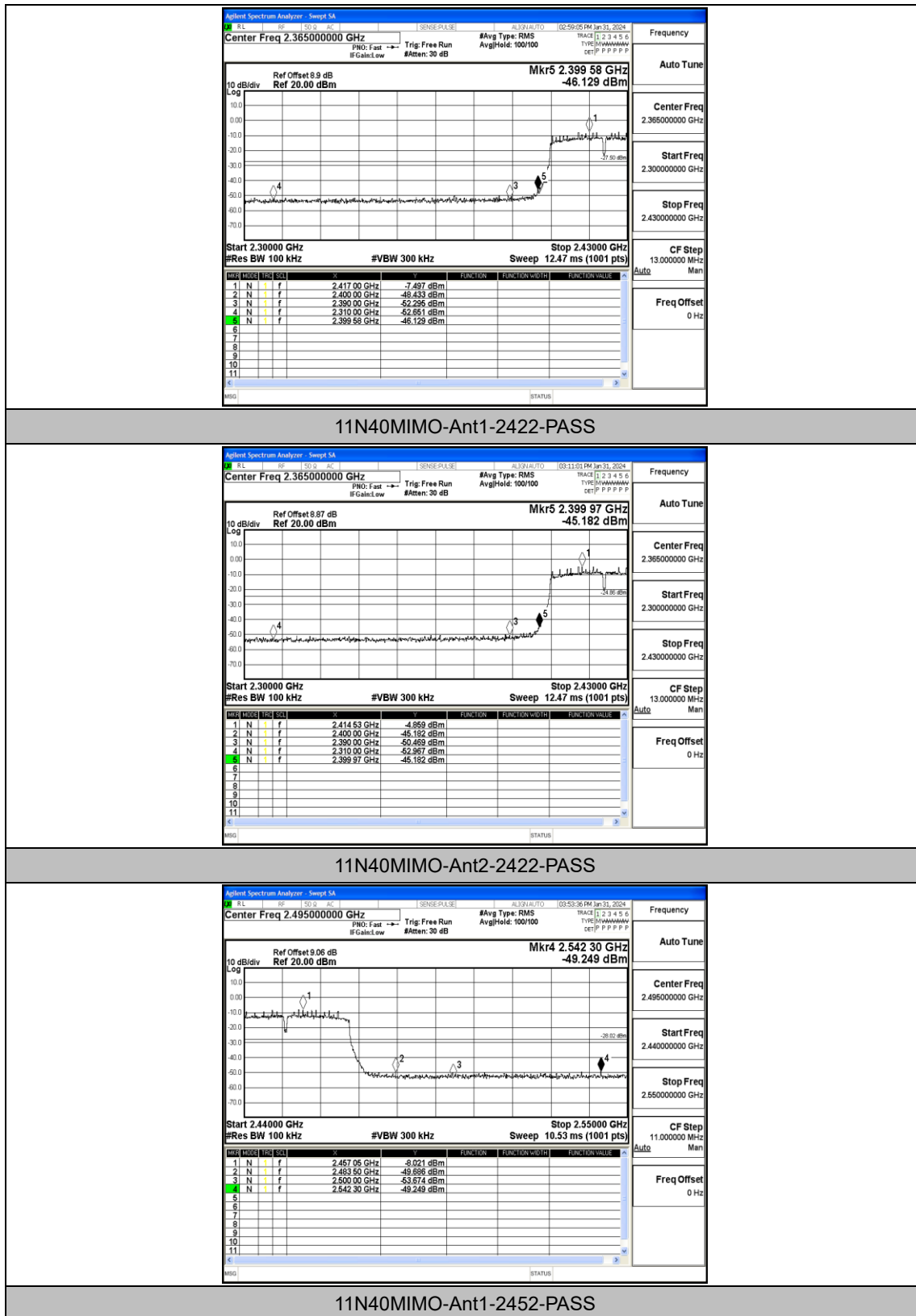
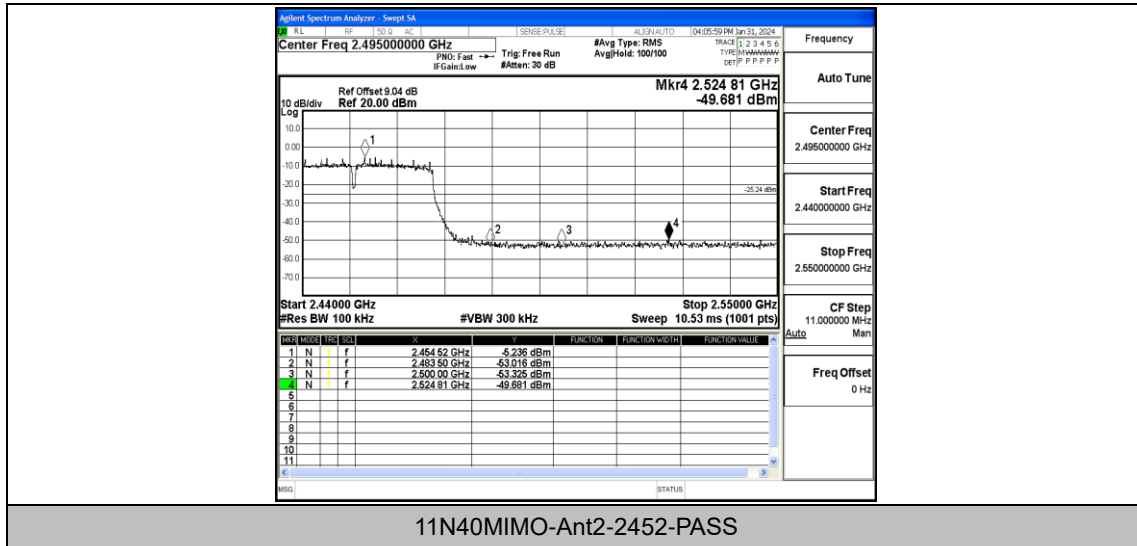






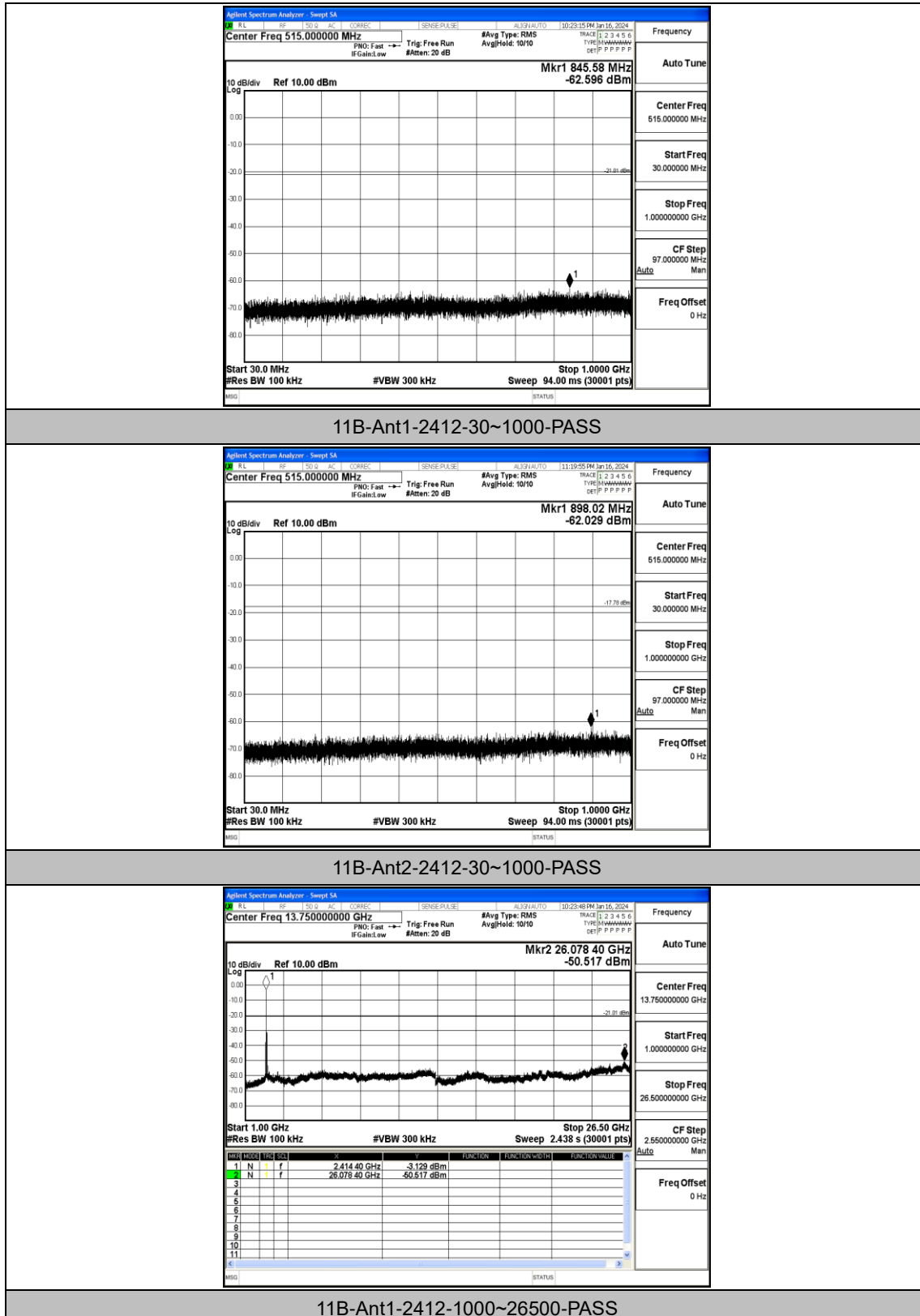
Appendix F: Conducted Spurious Emission

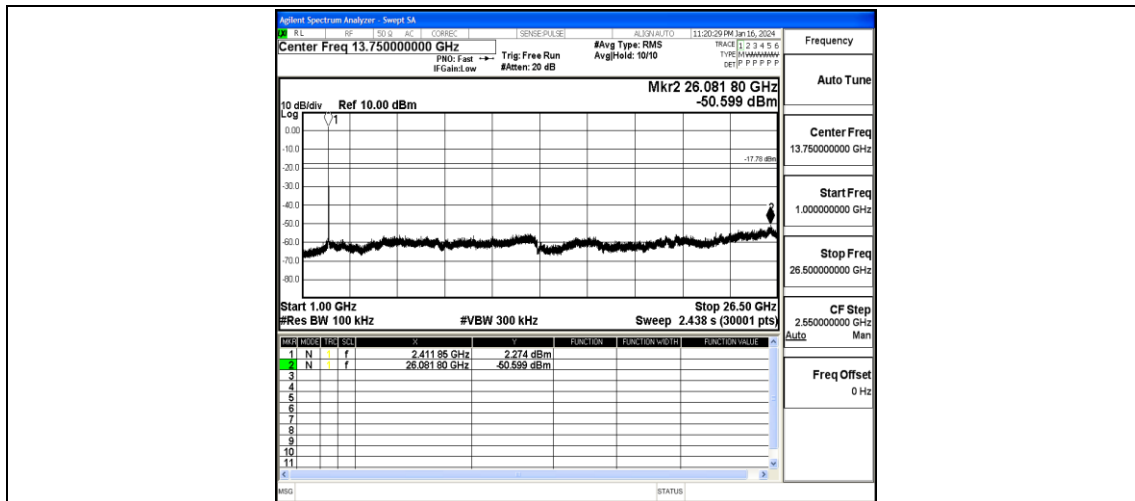
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	-1.01	-62.6	≤-21.01	PASS
11B	Ant2	2412	30~1000	2.22	-62.03	≤-17.78	PASS
11B	Ant1	2412	1000~26500	-1.01	-50.52	≤-21.01	PASS
11B	Ant2	2412	1000~26500	2.22	-50.6	≤-17.78	PASS
11B	Ant1	2437	30~1000	-2.01	-62.67	≤-22.01	PASS
11B	Ant2	2437	30~1000	1.71	-63.28	≤-18.29	PASS
11B	Ant1	2437	1000~26500	-2.01	-51.27	≤-22.01	PASS
11B	Ant2	2437	1000~26500	1.71	-50.95	≤-18.29	PASS
11B	Ant1	2462	30~1000	-2.24	-63.14	≤-22.24	PASS
11B	Ant2	2462	30~1000	2.26	-63.14	≤-17.74	PASS
11B	Ant1	2462	1000~26500	-2.24	-50.49	≤-22.24	PASS
11B	Ant2	2462	1000~26500	2.26	-49.65	≤-17.74	PASS
11G	Ant1	2412	30~1000	-3.46	-62.39	≤-23.46	PASS
11G	Ant2	2412	30~1000	-0.27	-63.28	≤-20.27	PASS
11G	Ant1	2412	1000~26500	-3.46	-51.2	≤-23.46	PASS
11G	Ant2	2412	1000~26500	-0.27	-50.79	≤-20.27	PASS
11G	Ant1	2437	30~1000	-6.22	-62.87	≤-26.22	PASS
11G	Ant2	2437	30~1000	-2.88	-62.38	≤-22.88	PASS
11G	Ant1	2437	1000~26500	-6.22	-49.99	≤-26.22	PASS
11G	Ant2	2437	1000~26500	-2.88	-50.81	≤-22.88	PASS
11G	Ant1	2462	30~1000	-5.87	-63.17	≤-25.87	PASS
11G	Ant2	2462	30~1000	-3.20	-62.66	≤-23.2	PASS
11G	Ant1	2462	1000~26500	-5.87	-50.75	≤-25.87	PASS
11G	Ant2	2462	1000~26500	-3.20	-51.34	≤-23.2	PASS
11N20MIMO	Ant1	2412	30~1000	-5.68	-62.76	≤-25.68	PASS
11N20MIMO	Ant2	2412	30~1000	-2.85	-62.81	≤-22.85	PASS
11N20MIMO	Ant1	2412	1000~26500	-5.68	-51.11	≤-25.68	PASS
11N20MIMO	Ant2	2412	1000~26500	-2.85	-50.03	≤-22.85	PASS
11N20MIMO	Ant1	2437	30~1000	-6.10	-62.95	≤-26.1	PASS
11N20MIMO	Ant2	2437	30~1000	-2.82	-62.39	≤-22.82	PASS
11N20MIMO	Ant1	2437	1000~26500	-6.10	-51.12	≤-26.1	PASS
11N20MIMO	Ant2	2437	1000~26500	-2.82	-51.34	≤-22.82	PASS
11N20MIMO	Ant1	2462	30~1000	-4.00	-63.01	≤-24	PASS
11N20MIMO	Ant2	2462	30~1000	-1.90	-63.13	≤-21.9	PASS
11N20MIMO	Ant1	2462	1000~26500	-4.00	-50.45	≤-24	PASS
11N20MIMO	Ant2	2462	1000~26500	-1.90	-50.99	≤-21.9	PASS
11N40MIMO	Ant1	2422	30~1000	-7.40	-61.95	≤-27.4	PASS
11N40MIMO	Ant2	2422	30~1000	-4.65	-63.73	≤-24.65	PASS
11N40MIMO	Ant1	2422	1000~26500	-7.40	-49.62	≤-27.4	PASS
11N40MIMO	Ant2	2422	1000~26500	-4.65	-51.4	≤-24.65	PASS
11N40MIMO	Ant1	2437	30~1000	-7.85	-62.39	≤-27.85	PASS

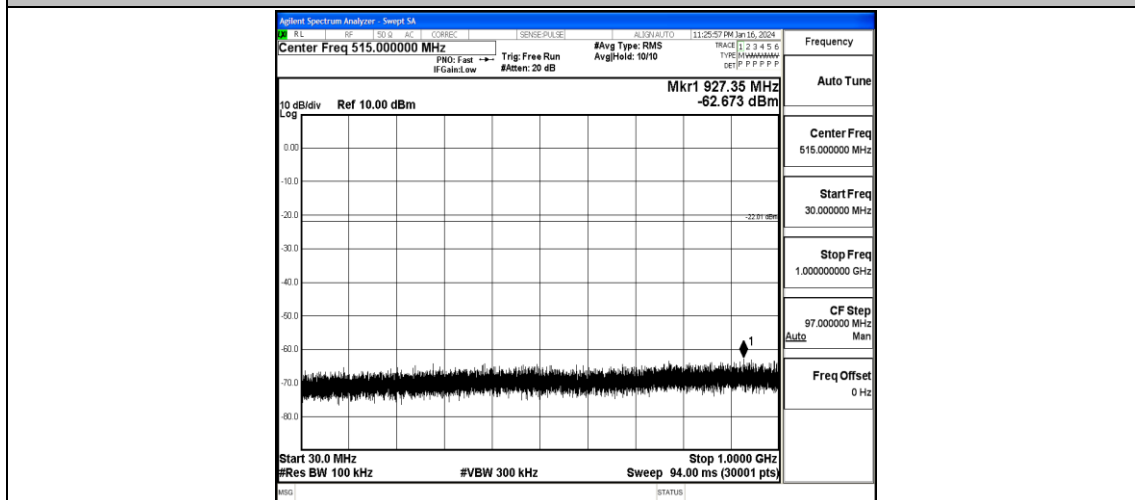
11N40MIMO	Ant2	2437	30~1000	-5.43	-62.1	≤-25.43	PASS
11N40MIMO	Ant1	2437	1000~26500	-7.85	-50.1	≤-27.85	PASS
11N40MIMO	Ant2	2437	1000~26500	-5.43	-50.65	≤-25.43	PASS
11N40MIMO	Ant1	2452	30~1000	-8.18	-62.04	≤-28.18	PASS
11N40MIMO	Ant2	2452	30~1000	-5.29	-63.1	≤-25.29	PASS
11N40MIMO	Ant1	2452	1000~26500	-8.18	-50.87	≤-28.18	PASS
11N40MIMO	Ant2	2452	1000~26500	-5.29	-50.74	≤-25.29	PASS

Test Graphs

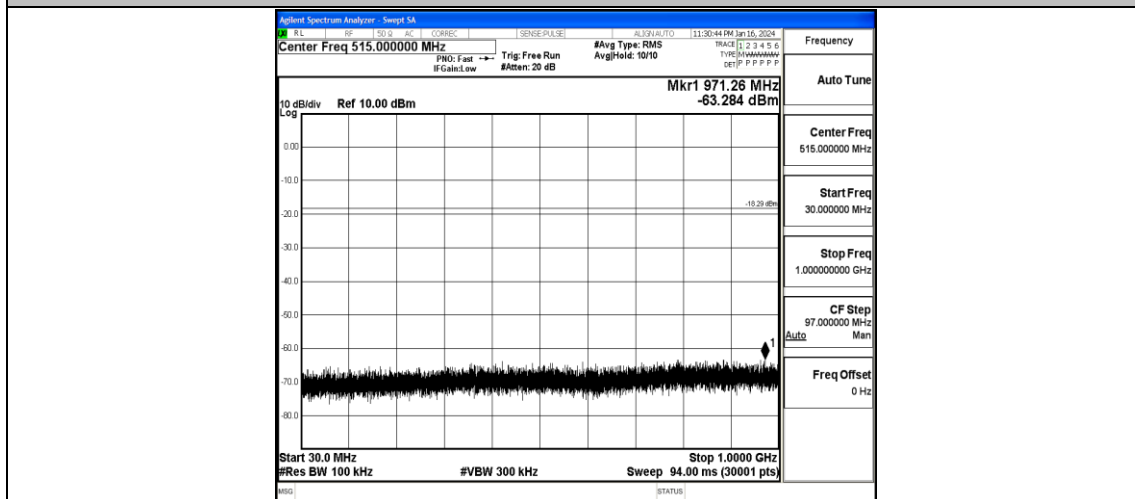




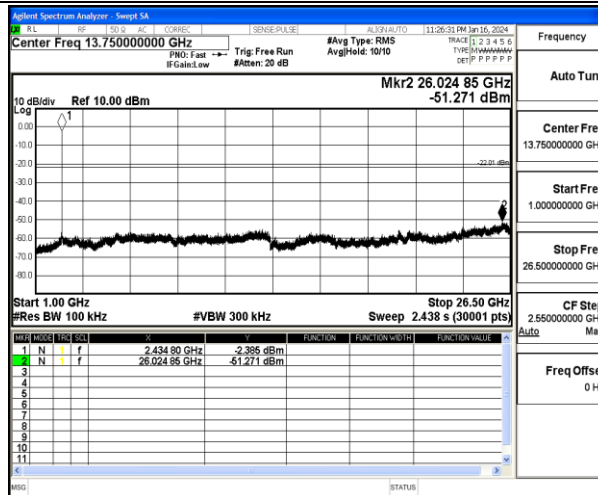
11B-Ant2-2412-1000~26500-PASS



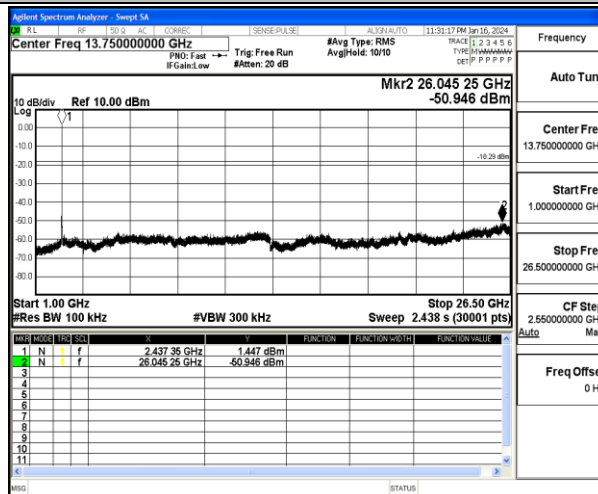
11B-Ant1-2437-30~1000-PASS



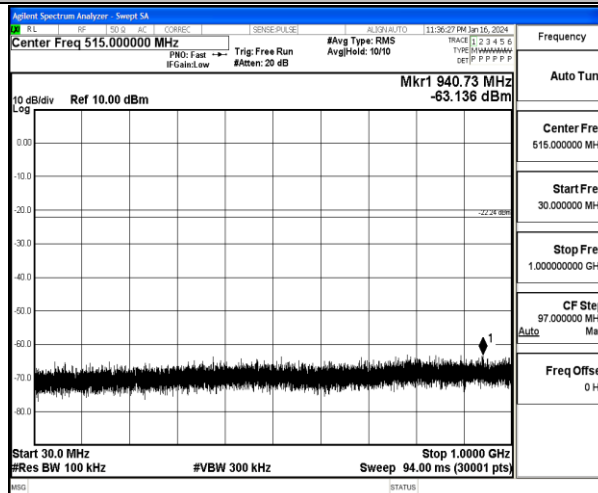
11B-Ant2-2437-30~1000-PASS



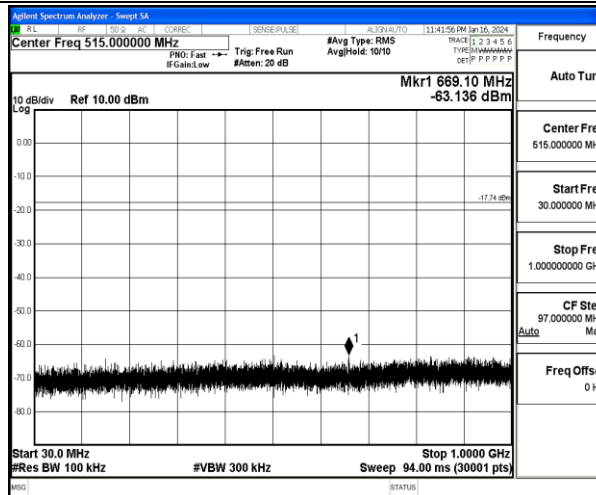
11B-Ant1-2437-1000~26500-PASS



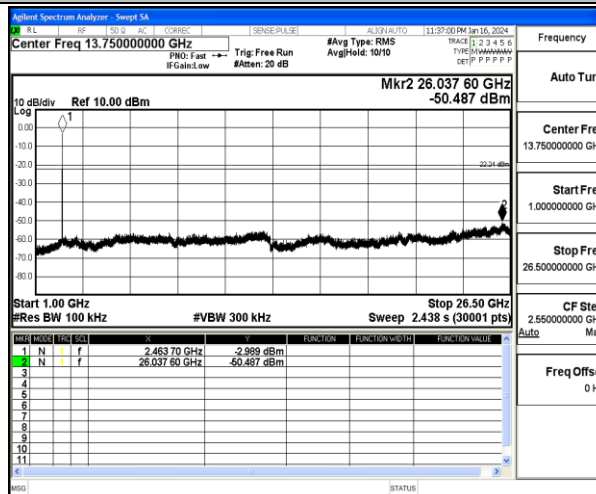
11B-Ant2-2437-1000~26500-PASS



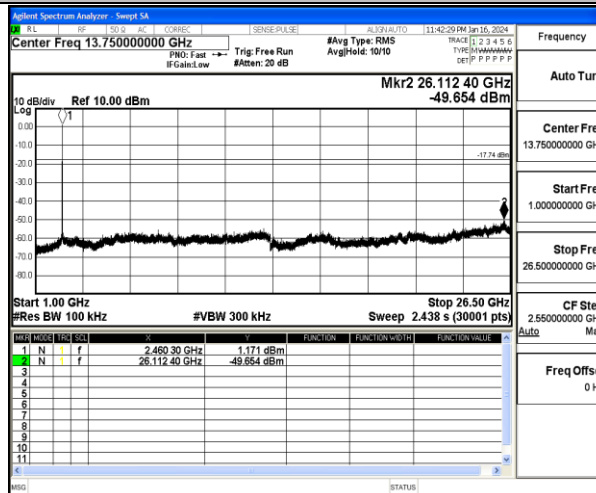
11B-Ant1-2462-30~1000-PASS



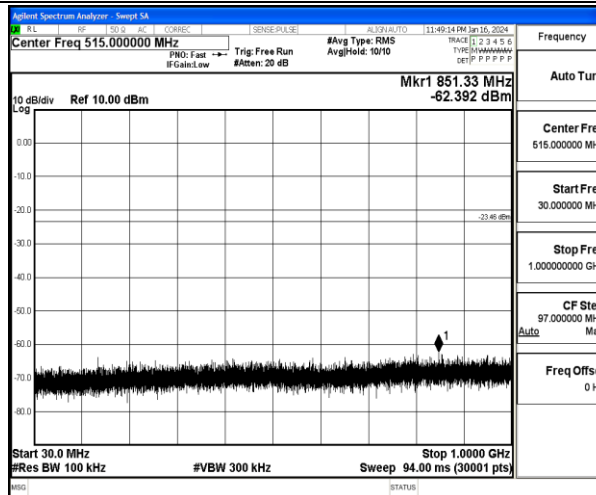
11B-Ant2-2462-30~1000-PASS



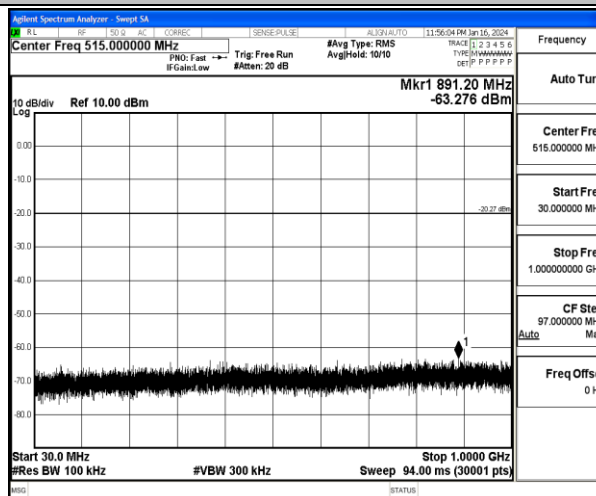
11B-Ant1-2462-1000~26500-PASS



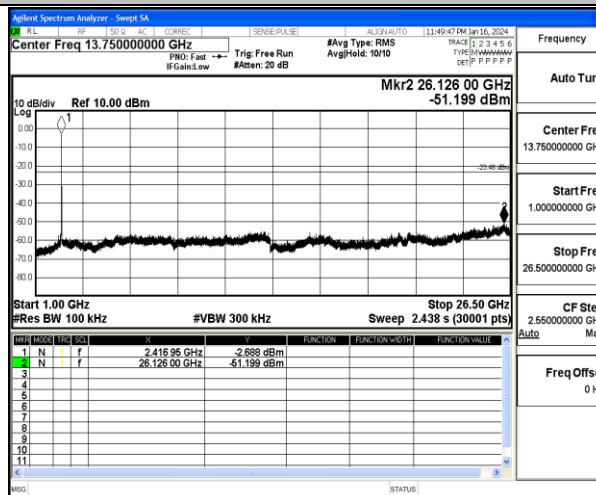
11B-Ant2-2462-1000~26500-PASS



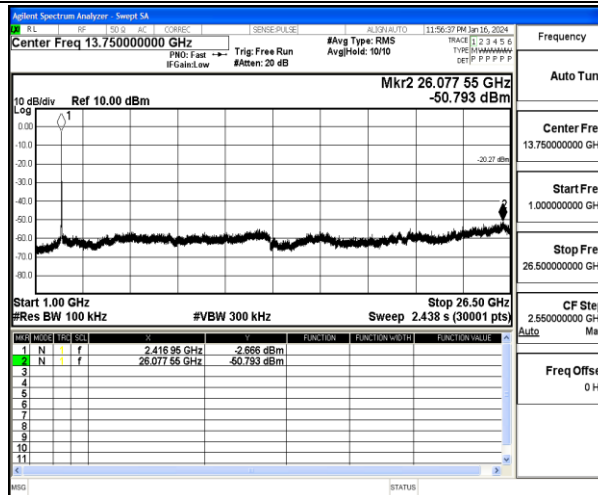
11G-Ant1-2412-30~1000-PASS



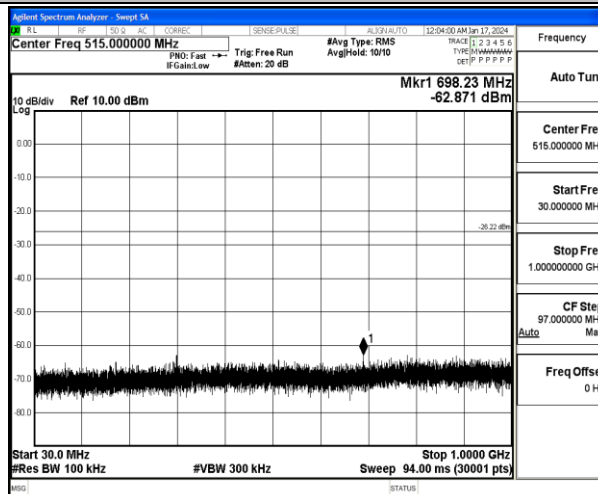
11G-Ant2-2412-30~1000-PASS



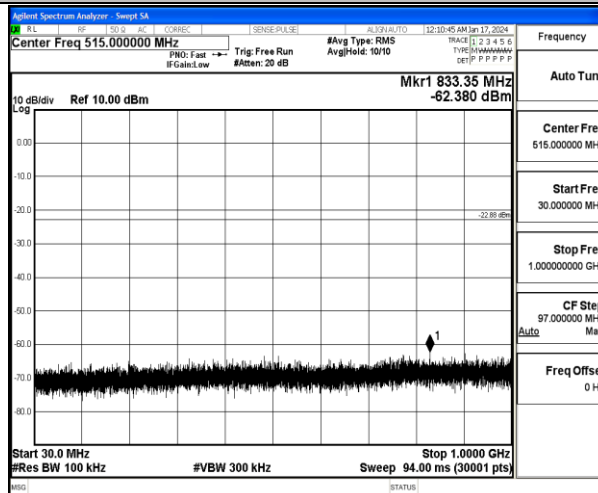
11G-Ant1-2412-1000~26500-PASS



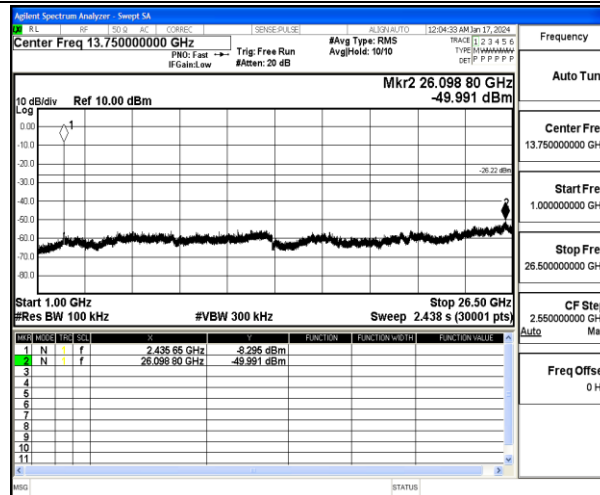
11G-Ant2-2412-1000~26500-PASS



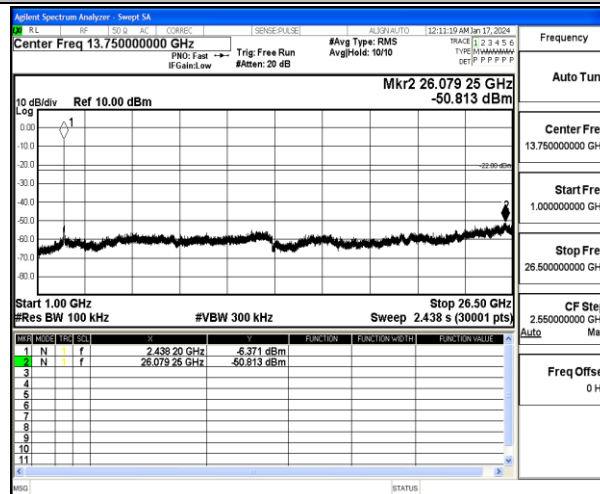
11G-Ant1-2437-30~1000-PASS



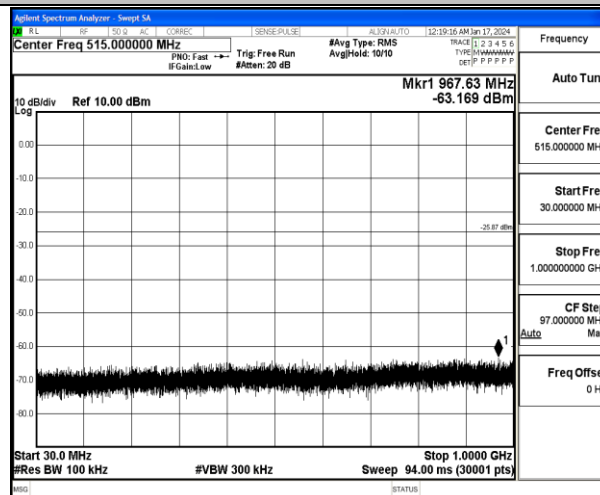
11G-Ant2-2437-30~1000-PASS



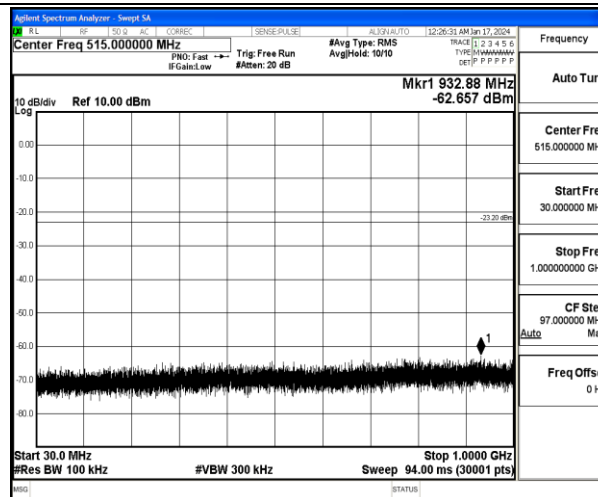
11G-Ant1-2437-1000~26500-PASS



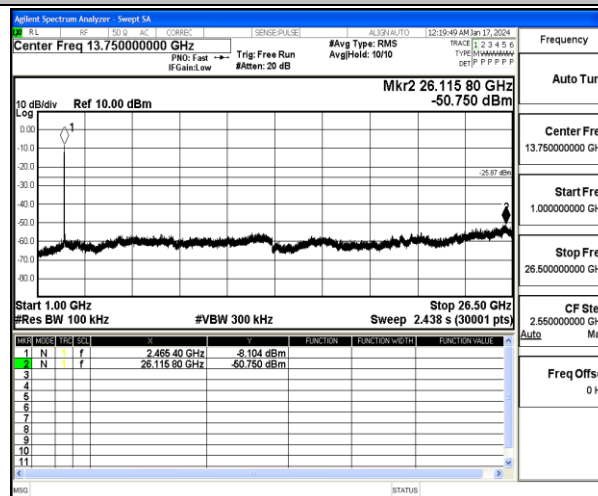
11G-Ant2-2437-1000~26500-PASS



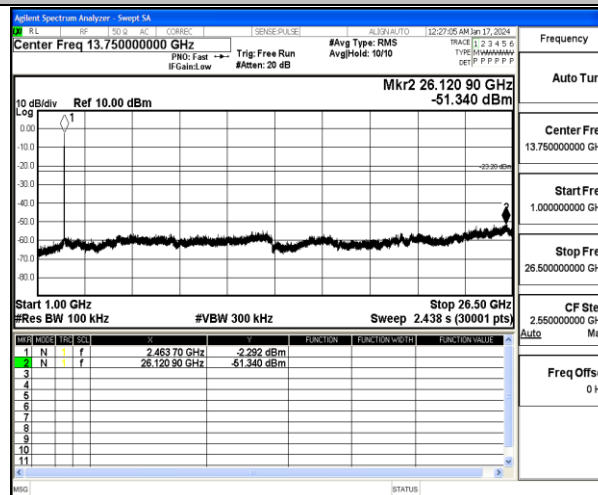
11G-Ant1-2462-30~1000-PASS



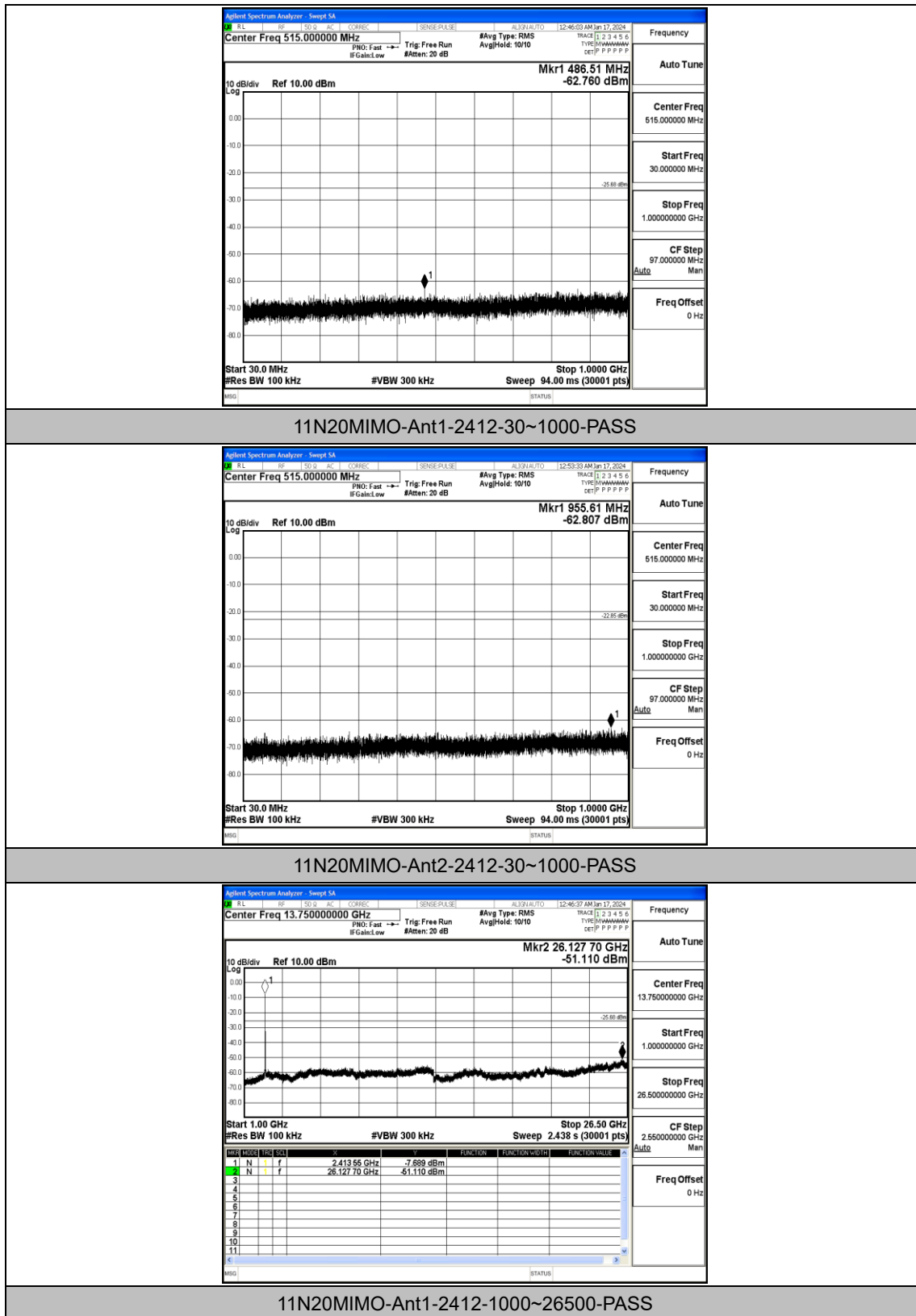
11G-Ant2-2462-30~1000-PASS

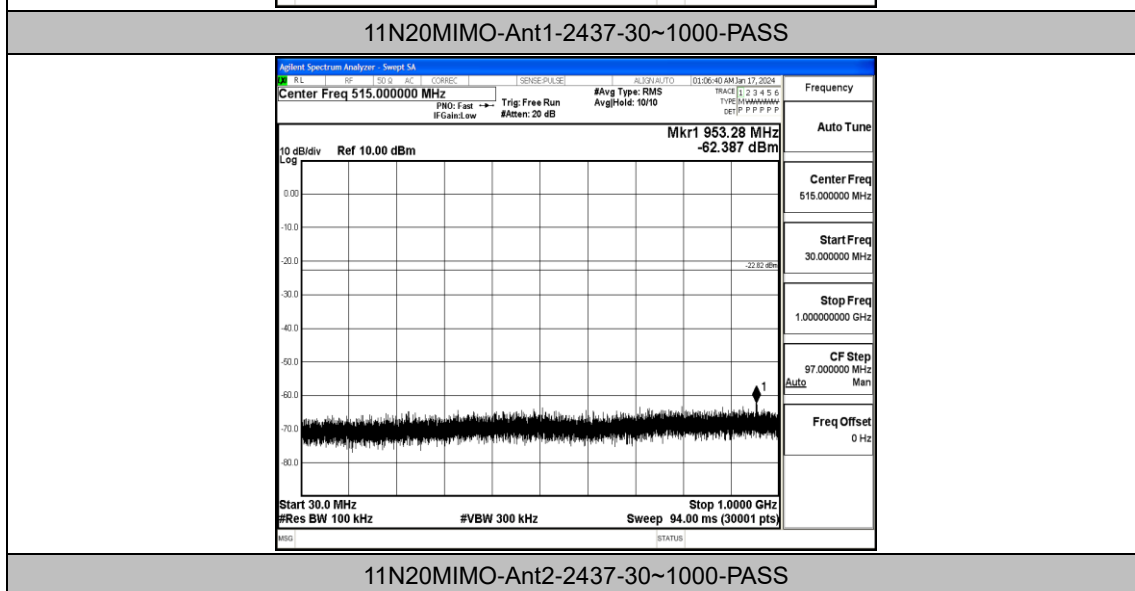
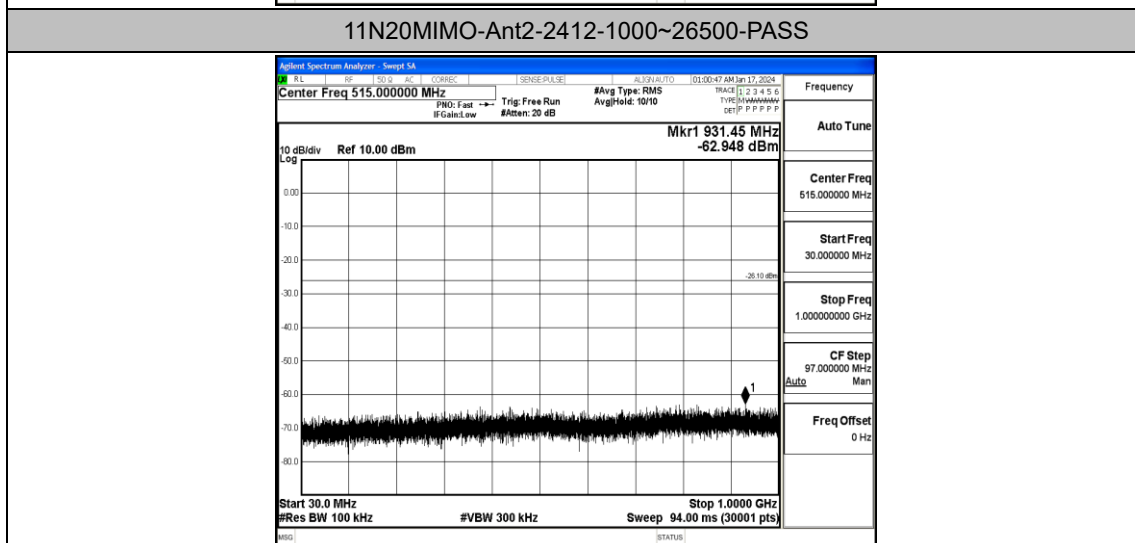
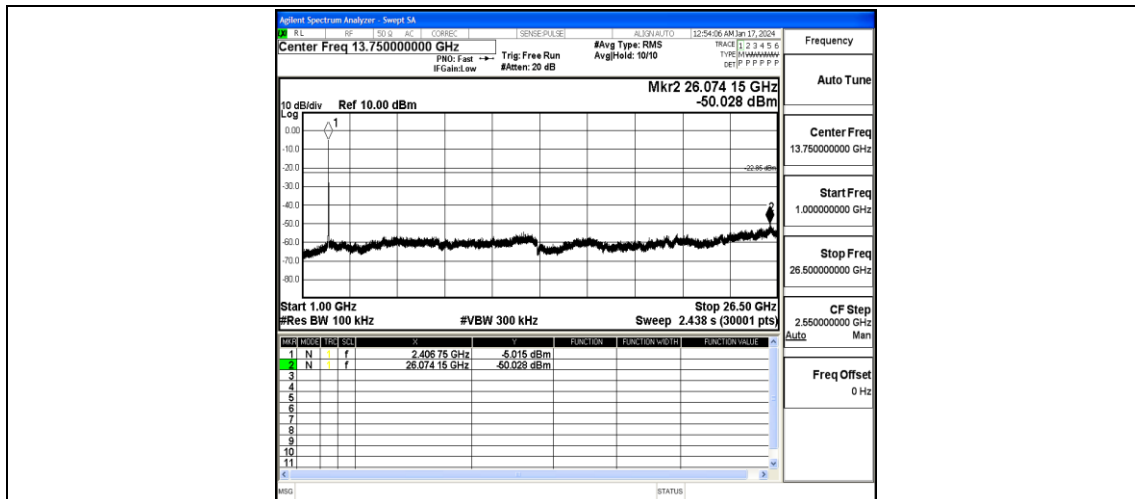


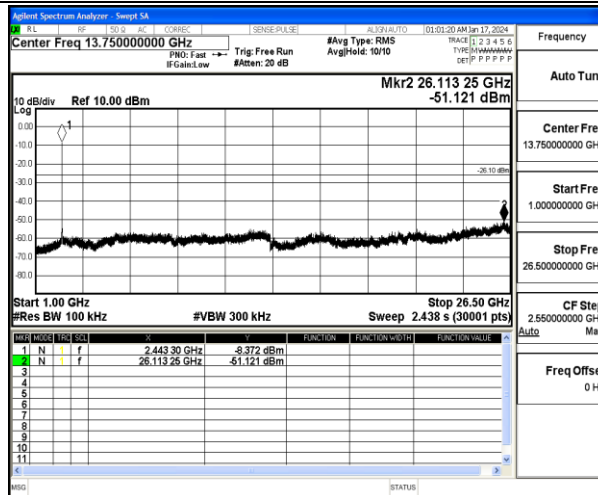
11G-Ant1-2462-1000~26500-PASS



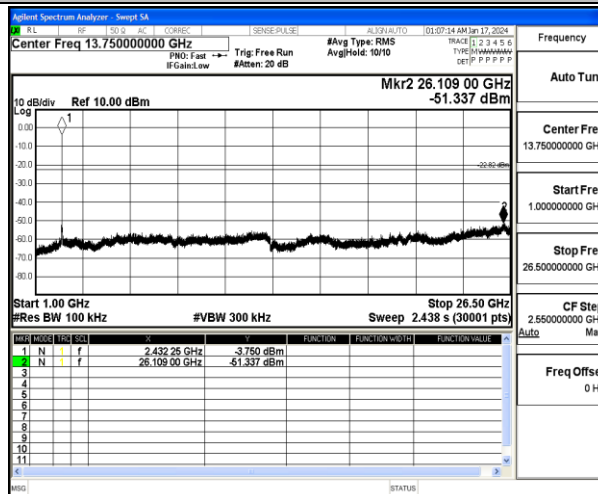
11G-Ant2-2462-1000~26500-PASS



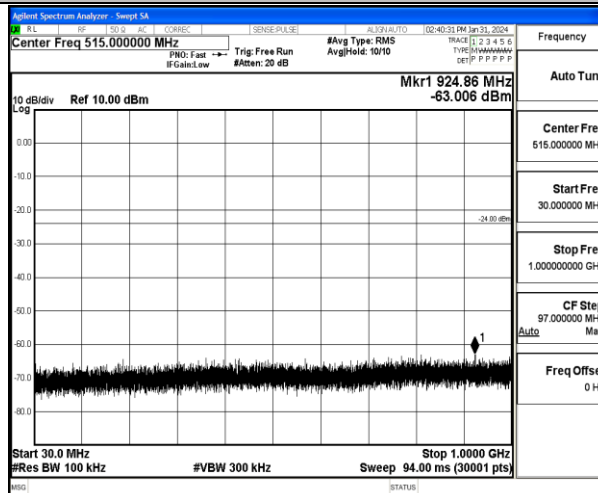




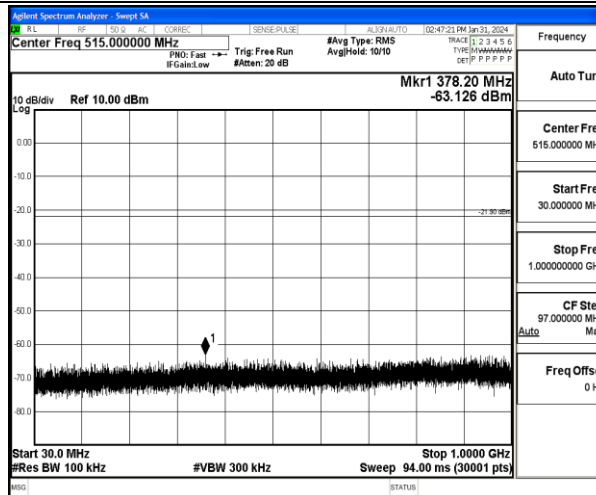
11N20MIMO-Ant1-2437-1000~26500-PASS



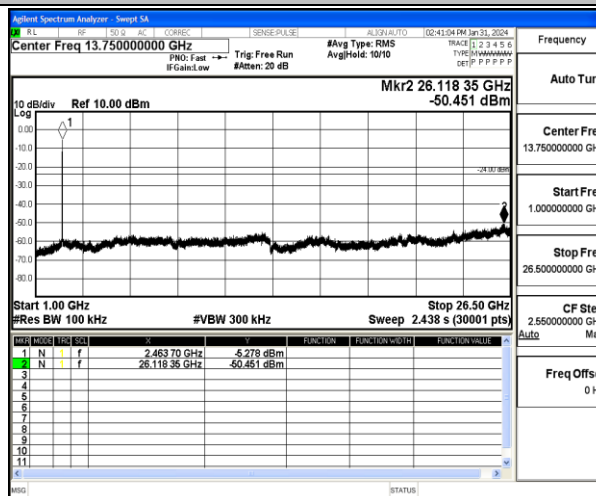
11N20MIMO-Ant2-2437-1000~26500-PASS



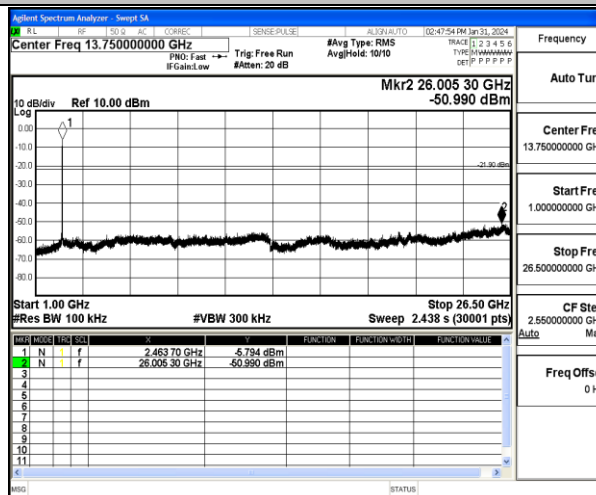
11N20MIMO-Ant1-2462-30~1000-PASS



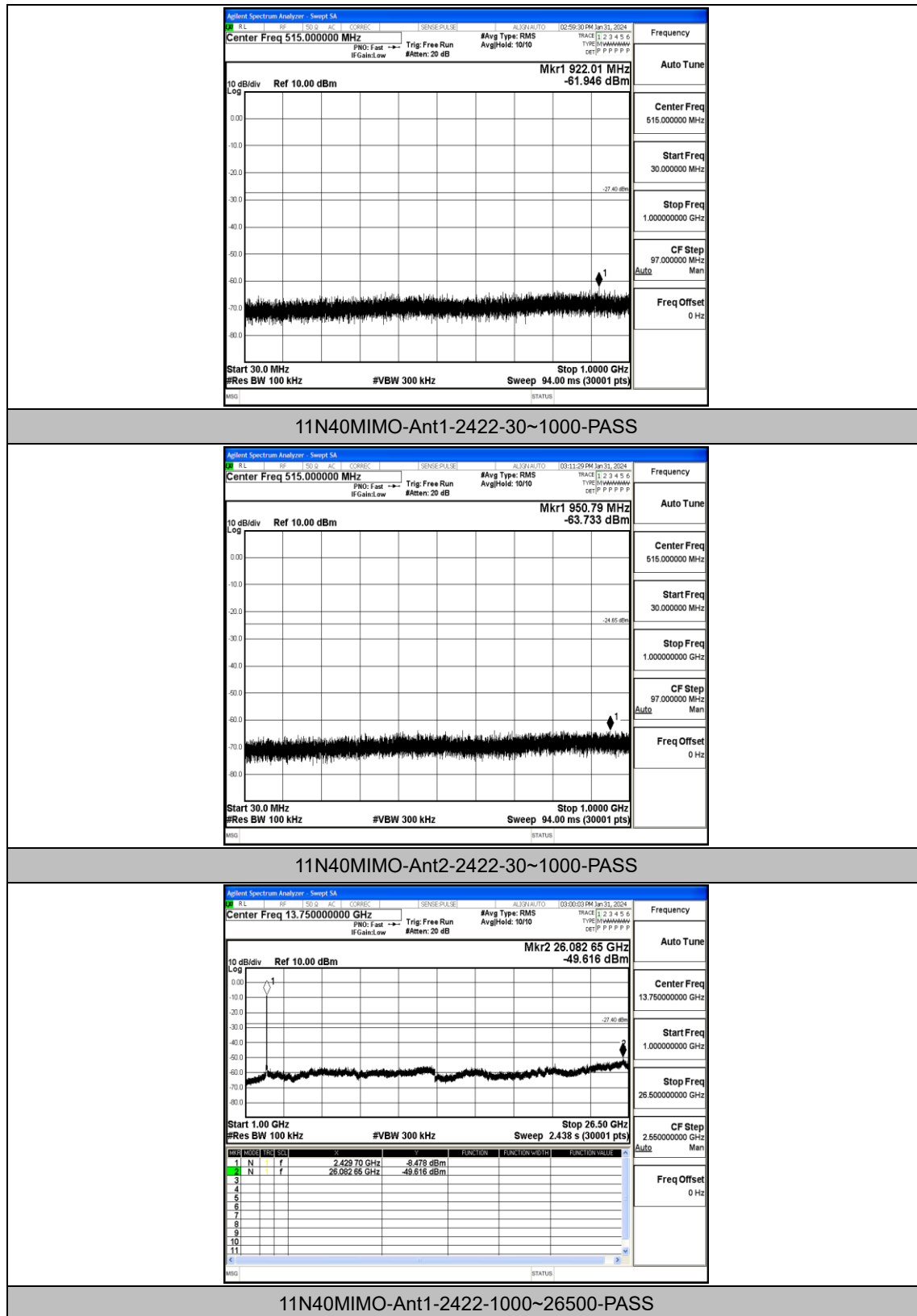
11N20MIMO-Ant2-2462-30~1000-PASS

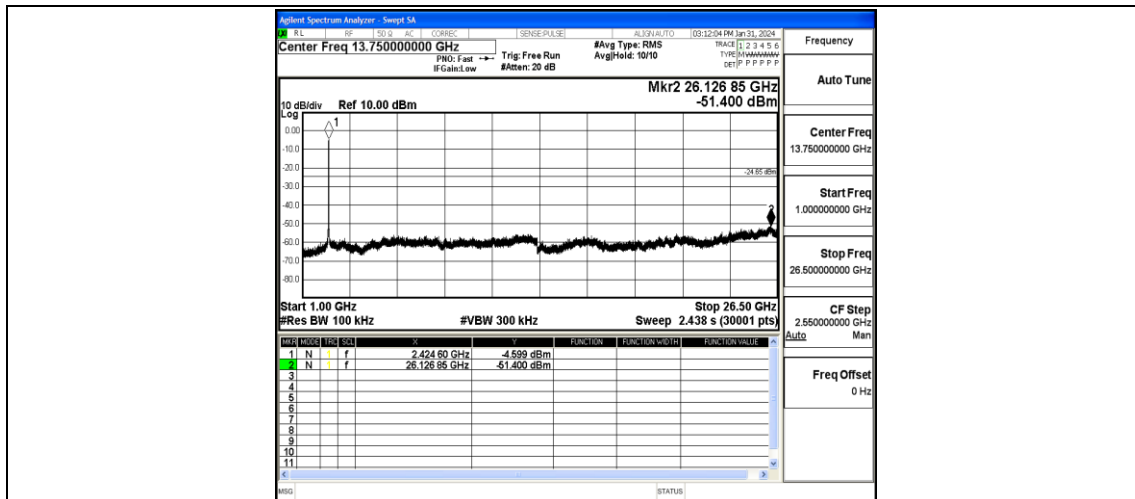


11N20MIMO-Ant1-2462-1000~26500-PASS

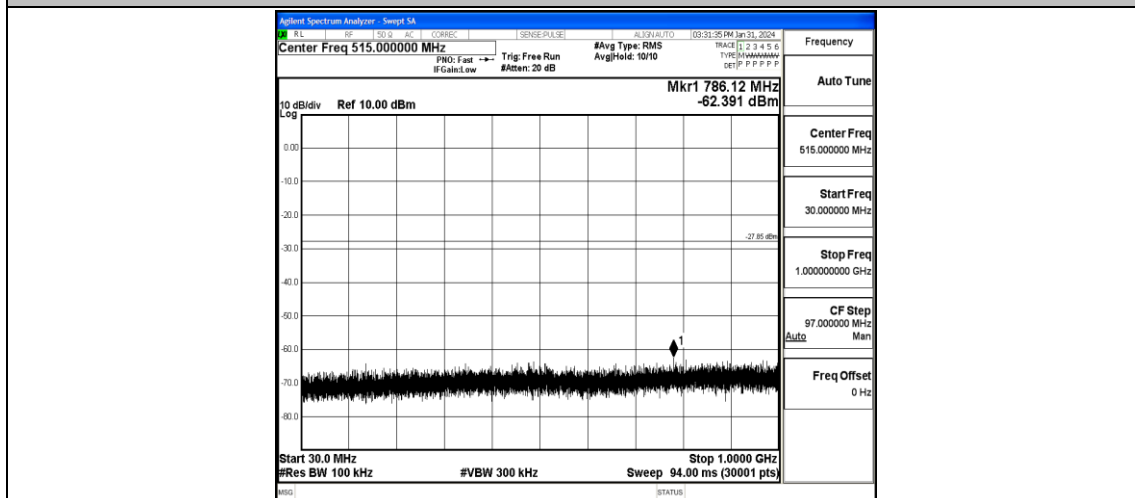


11N20MIMO-Ant2-2462-1000~26500-PASS

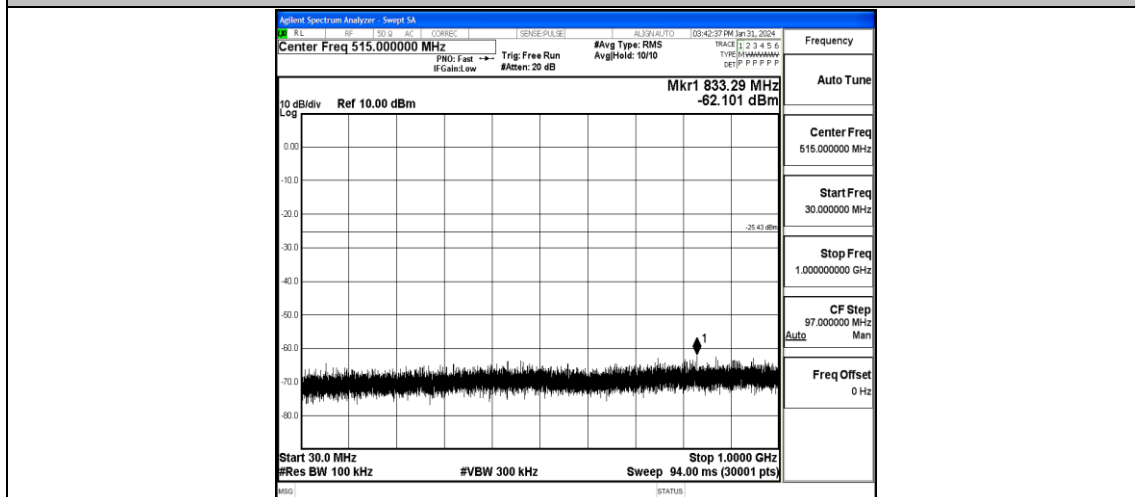




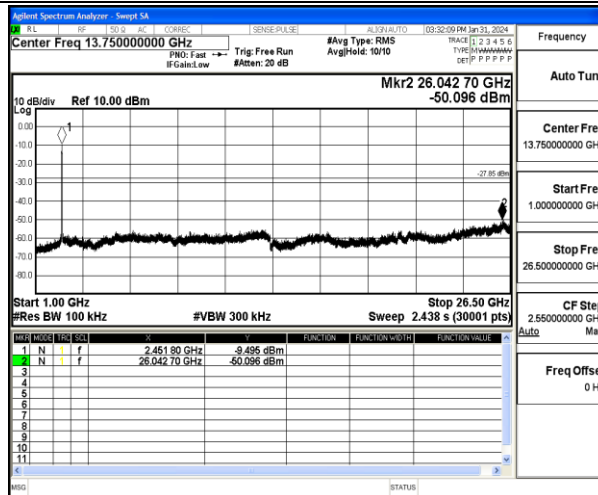
11N40MIMO-Ant2-2422-1000~26500-PASS



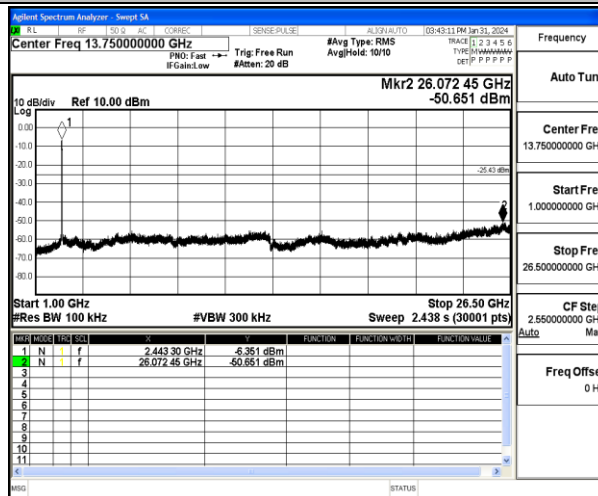
11N40MIMO-Ant1-2437-30~1000-PASS



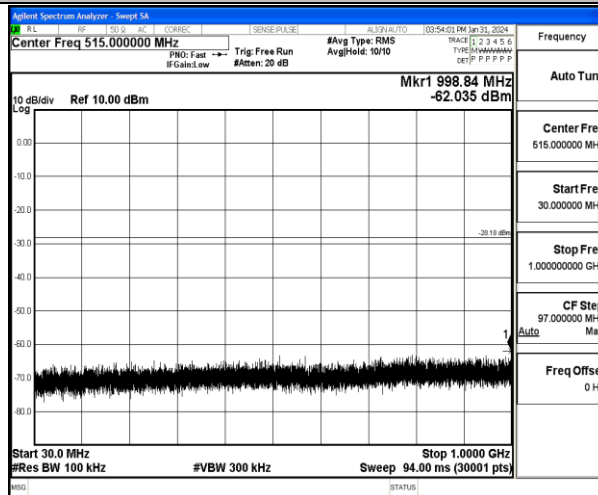
11N40MIMO-Ant2-2437-30~1000-PASS



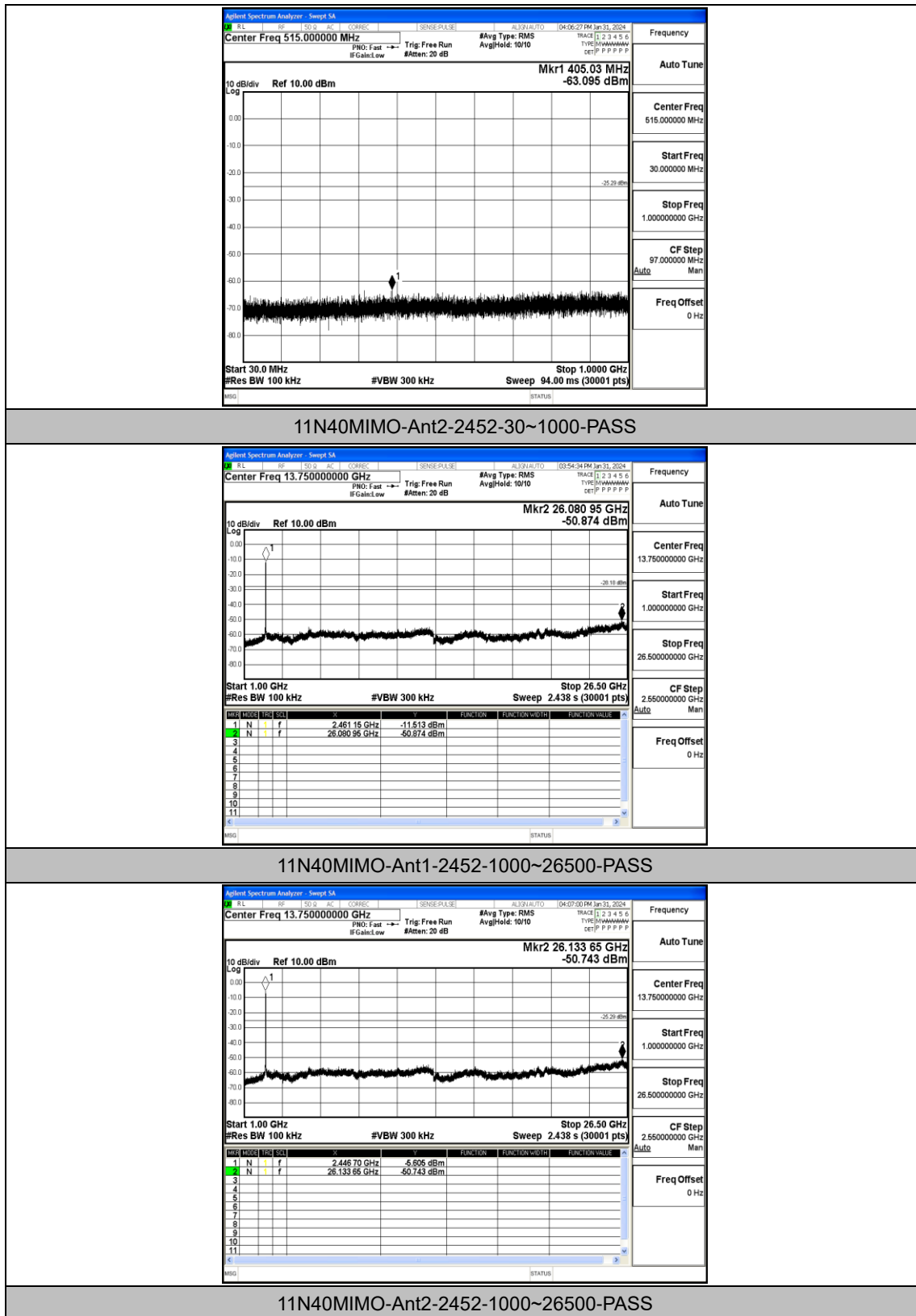
11N40MIMO-Ant1-2437-1000~26500-PASS



11N40MIMO-Ant2-2437-1000~26500-PASS



11N40MIMO-Ant1-2452-30~1000-PASS

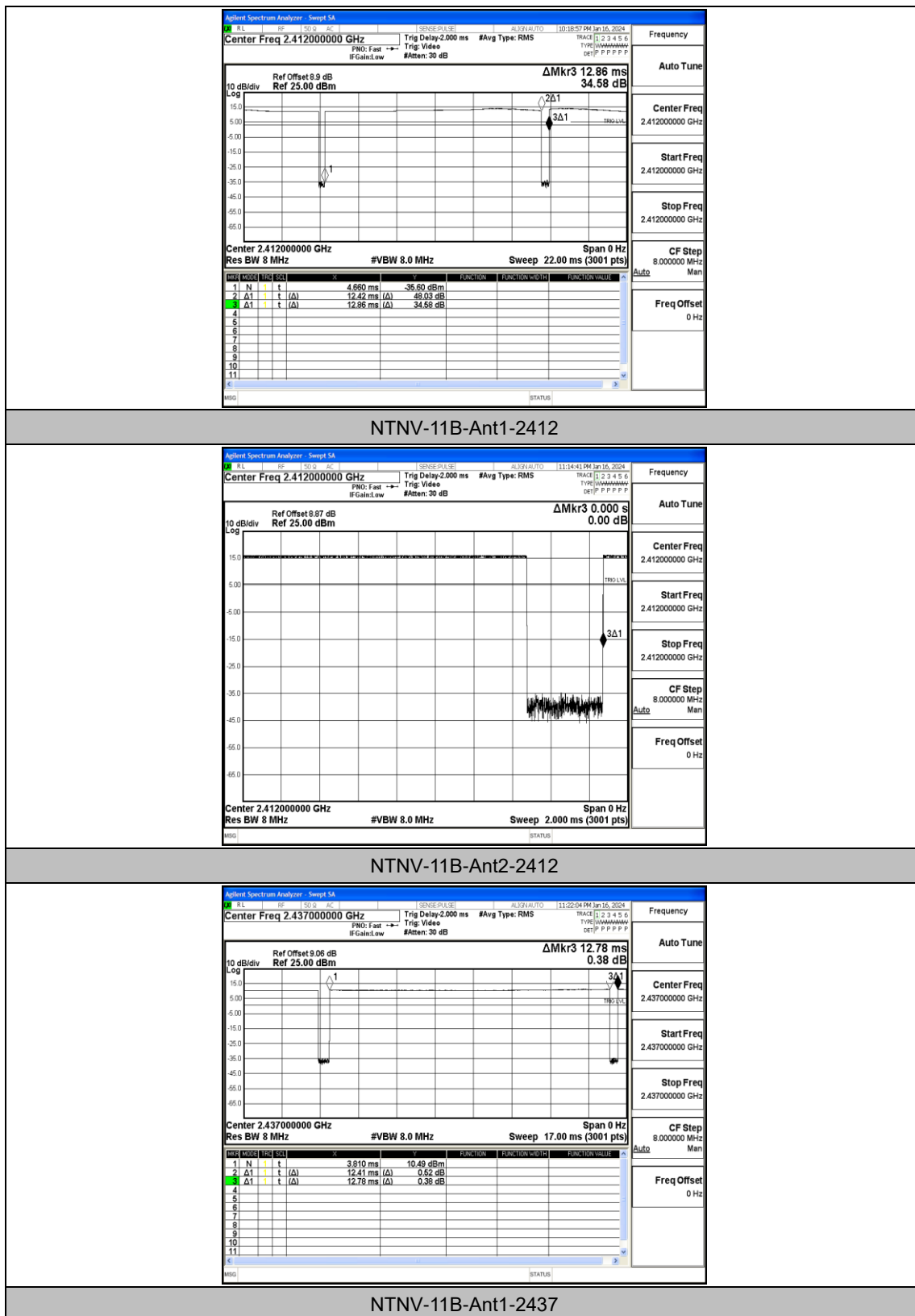


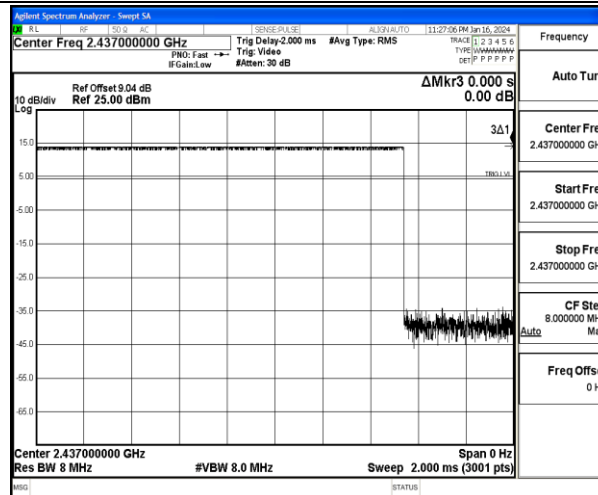
Appendix G: Duty Cycle

Test Result

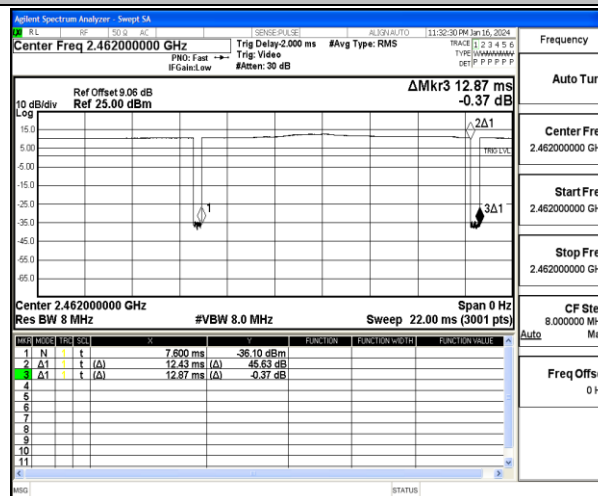
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	12.42	12.86	96.58	0.15
11B	Ant2	2412	0.00	0.00	100	NaN
11B	Ant1	2437	12.41	12.78	97.10	0.13
11B	Ant2	2437	0.00	0.00	100	NaN
11B	Ant1	2462	12.43	12.87	96.58	0.15
11B	Ant2	2462	12.42	12.88	96.43	0.16
11G	Ant1	2412	2.07	2.29	90.39	0.44
11G	Ant2	2412	2.06	2.29	89.96	0.46
11G	Ant1	2437	2.06	2.27	90.75	0.42
11G	Ant2	2437	2.07	2.29	90.39	0.44
11G	Ant1	2462	2.06	2.25	91.56	0.38
11G	Ant2	2462	2.07	2.26	91.59	0.38
11N20MIMO	Ant1	2412	1.92	2.06	93.20	0.31
11N20MIMO	Ant2	2412	1.92	2.11	91.00	0.41
11N20MIMO	Ant1	2437	1.92	2.12	90.57	0.43
11N20MIMO	Ant2	2437	1.92	2.15	89.30	0.49
11N20MIMO	Ant1	2462	1.92	2.12	90.57	0.43
11N20MIMO	Ant2	2462	1.92	2.16	88.89	0.51
11N40MIMO	Ant1	2422	0.94	1.08	87.04	0.60
11N40MIMO	Ant2	2422	0.95	1.18	80.51	0.94
11N40MIMO	Ant1	2437	0.94	1.08	87.04	0.60
11N40MIMO	Ant2	2437	0.95	1.17	81.20	0.90
11N40MIMO	Ant1	2452	0.95	1.17	81.20	0.90
11N40MIMO	Ant2	2452	0.94	1.11	84.68	0.72

Test Graphs

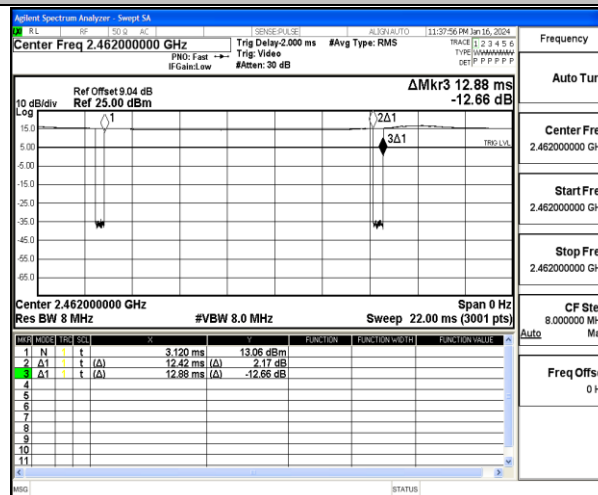




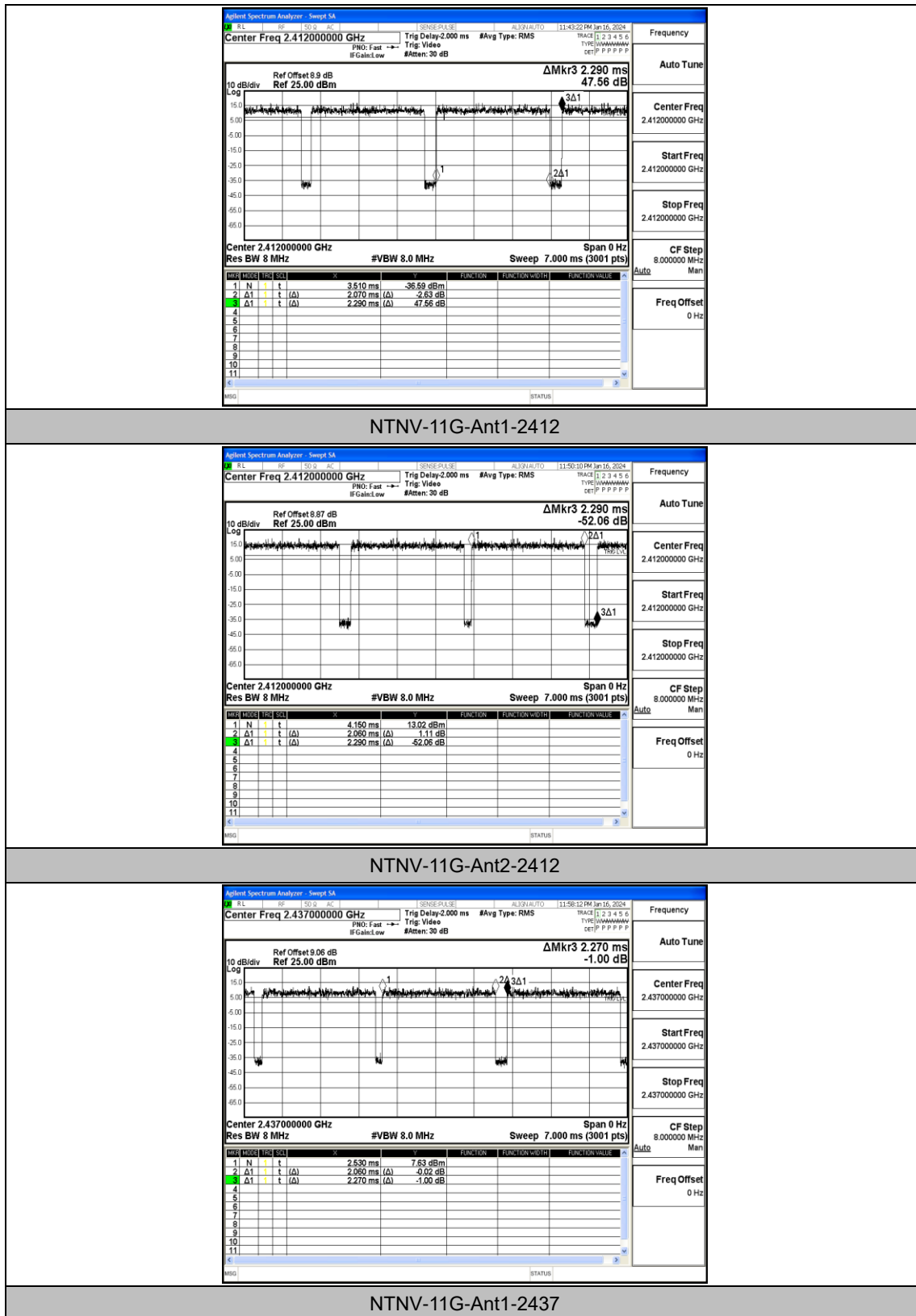
NTNV-11B-Ant2-2437

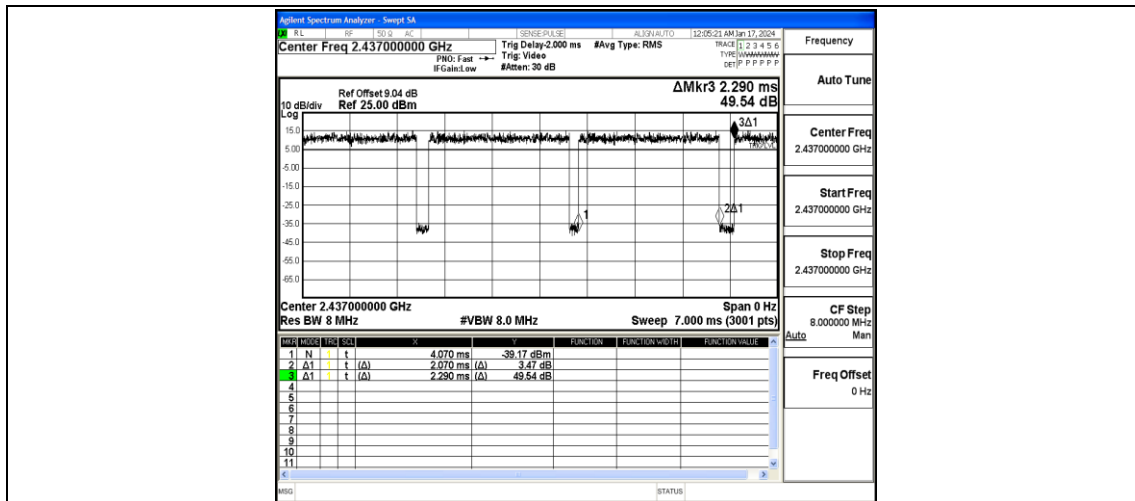


NTNV-11B-Ant1-2462

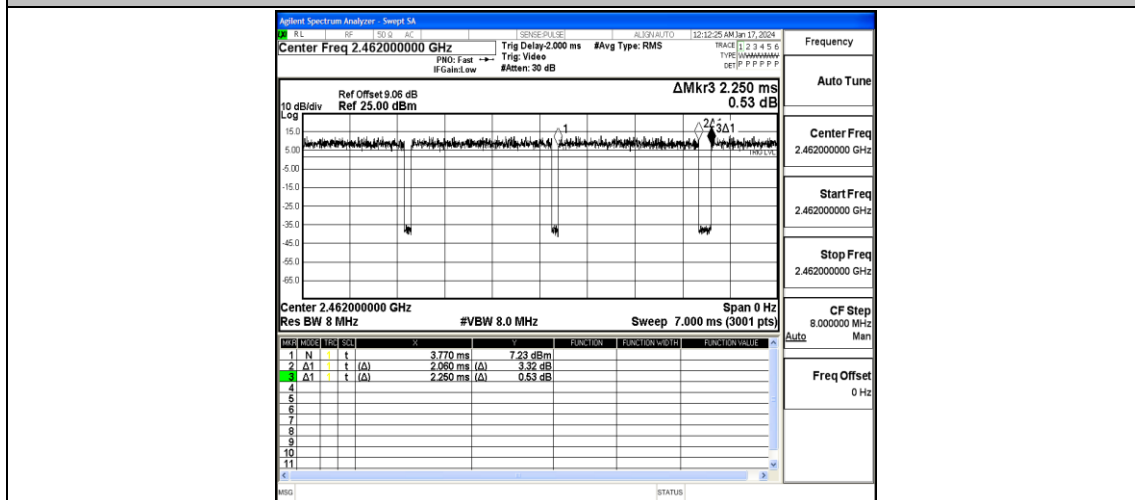


NTNV-11B-Ant2-2462

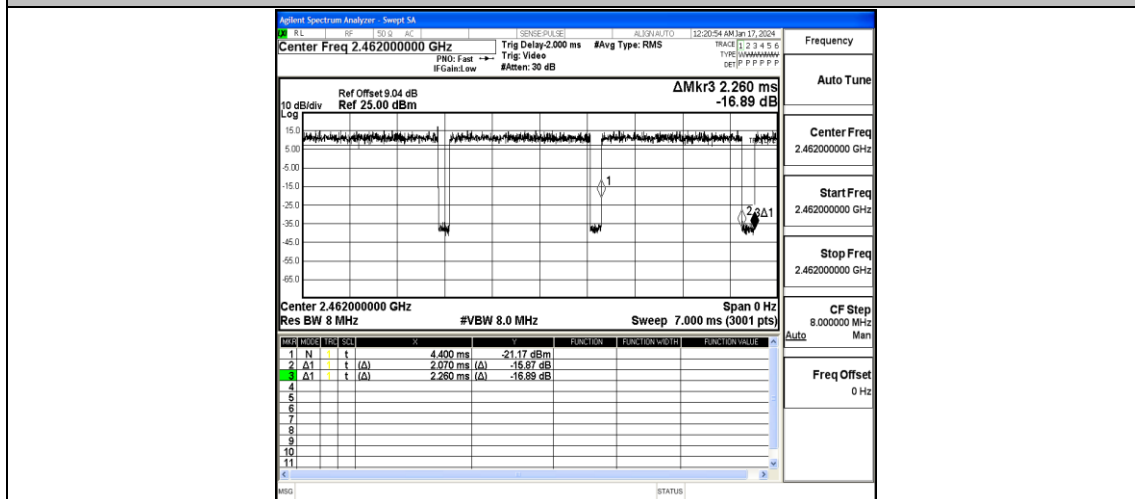




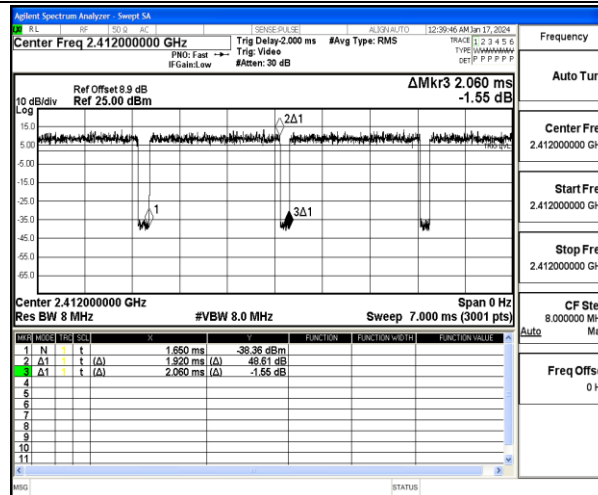
NTNV-11G-Ant2-2437



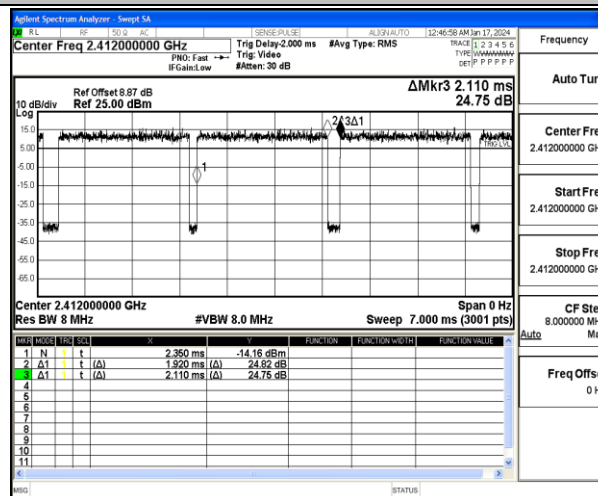
NTNV-11G-Ant1-2462



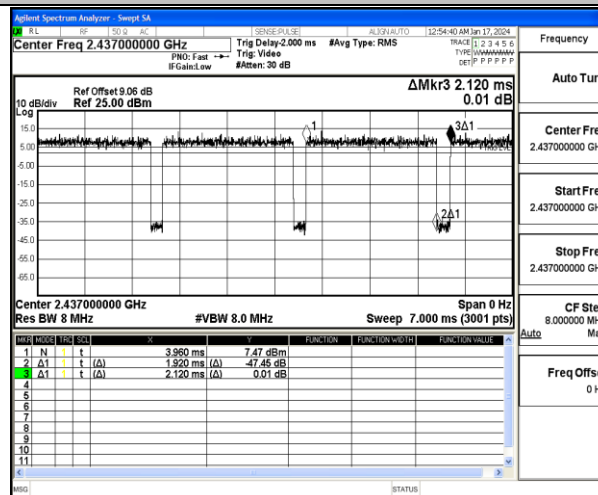
NTNV-11G-Ant2-2462



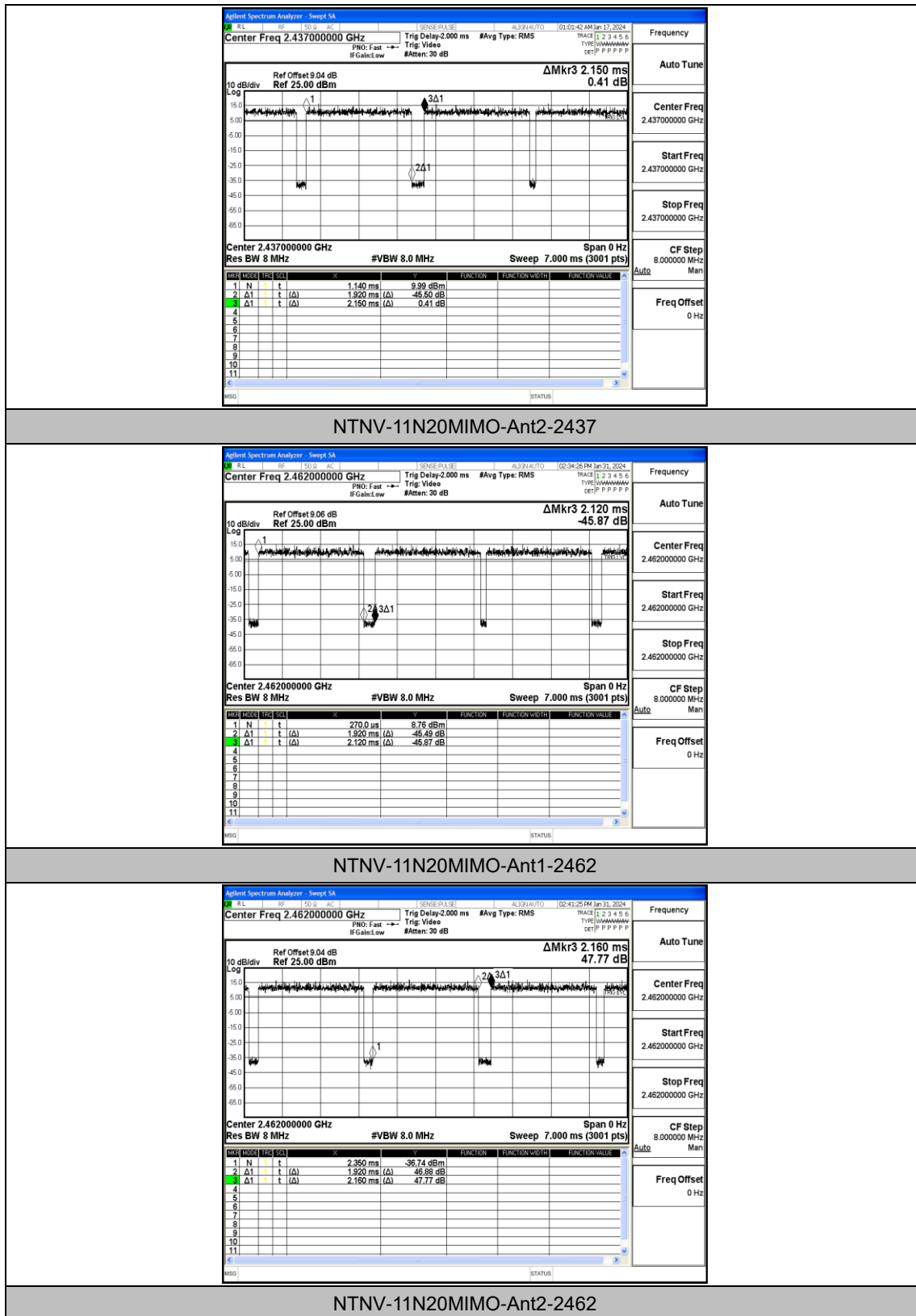
NTNV-11N20MIMO-Ant1-2412

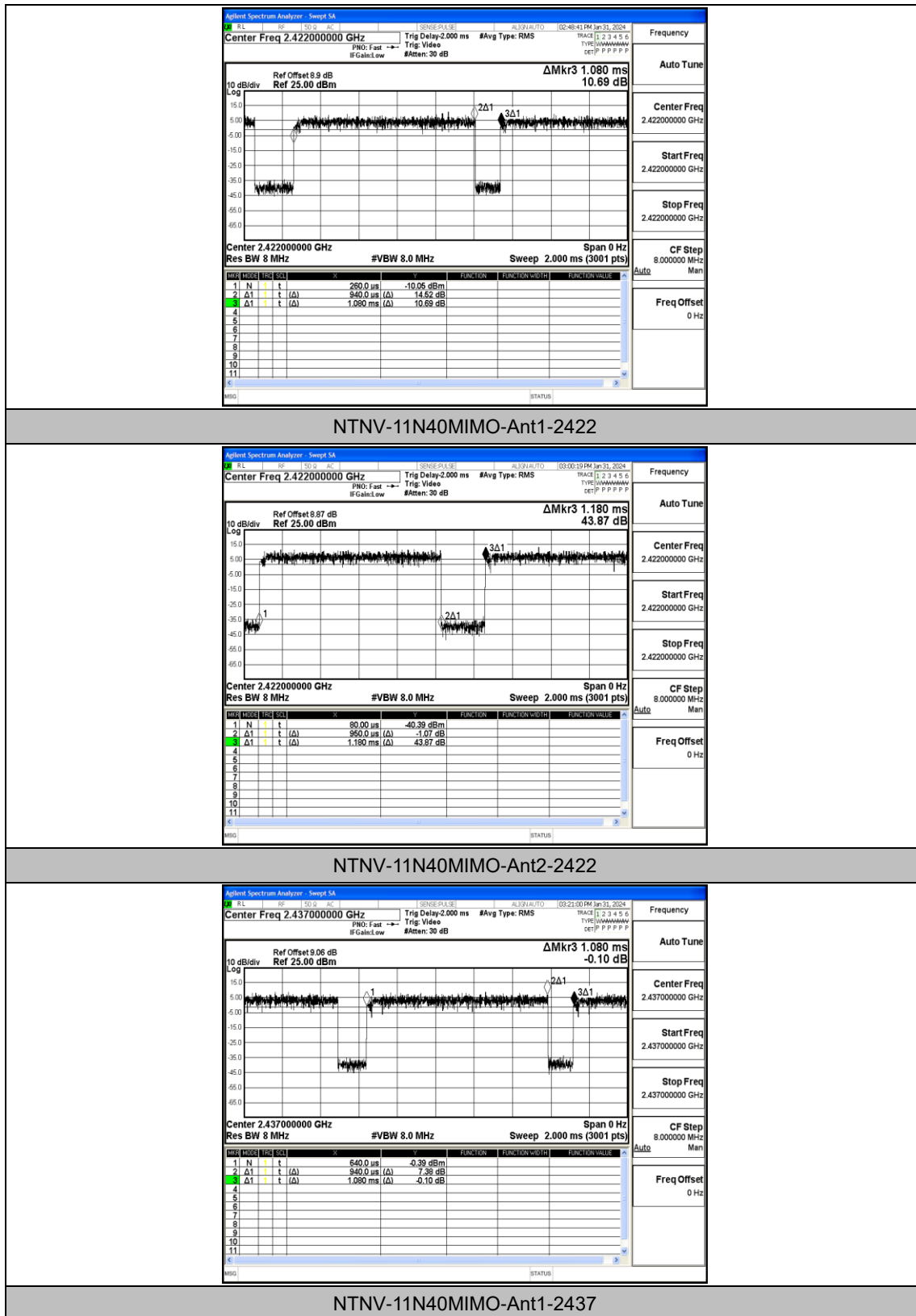


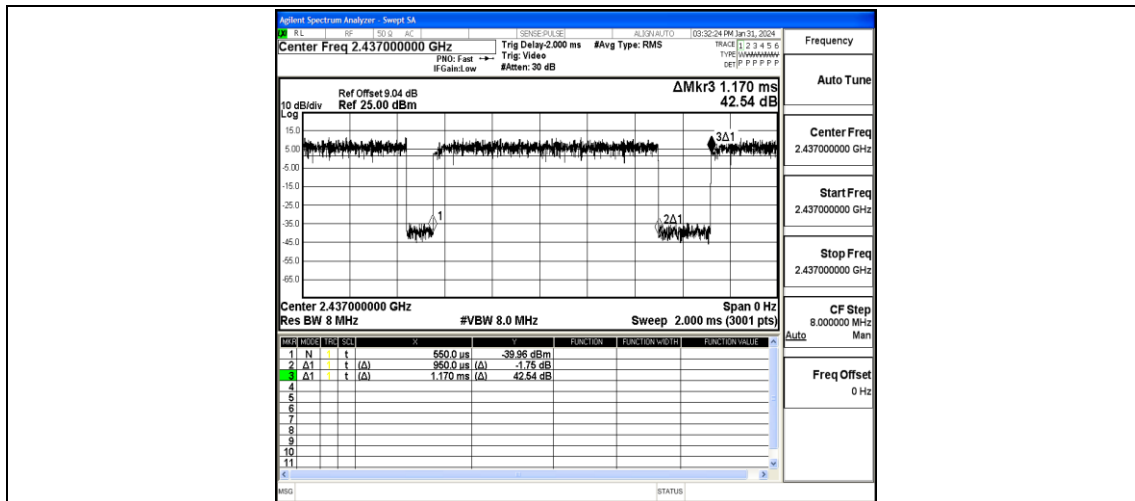
NTNV-11N20MIMO-Ant2-2412



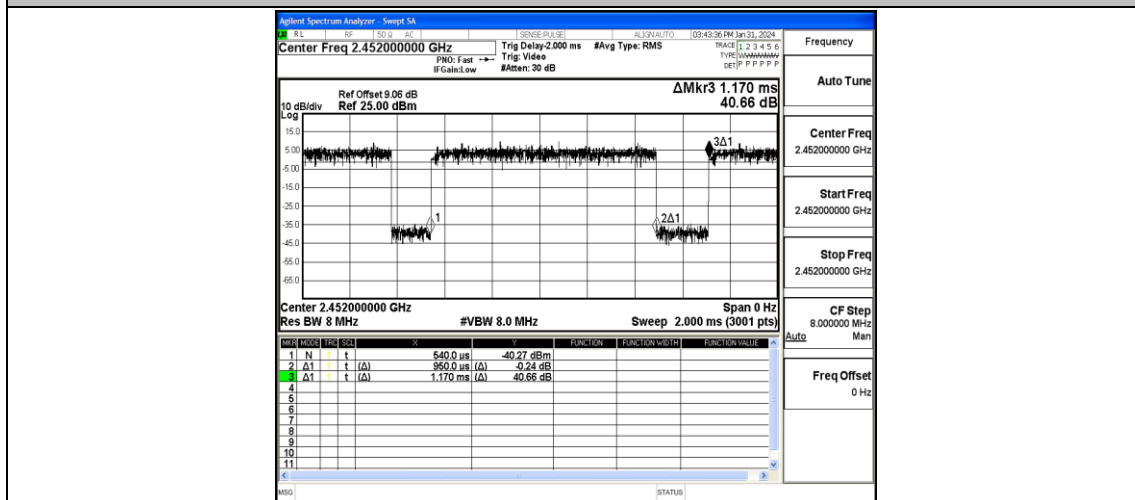
NTNV-11N20MIMO-Ant1-2437



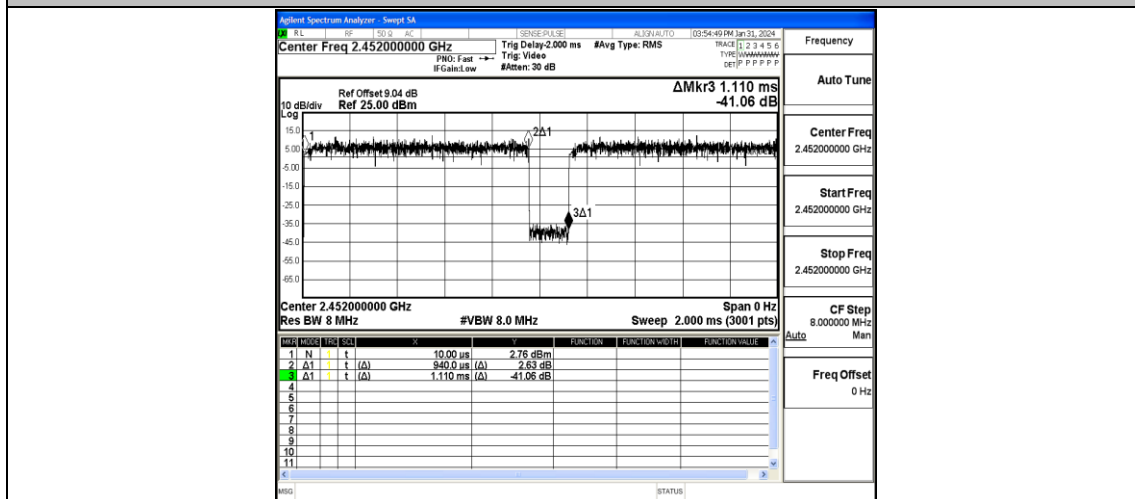




NTNV-11N40MIMO-Ant2-2437



NTNV-11N40MIMO-Ant1-2452



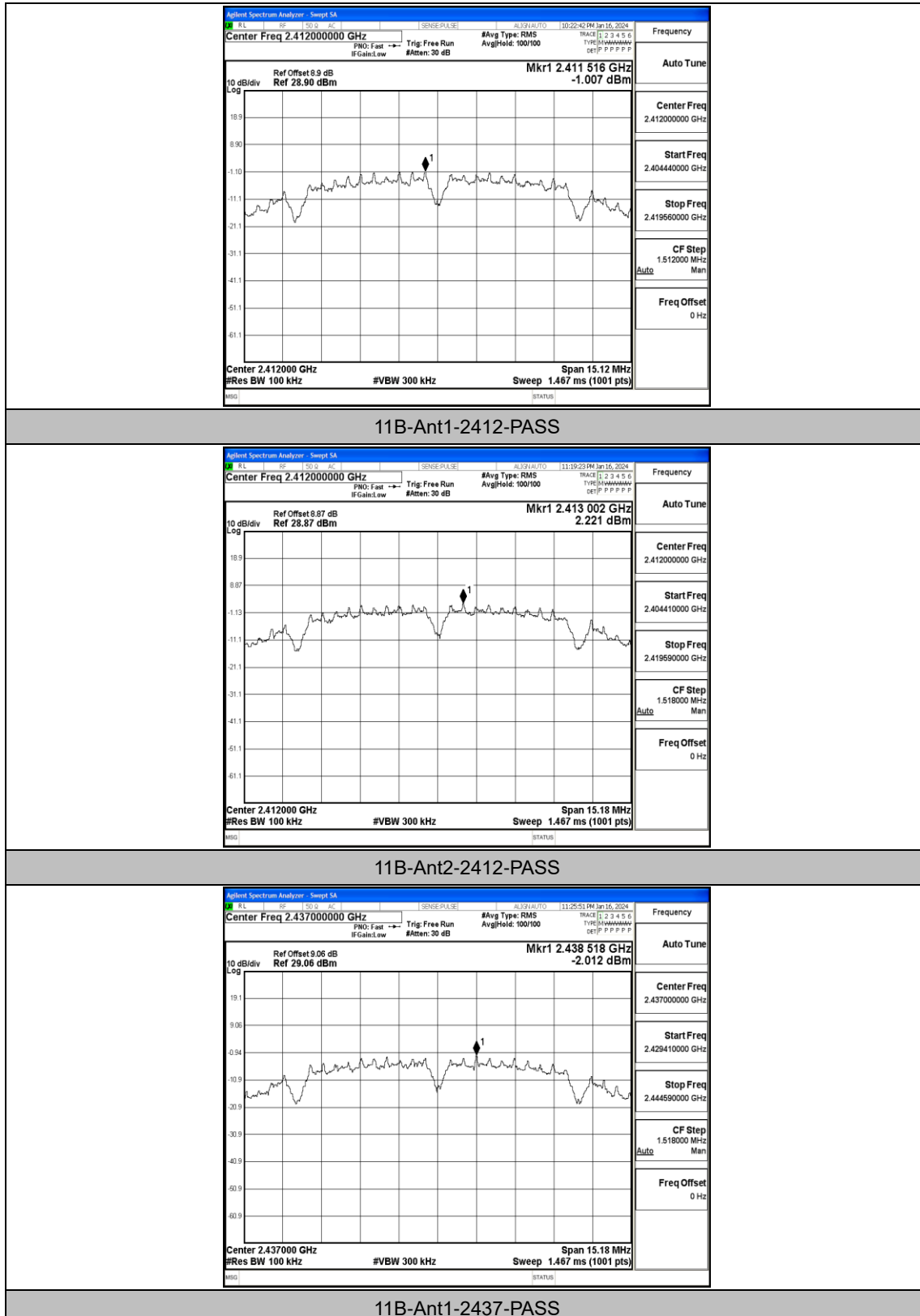
NTNV-11N40MIMO-Ant2-2452

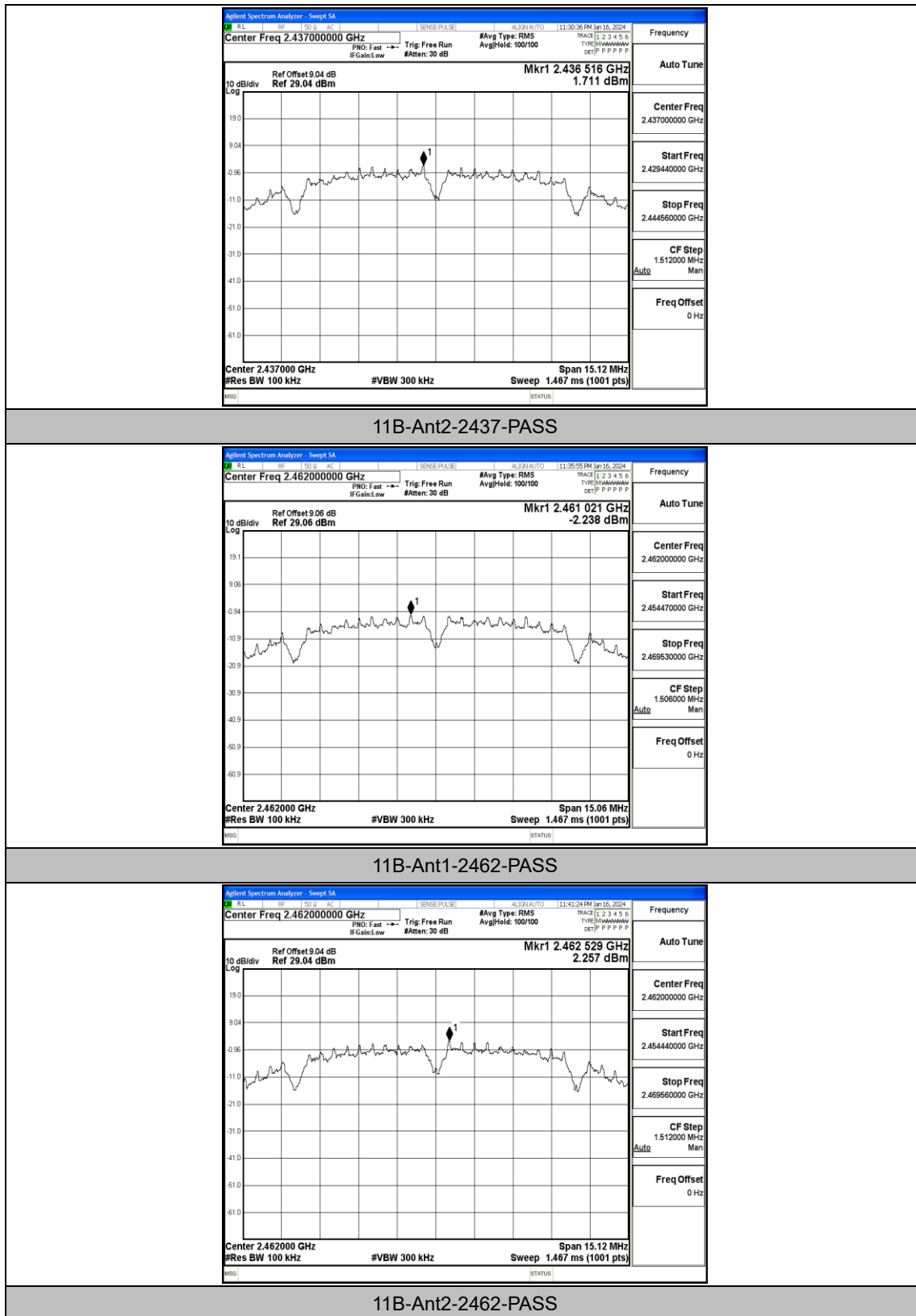
Appendix H: Reference level measurement

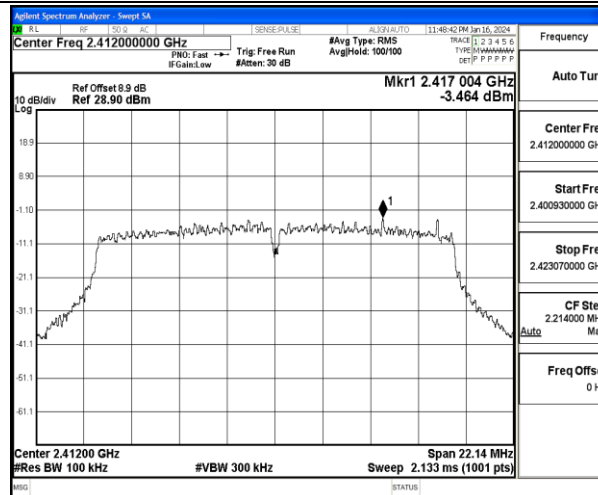
Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.52	-1.01
11B	Ant2	2412	2413.00	2.22
11B	Ant1	2437	2438.52	-2.01
11B	Ant2	2437	2436.52	1.71
11B	Ant1	2462	2461.02	-2.24
11B	Ant2	2462	2462.53	2.26
11G	Ant1	2412	2417.00	-3.46
11G	Ant2	2412	2415.75	-0.27
11G	Ant1	2437	2432.02	-6.22
11G	Ant2	2437	2435.77	-2.88
11G	Ant1	2462	2459.53	-5.87
11G	Ant2	2462	2460.73	-3.20
11N20MIMO	Ant1	2412	2415.74	-5.68
11N20MIMO	Ant2	2412	2409.54	-2.85
11N20MIMO	Ant1	2437	2434.50	-6.10
11N20MIMO	Ant2	2437	2439.51	-2.82
11N20MIMO	Ant1	2462	2463.27	-4.00
11N20MIMO	Ant2	2462	2463.26	-1.90
11N40MIMO	Ant1	2422	2424.54	-7.40
11N40MIMO	Ant2	2422	2425.78	-4.65
11N40MIMO	Ant1	2437	2432.00	-7.85
11N40MIMO	Ant2	2437	2434.48	-5.43
11N40MIMO	Ant1	2452	2455.77	-8.18
11N40MIMO	Ant2	2452	2455.78	-5.29

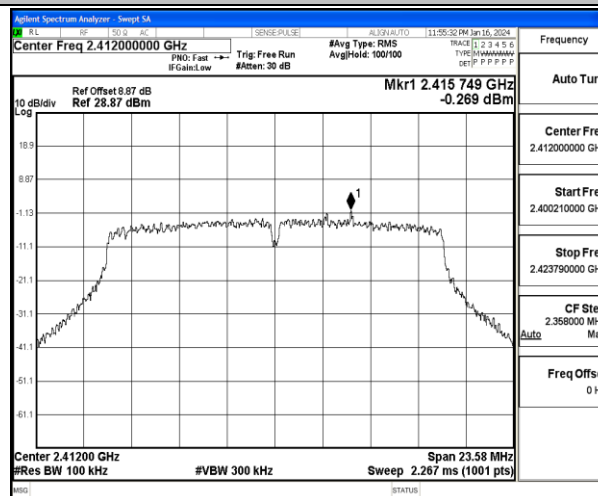
Test Graphs



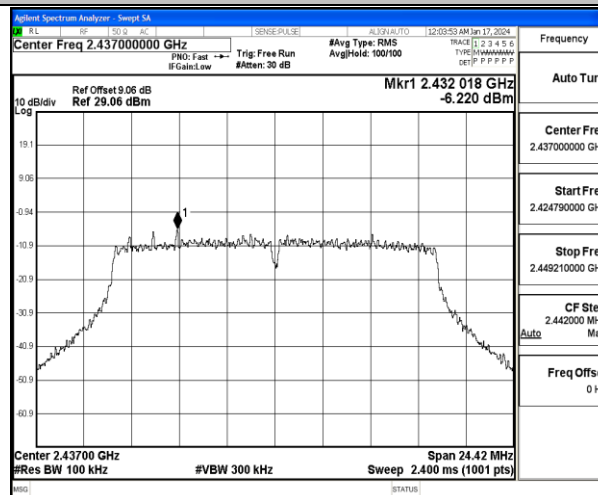




11G-Ant1-2412-PASS



11G-Ant2-2412-PASS



11G-Ant1-2437-PASS

