

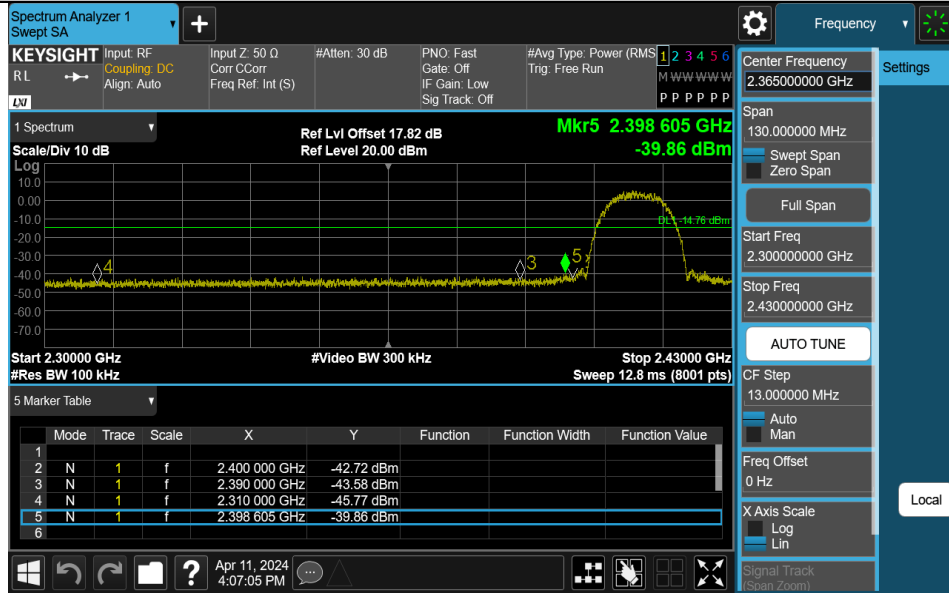
Appendix F: Band edge measurements

Test Result

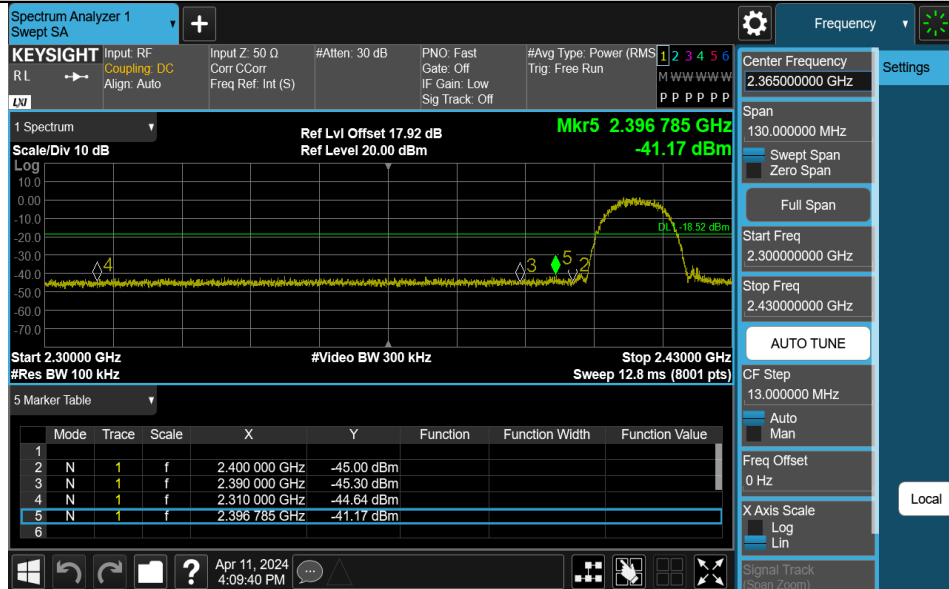
Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.24	-39.86	≤-14.76	PASS
11B	Ant2	Low	2412	1.48	-41.17	≤-18.52	PASS
11B	Ant1	High	2462	4.43	-40.81	≤-15.57	PASS
11B	Ant2	High	2462	1.65	-40.76	≤-18.35	PASS
11G	Ant1	Low	2412	3.20	-35.07	≤-16.8	PASS
11G	Ant2	Low	2412	-0.80	-38.44	≤-20.8	PASS
11G	Ant1	High	2462	2.42	-39.8	≤-17.58	PASS
11G	Ant2	High	2462	-0.48	-40.29	≤-20.48	PASS
11N20MIMO	Ant1	Low	2412	0.70	-36.98	≤-19.3	PASS
11N20MIMO	Ant2	Low	2412	-2.88	-40.71	≤-22.88	PASS
11N20MIMO	Ant1	High	2462	0.23	-41.18	≤-19.77	PASS
11N20MIMO	Ant2	High	2462	-2.44	-40.78	≤-22.44	PASS
11N40MIMO	Ant1	Low	2422	-1.64	-38.09	≤-21.64	PASS
11N40MIMO	Ant2	Low	2422	-5.62	-40.1	≤-25.62	PASS
11N40MIMO	Ant1	High	2452	-3.10	-41.07	≤-23.1	PASS
11N40MIMO	Ant2	High	2452	-6.47	-41.6	≤-26.47	PASS

Test Graphs

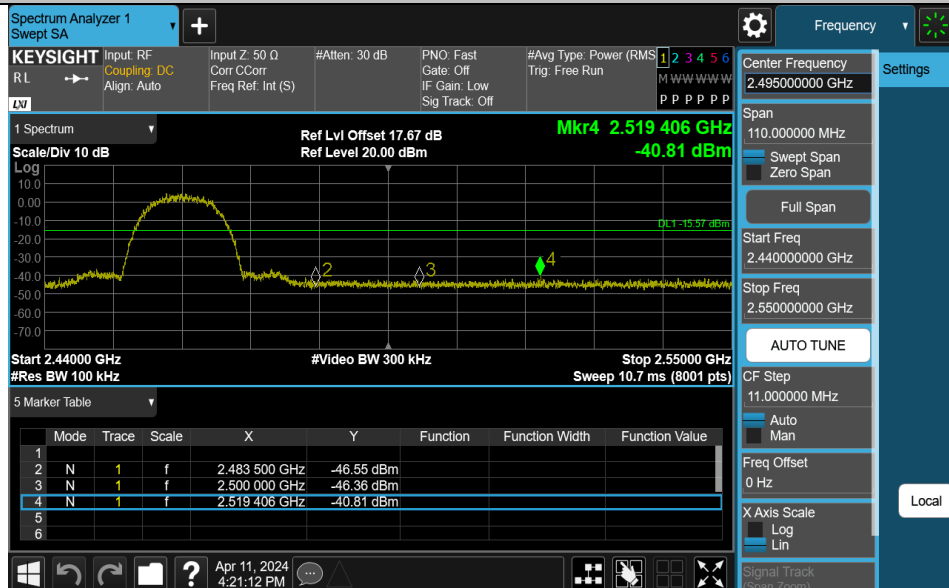
11B-Ant1-2412-PASS



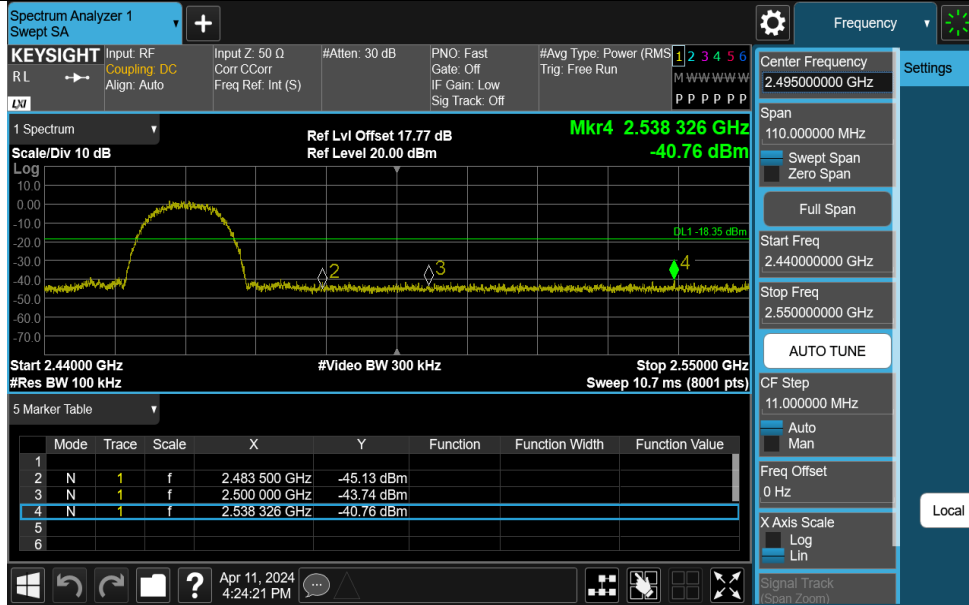
11B-Ant2-2412-PASS



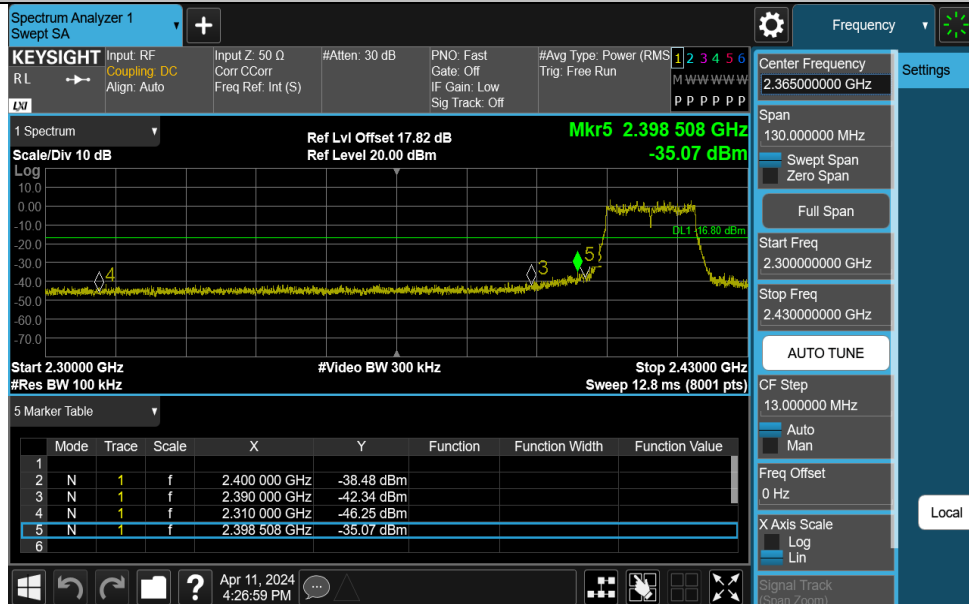
11B-Ant1-2462-PASS



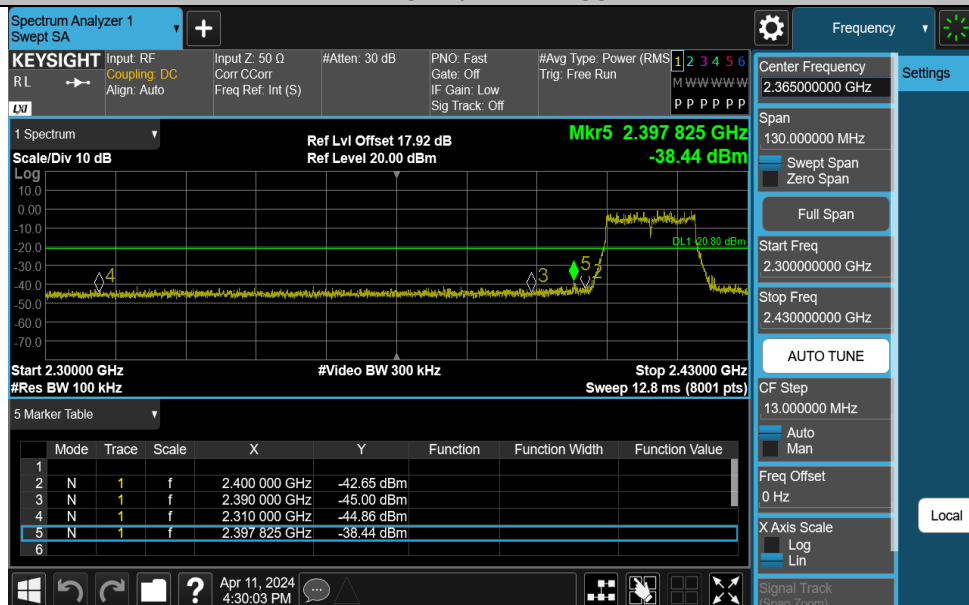
11B-Ant2-2462-PASS



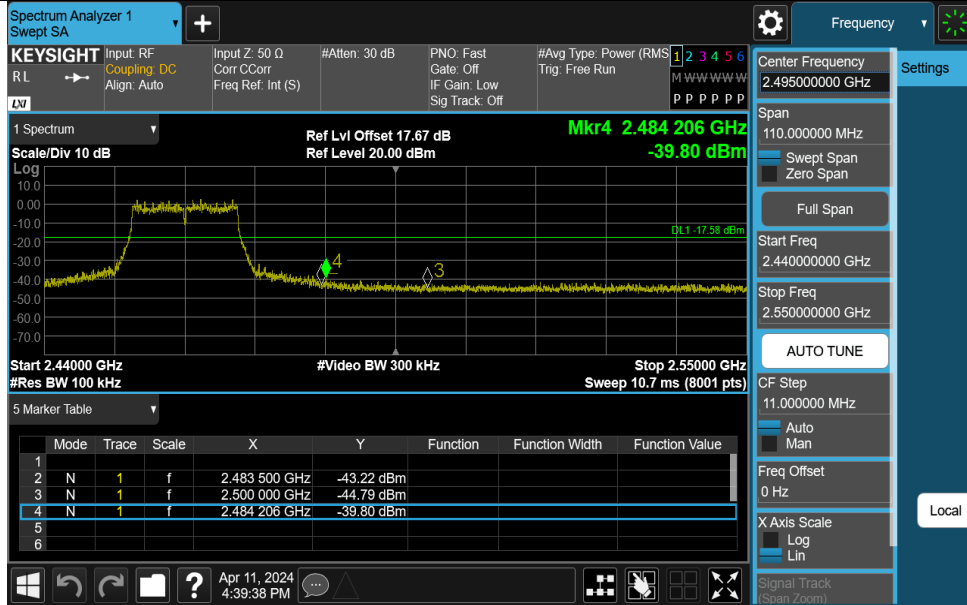
11G-Ant1-2412-PASS



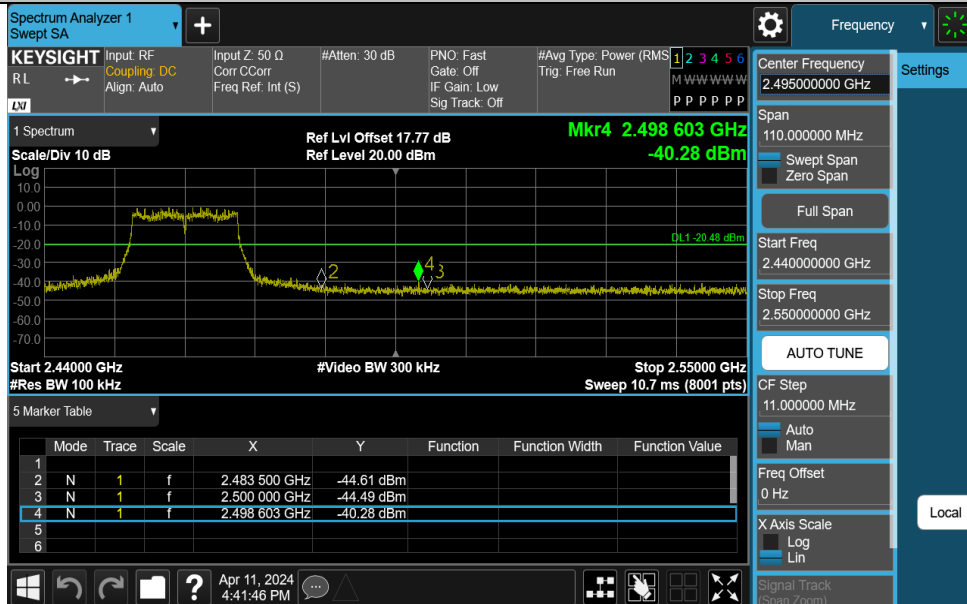
11G-Ant2-2412-PASS



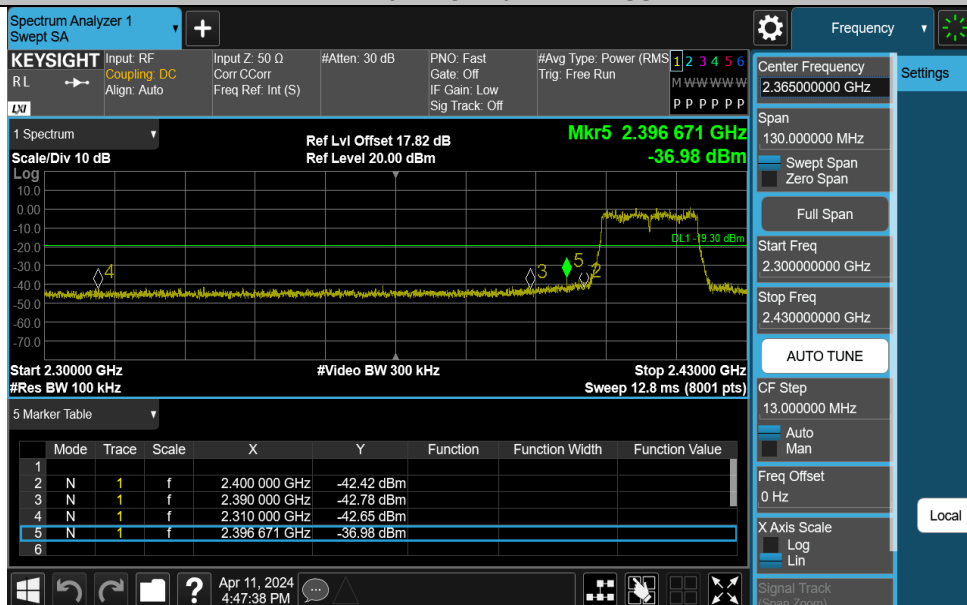
11G-Ant1-2462-PASS



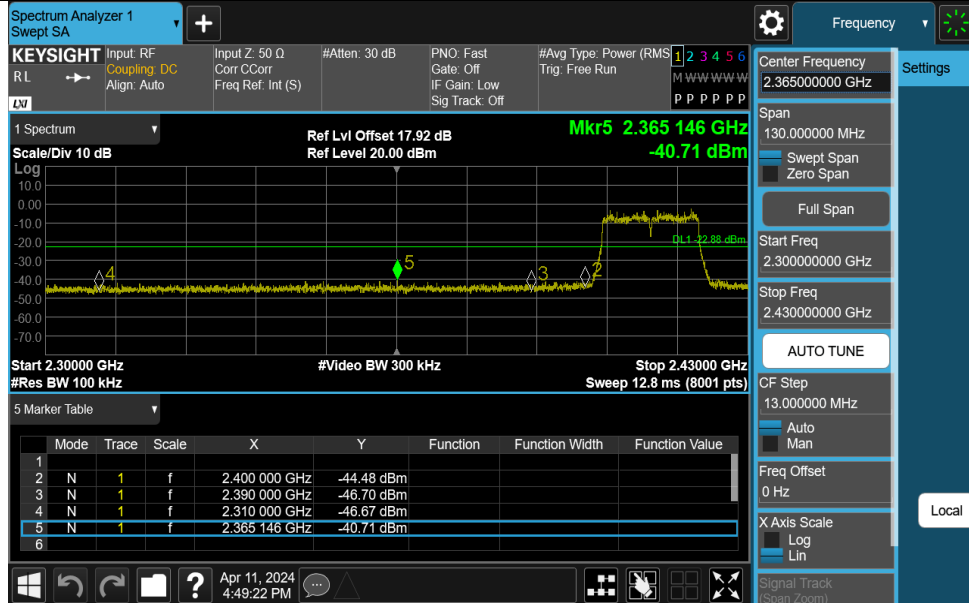
11G-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS



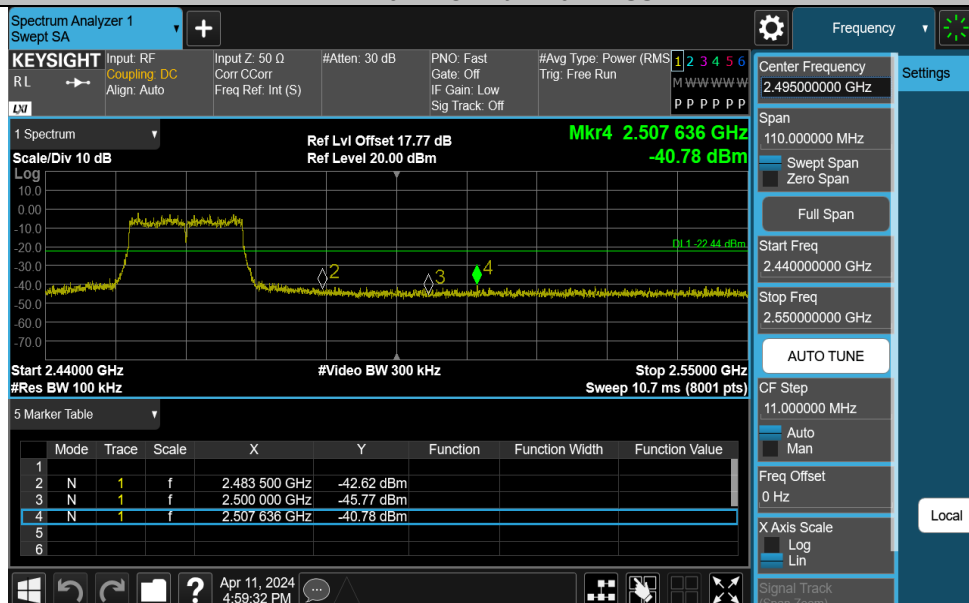
11N20MIMO-Ant2-2412-PASS



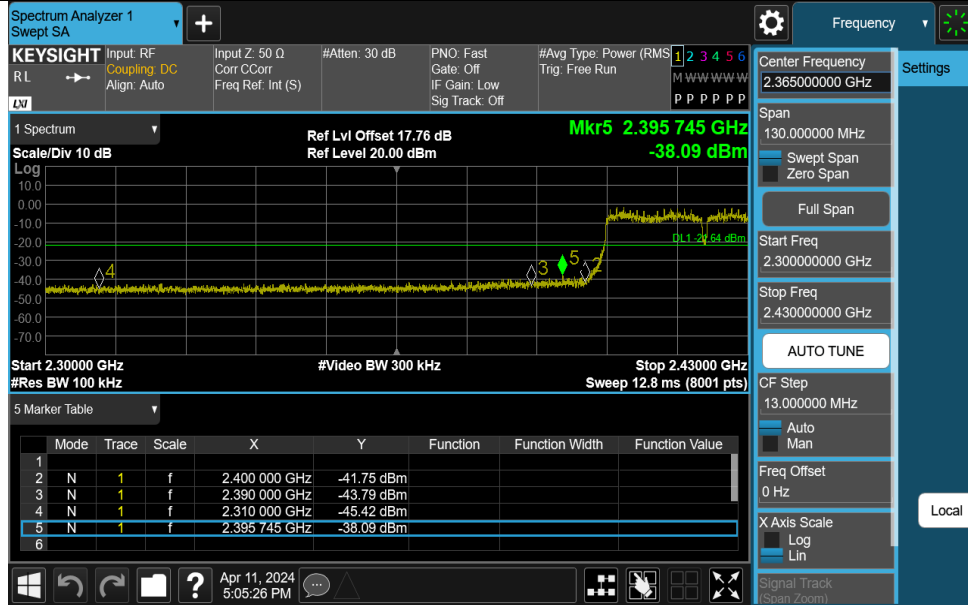
11N20MIMO-Ant1-2462-PASS



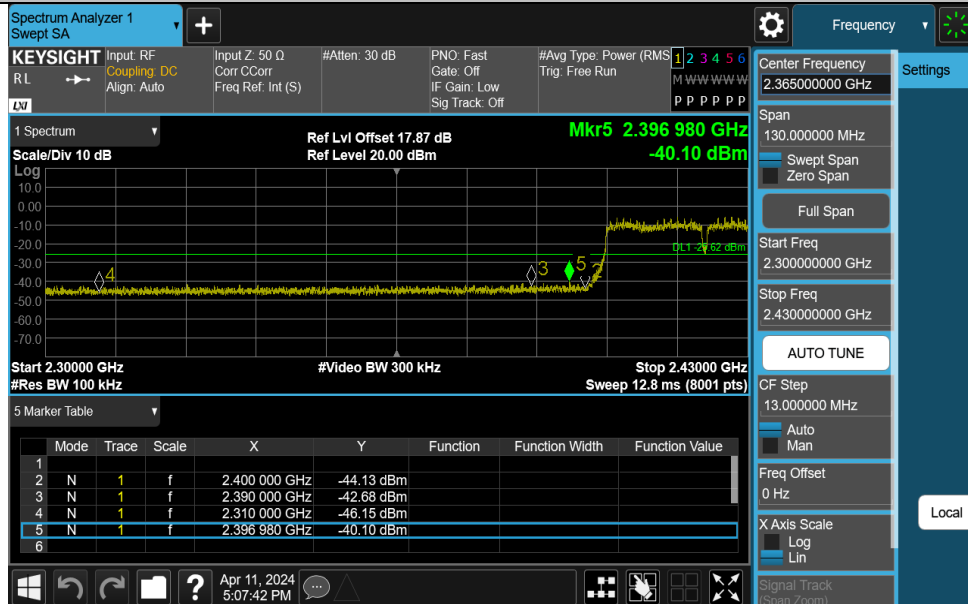
11N20MIMO-Ant2-2462-PASS



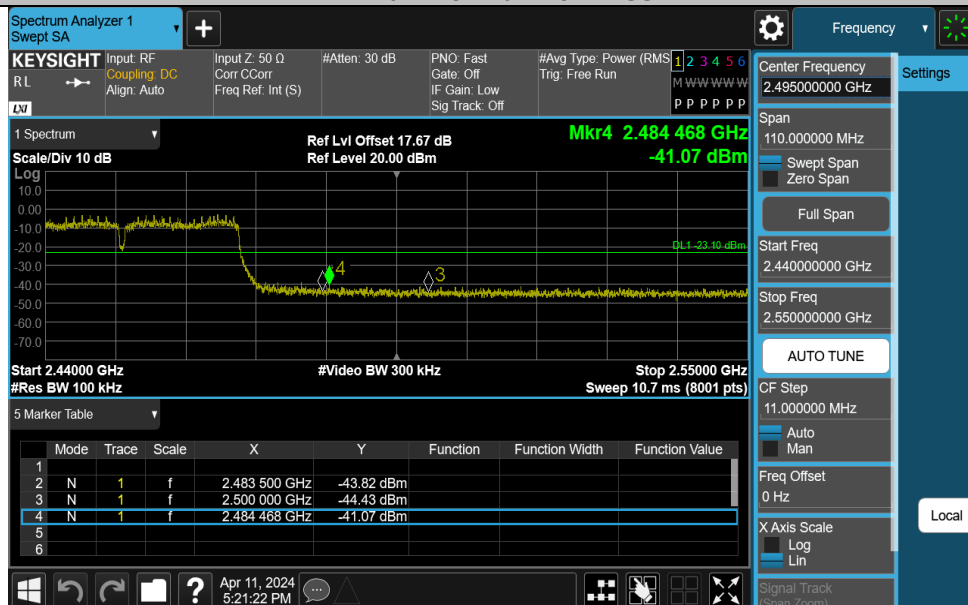
11N40MIMO-Ant1-2422-PASS

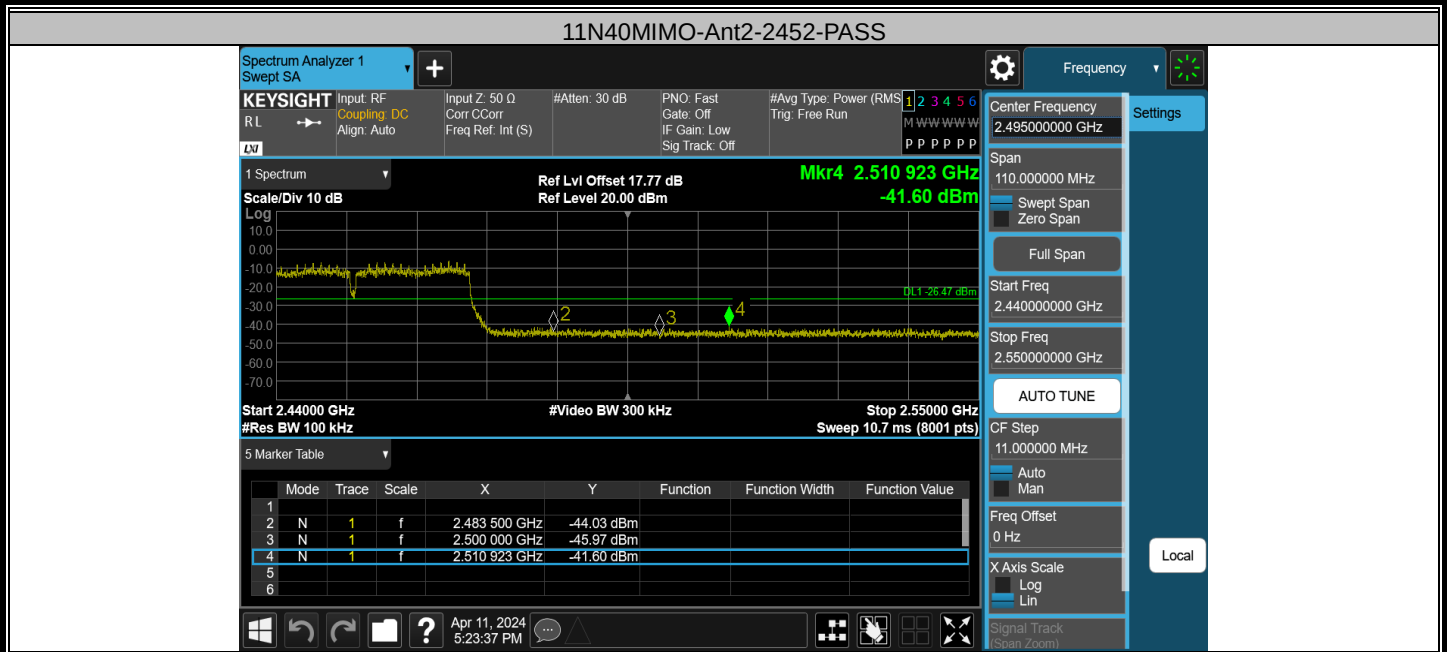


11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2452-PASS



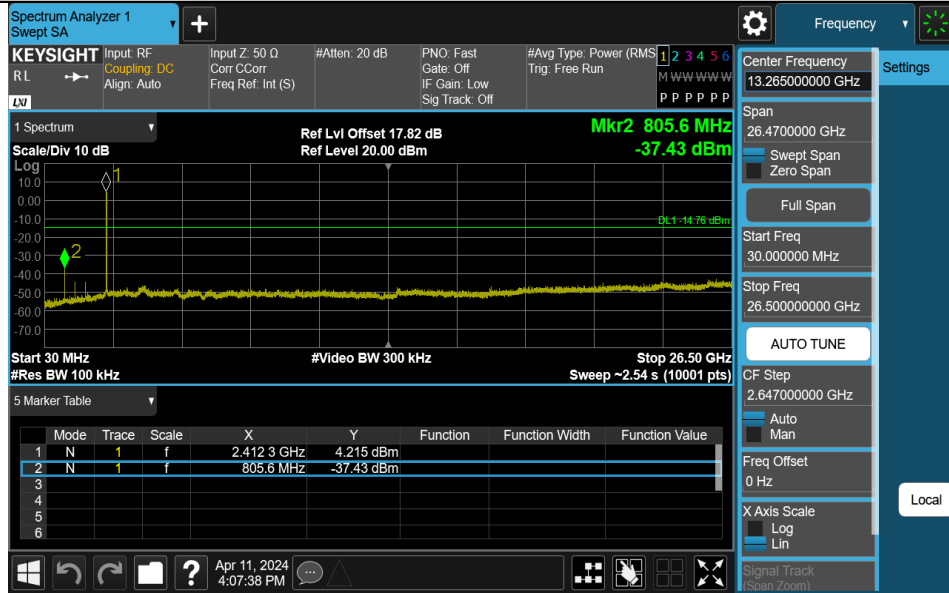


Appendix G: Conducted Spurious Emission Test Result

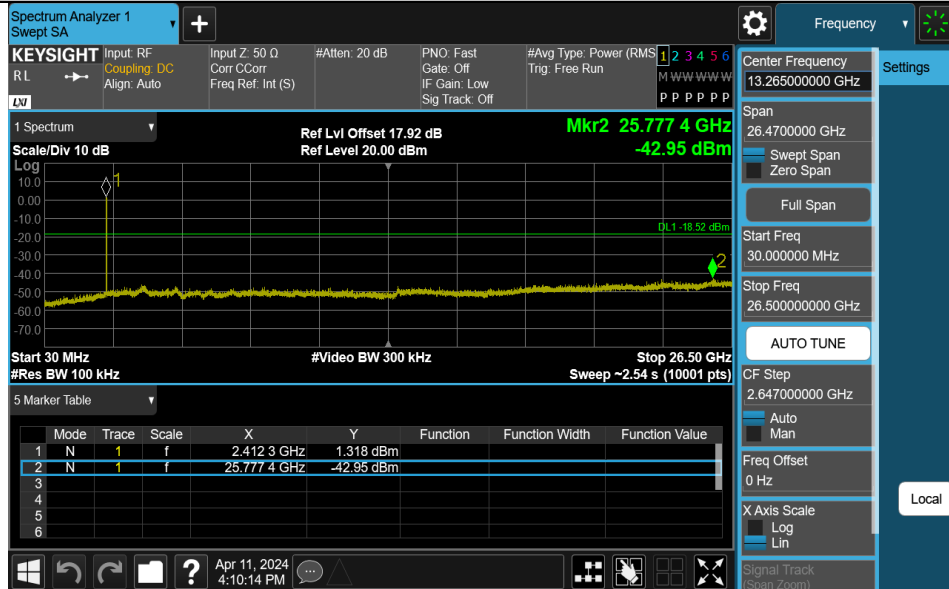
Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	5.24	-37.43	≤-14.76	PASS
11B	Ant2	2412	30~26500	1.48	-42.95	≤-18.52	PASS
11B	Ant1	2437	30~26500	4.84	-39.03	≤-15.16	PASS
11B	Ant2	2437	30~26500	1.52	-43.29	≤-18.48	PASS
11B	Ant1	2462	30~26500	4.43	-40.8	≤-15.57	PASS
11B	Ant2	2462	30~26500	1.65	-28.76	≤-18.35	PASS
11G	Ant1	2412	30~26500	3.20	-39.15	≤-16.8	PASS
11G	Ant2	2412	30~26500	-0.80	-43.01	≤-20.8	PASS
11G	Ant1	2437	30~26500	2.79	-40.79	≤-17.21	PASS
11G	Ant2	2437	30~26500	-0.64	-43.04	≤-20.64	PASS
11G	Ant1	2462	30~26500	2.42	-43.09	≤-17.58	PASS
11G	Ant2	2462	30~26500	-0.48	-43.46	≤-20.48	PASS
11N20MIMO	Ant1	2412	30~26500	0.70	-42.64	≤-19.3	PASS
11N20MIMO	Ant2	2412	30~26500	-2.88	-41.91	≤-22.88	PASS
11N20MIMO	Ant1	2437	30~26500	0.43	-42.27	≤-19.57	PASS
11N20MIMO	Ant2	2437	30~26500	-2.64	-43.07	≤-22.64	PASS
11N20MIMO	Ant1	2462	30~26500	0.23	-43.39	≤-19.77	PASS
11N20MIMO	Ant2	2462	30~26500	-2.44	-43.79	≤-22.44	PASS
11N40MIMO	Ant1	2422	30~26500	-1.64	-42.81	≤-21.64	PASS
11N40MIMO	Ant2	2422	30~26500	-5.62	-41.9	≤-25.62	PASS
11N40MIMO	Ant1	2437	30~26500	-2.00	-43.33	≤-22	PASS
11N40MIMO	Ant2	2437	30~26500	-5.39	-43.14	≤-25.39	PASS
11N40MIMO	Ant1	2452	30~26500	-3.10	-43.4	≤-23.1	PASS
11N40MIMO	Ant2	2452	30~26500	-6.47	-43.21	≤-26.47	PASS

Test Graphs

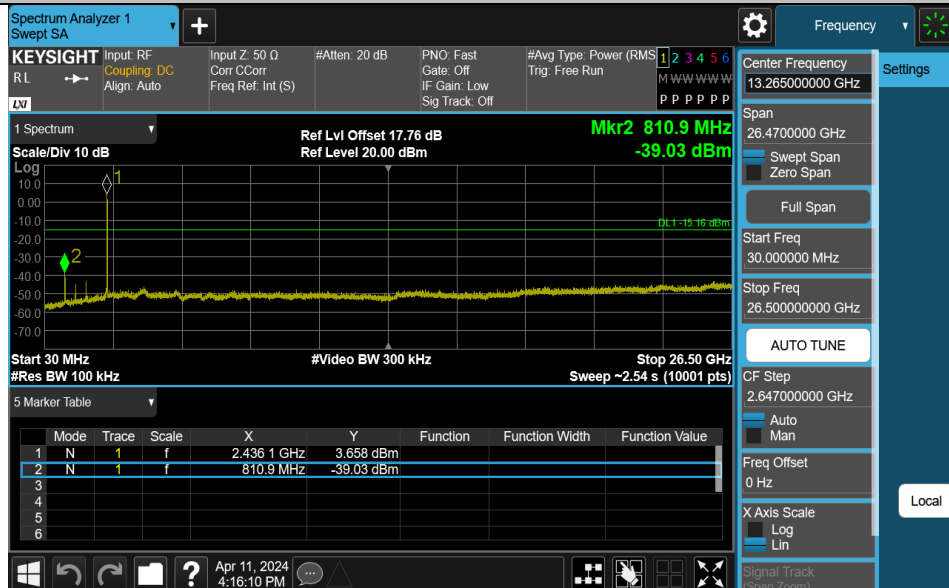
11B-Ant1-2412-30~26500-PASS



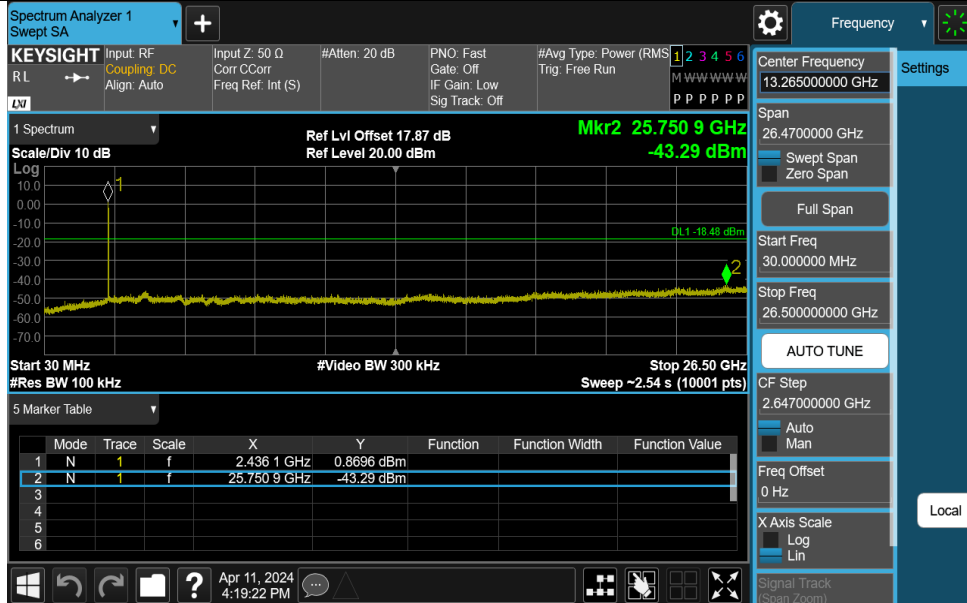
11B-Ant2-2412-30~26500-PASS



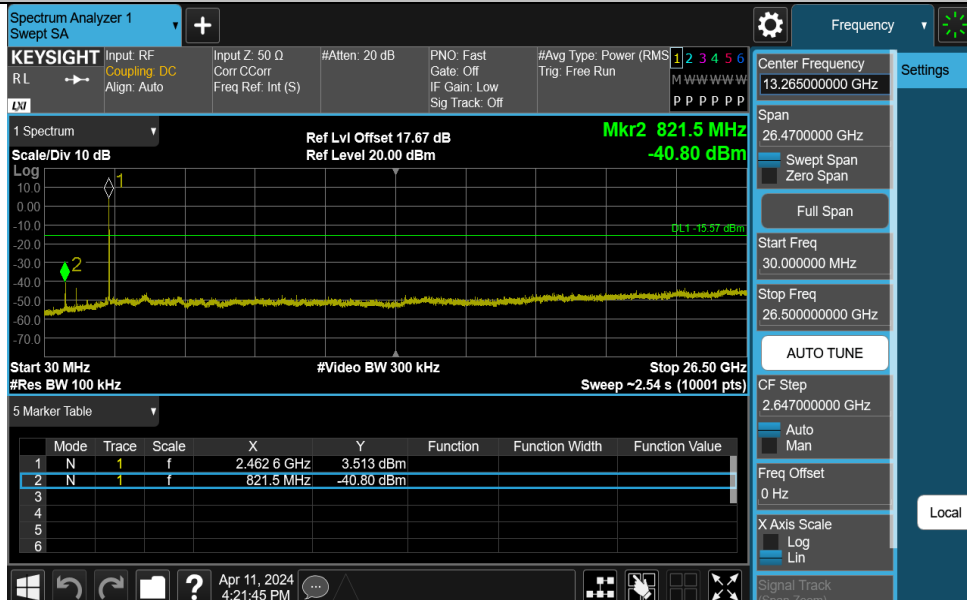
11B-Ant1-2437-30~26500-PASS



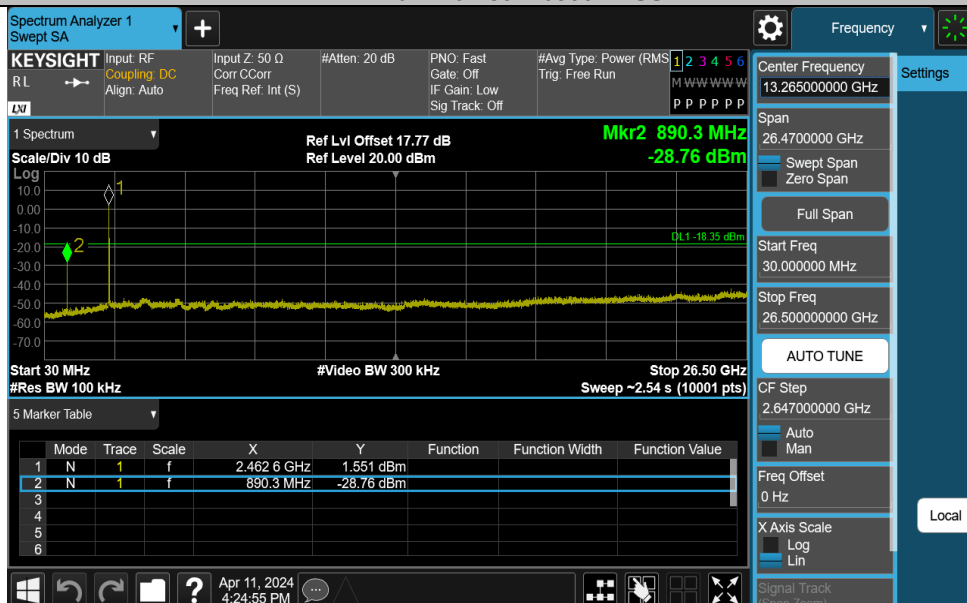
11B-Ant2-2437-30~26500-PASS



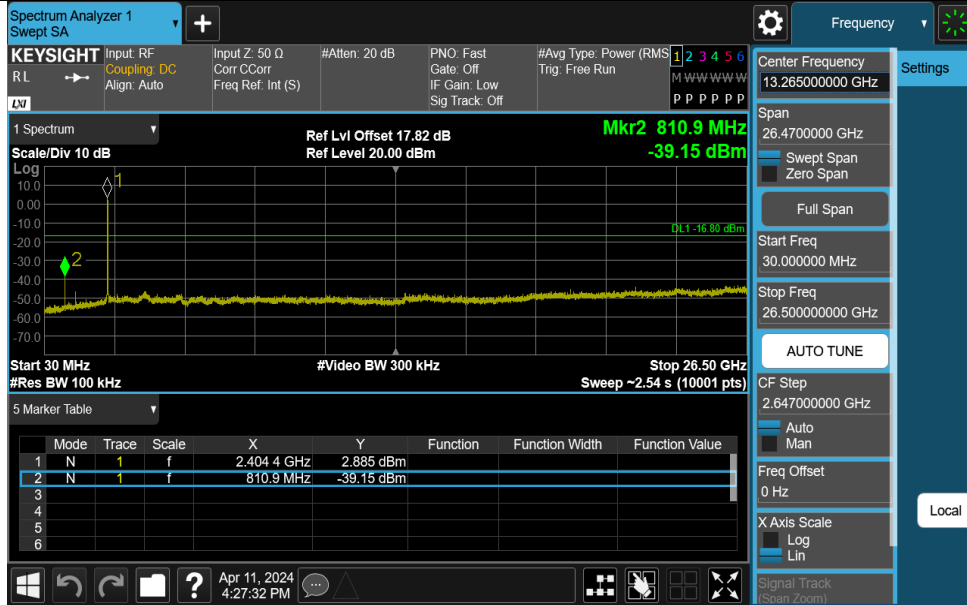
11B-Ant1-2462-30~26500-PASS



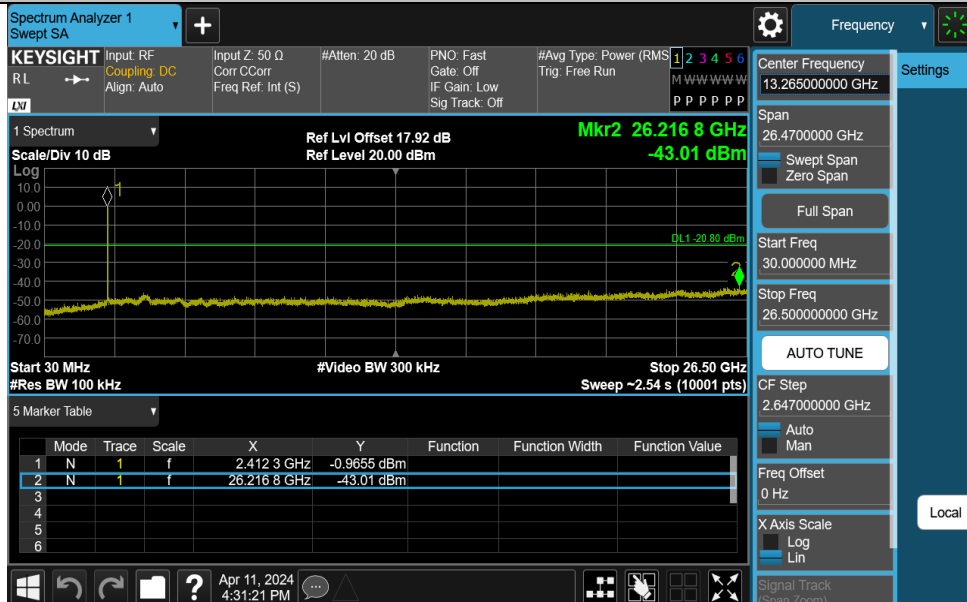
11B-Ant2-2462-30~26500-PASS



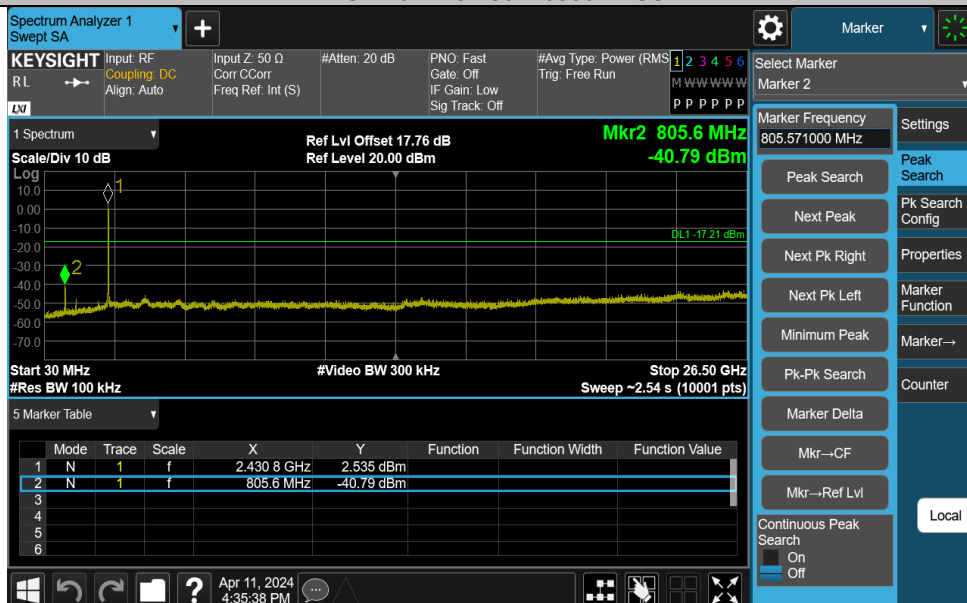
11G-Ant1-2412-30-26500-PASS



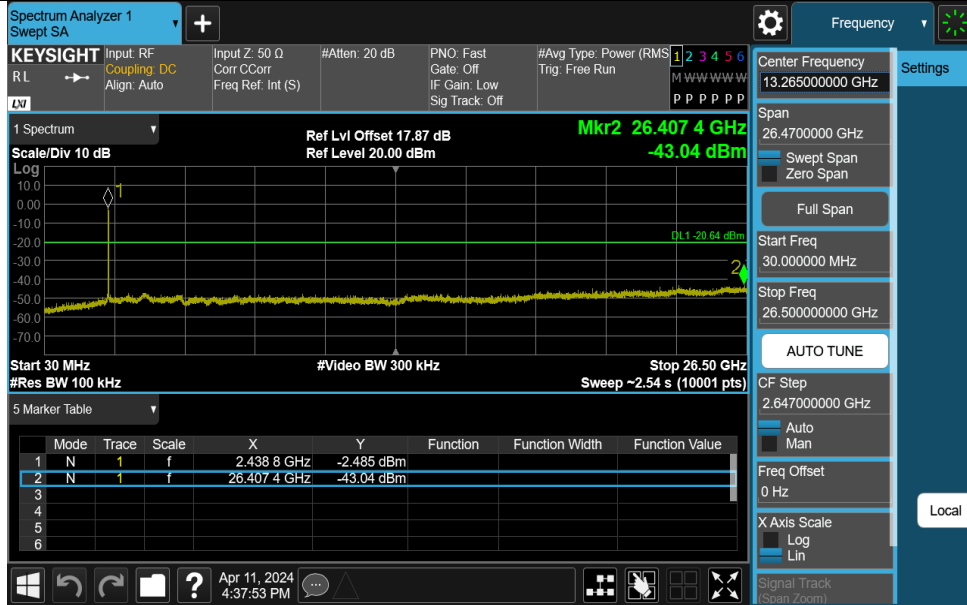
11G-Ant2-2412-30-26500-PASS



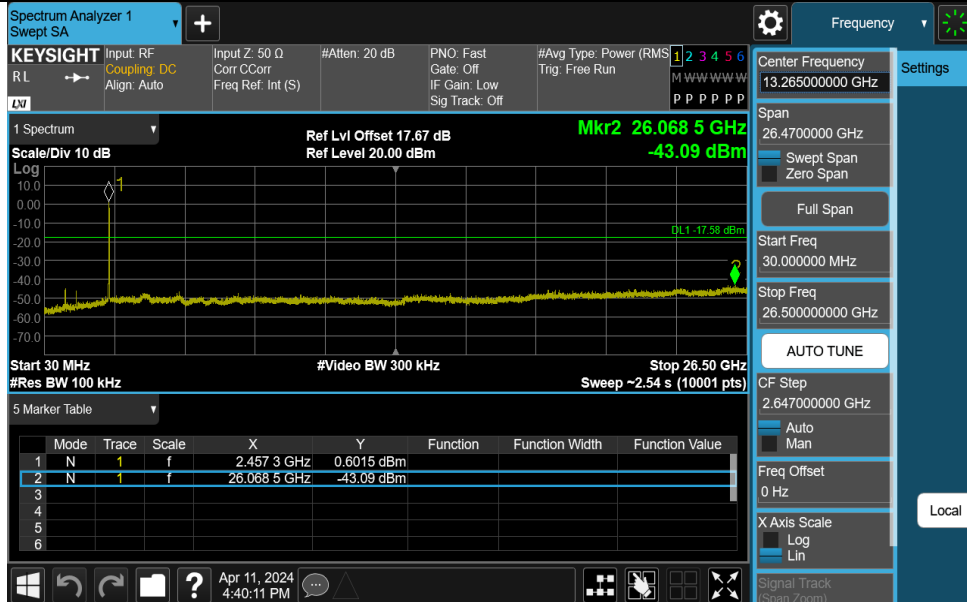
11G-Ant1-2437-30-26500-PASS



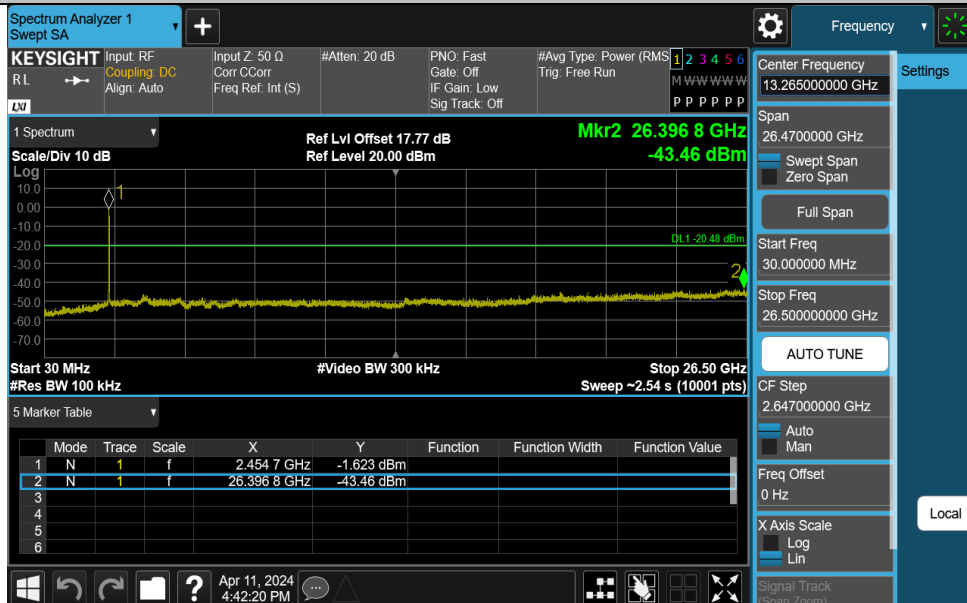
11G-Ant2-2437-30~26500-PASS



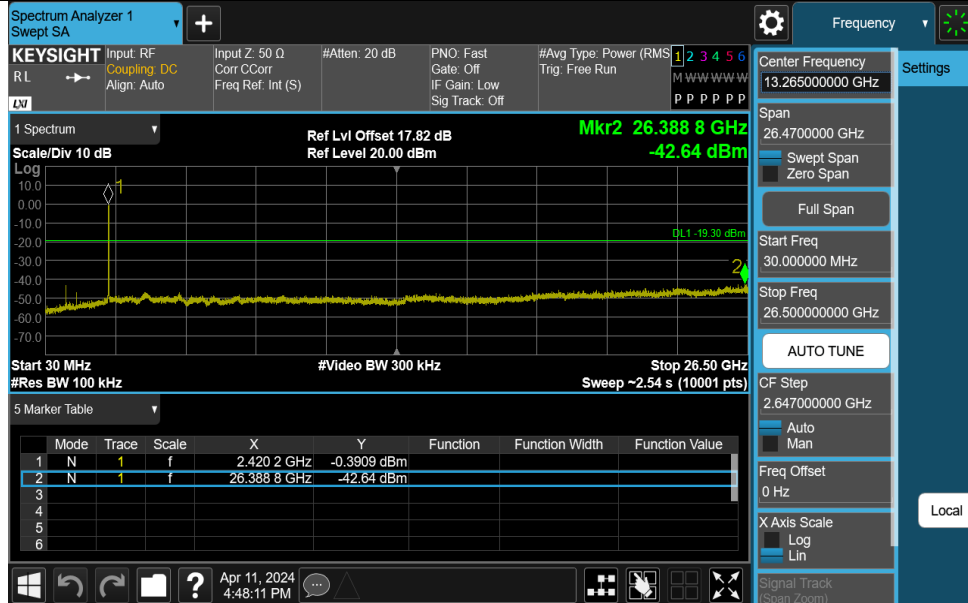
11G-Ant1-2462-30~26500-PASS



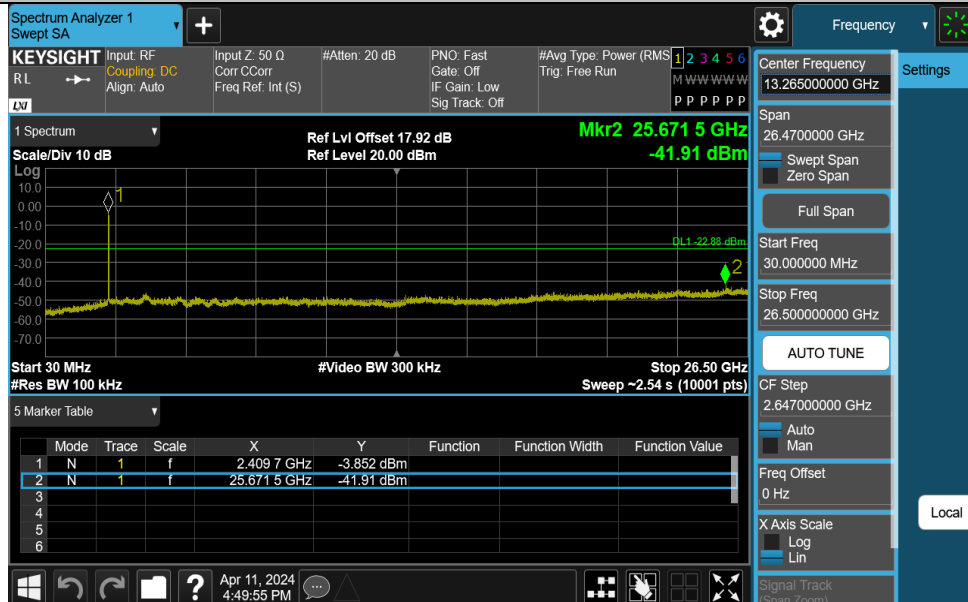
11G-Ant2-2462-30~26500-PASS



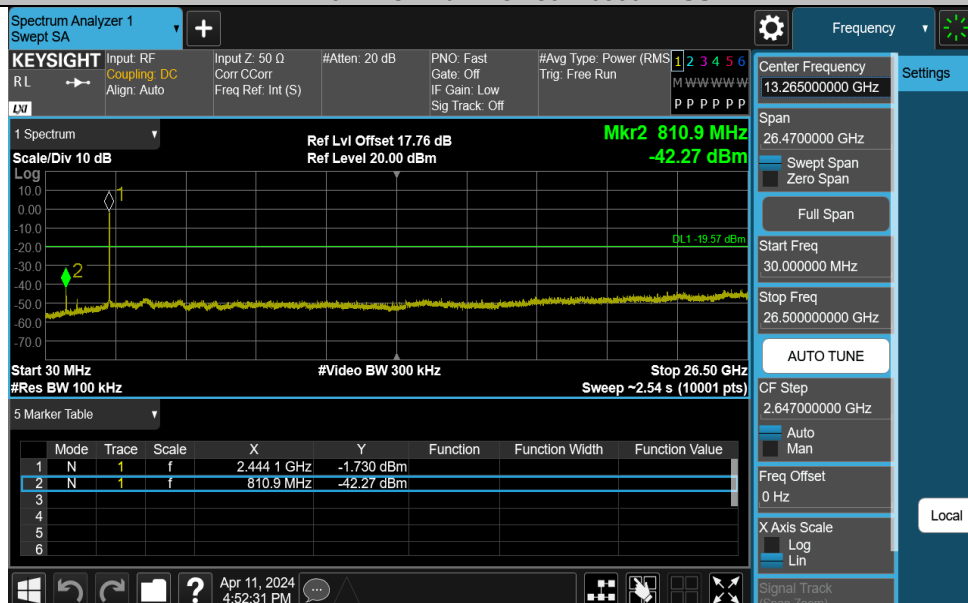
11N20MIMO-Ant1-2412-30~26500-PASS



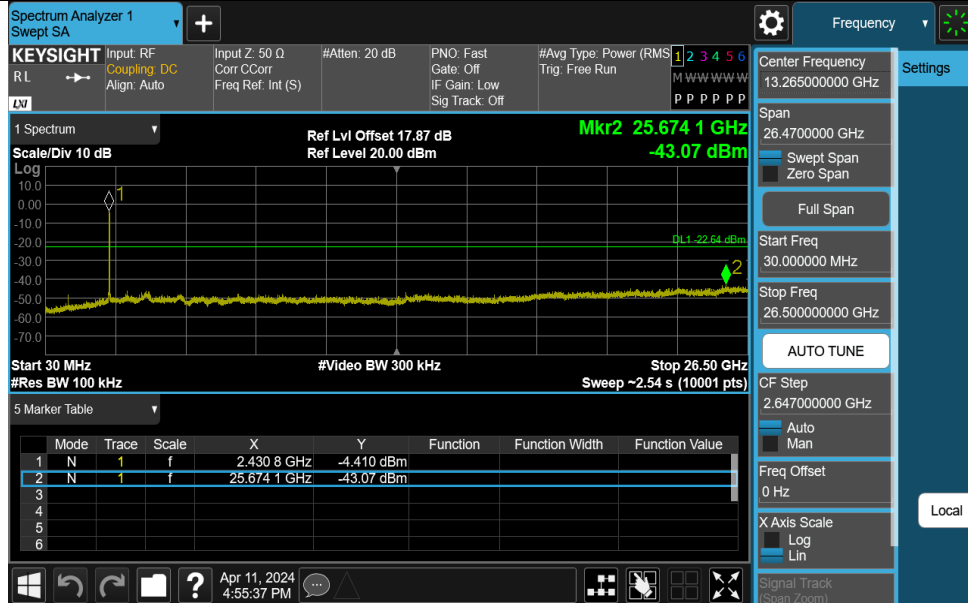
11N20MIMO-Ant2-2412-30~26500-PASS



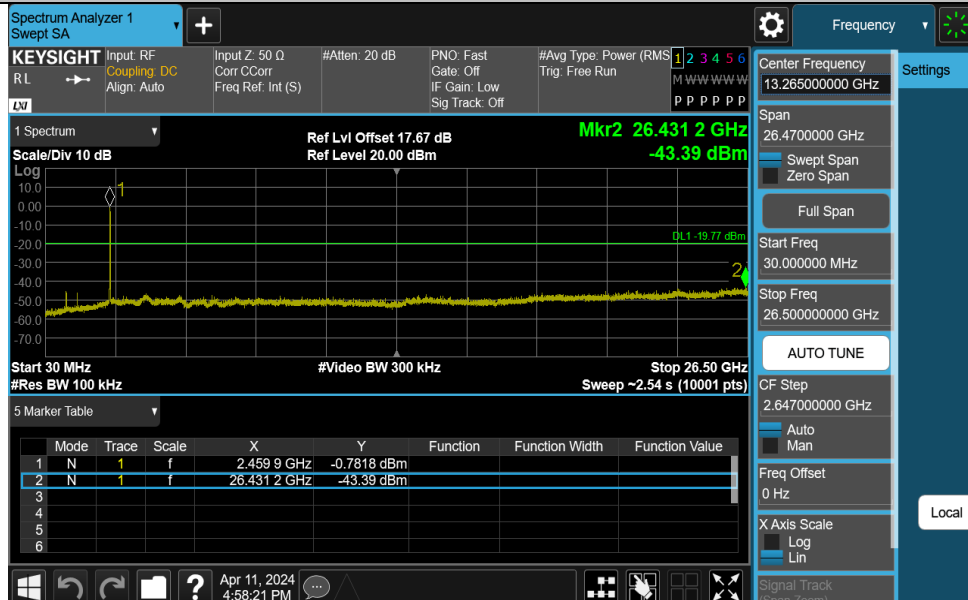
11N20MIMO-Ant1-2437-30~26500-PASS



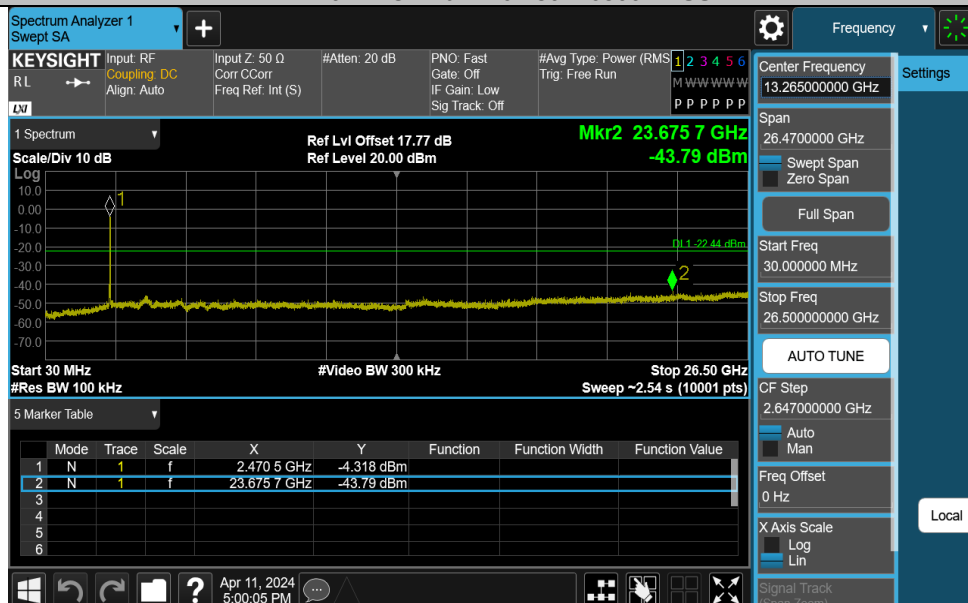
11N20MIMO-Ant2-2437-30~26500-PASS



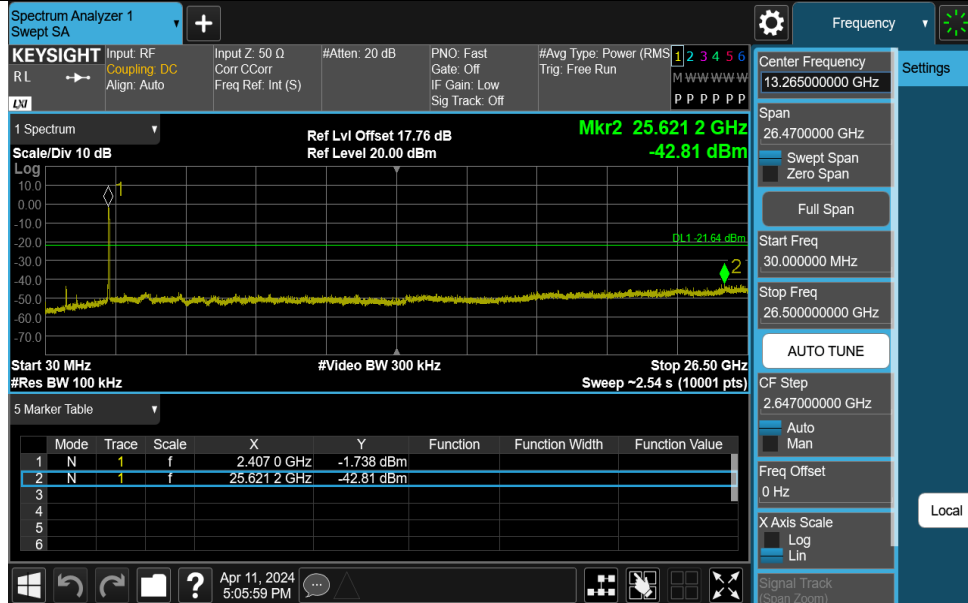
11N20MIMO-Ant1-2462-30~26500-PASS



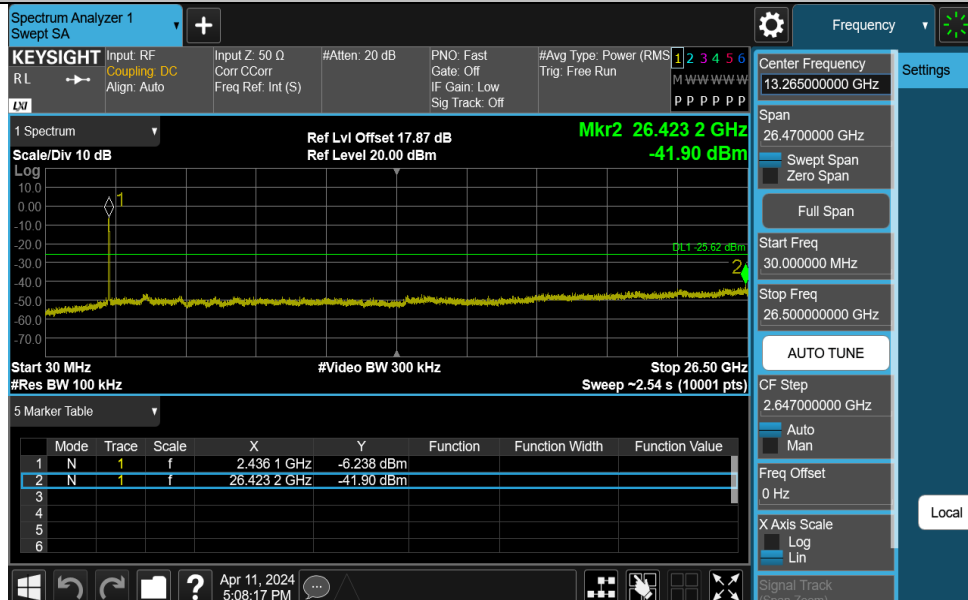
11N20MIMO-Ant2-2462-30~26500-PASS



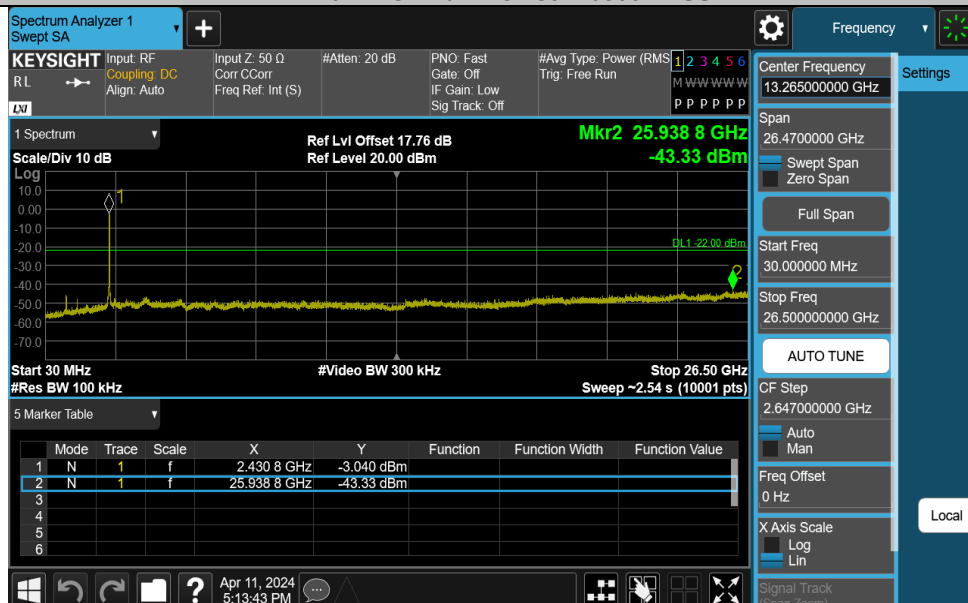
11N40MIMO-Ant1-2422-30~26500-PASS



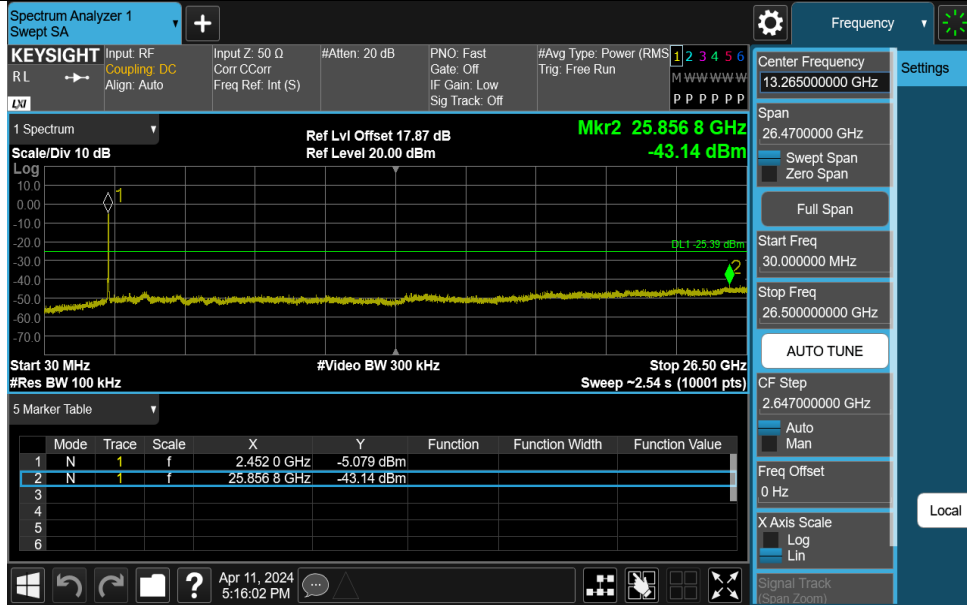
11N40MIMO-Ant2-2422-30~26500-PASS



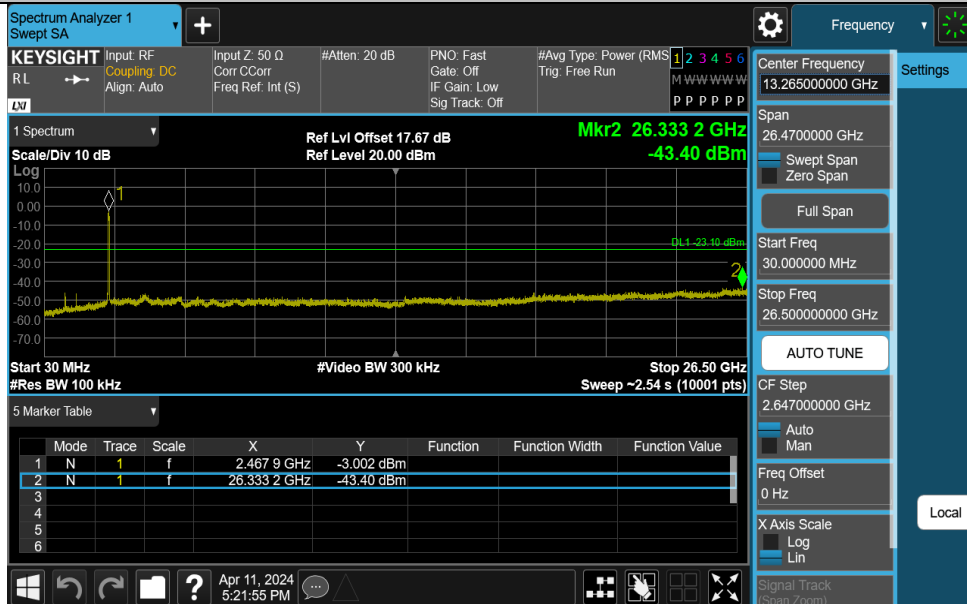
11N40MIMO-Ant1-2437-30~26500-PASS



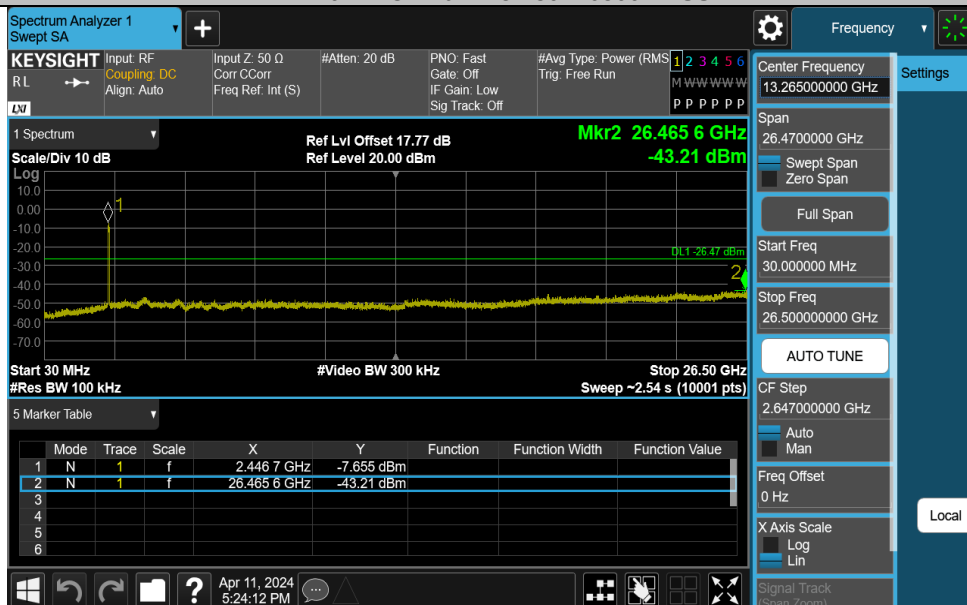
11N40MIMO-Ant2-2437-30~26500-PASS



11N40MIMO-Ant1-2452-30~26500-PASS



11N40MIMO-Ant2-2452-30~26500-PASS

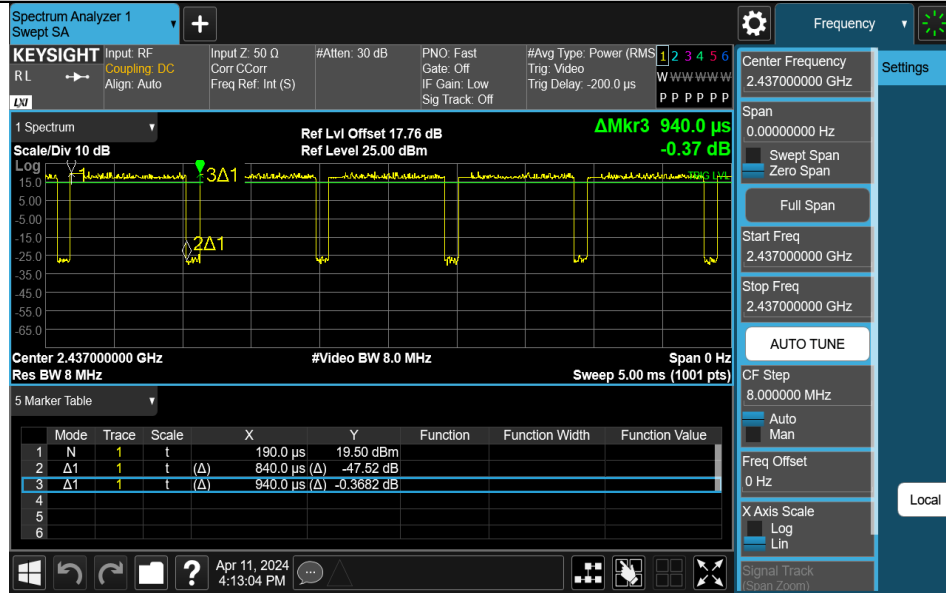


Appendix H: Duty Cycle Test Result

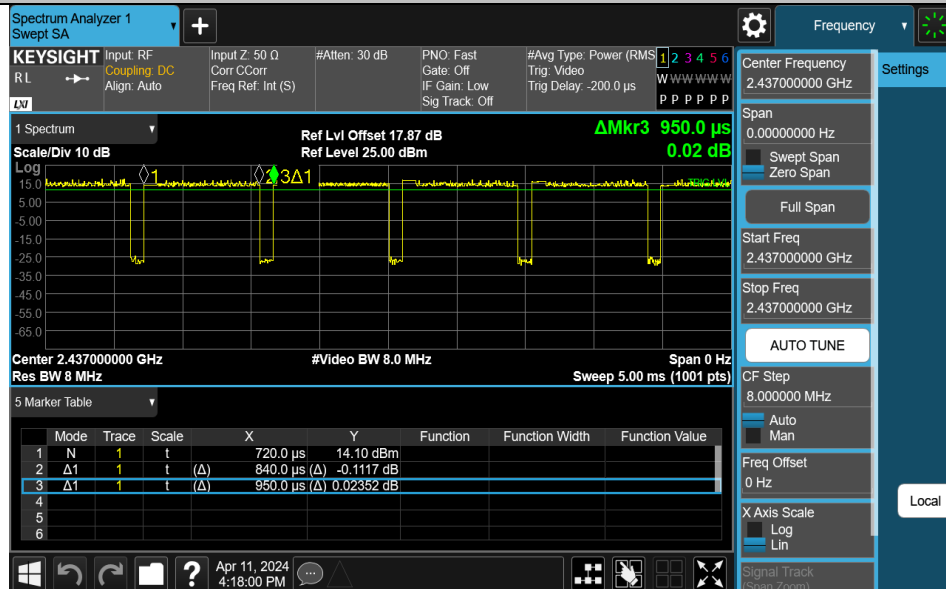
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	0.84	0.94	89.36
11B	Ant2	2437	0.84	0.95	88.42
11G	Ant1	2437	0.36	0.47	76.60
11G	Ant2	2437	0.36	0.46	78.26
11N20MIMO	Ant1	2437	0.51	0.61	83.61
11N20MIMO	Ant2	2437	0.51	0.62	82.26
11N40MIMO	Ant1	2437	0.26	0.37	70.27
11N40MIMO	Ant2	2437	0.26	0.36	72.22

Test Graphs

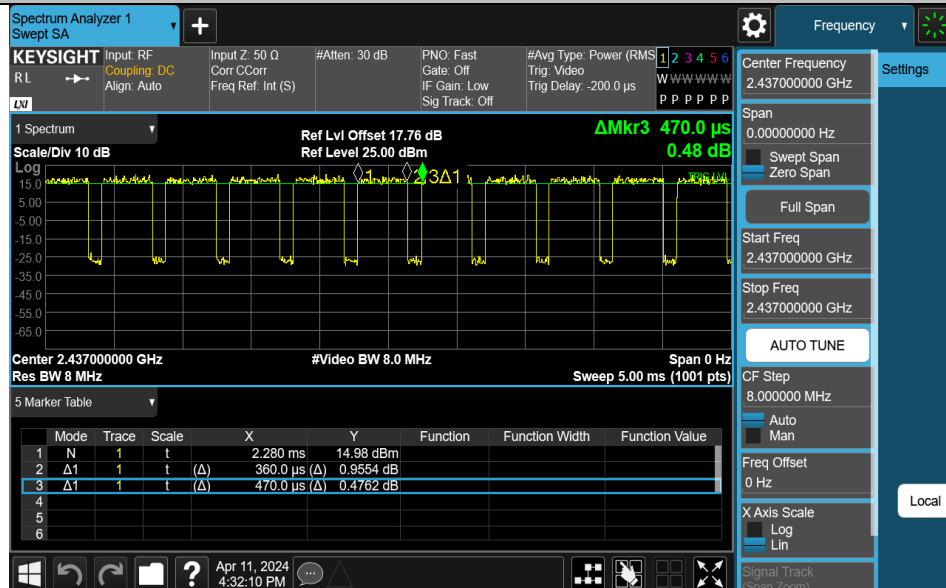
NTNV-11B-Ant1-2437



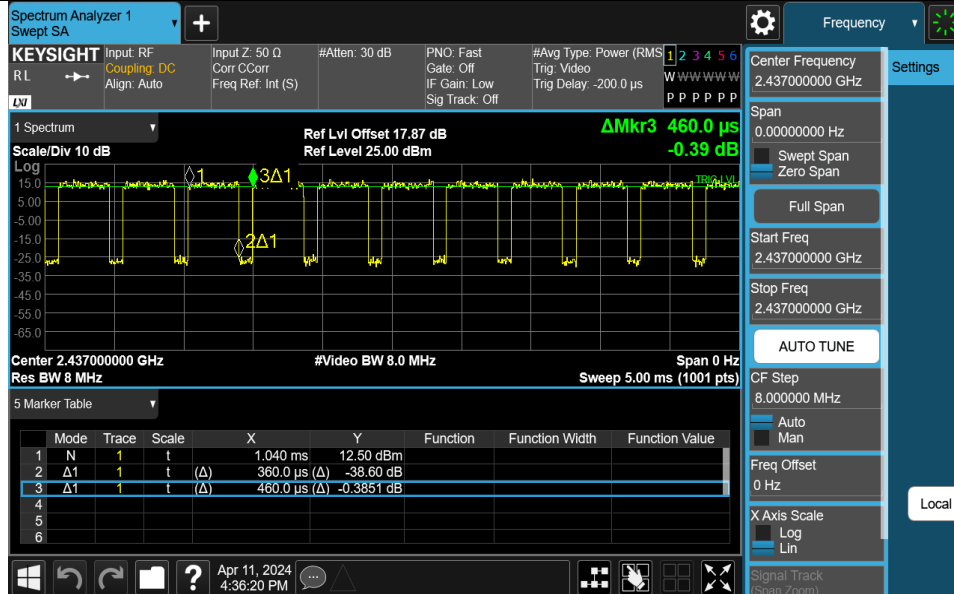
NTNV-11B-Ant2-2437



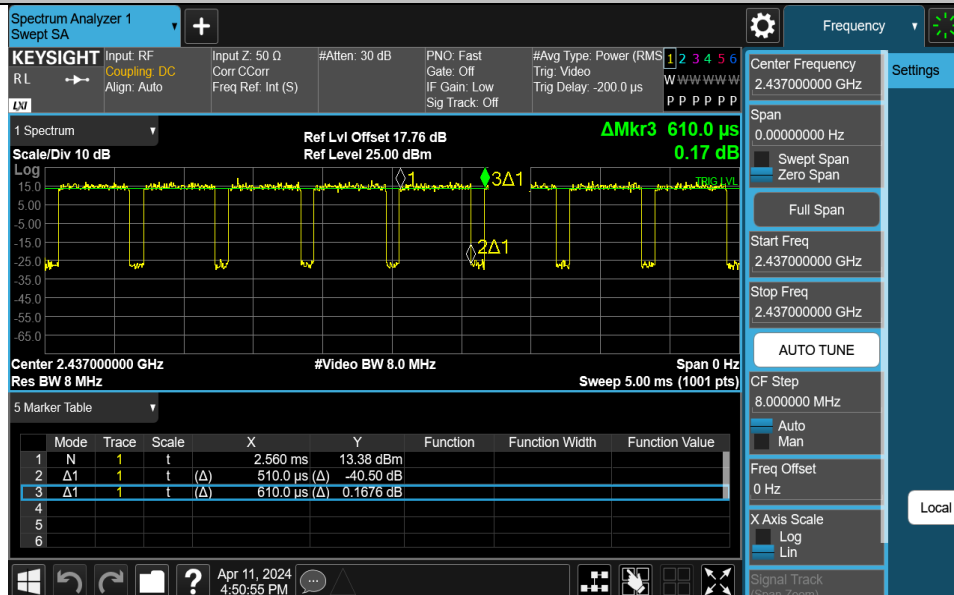
NTNV-11G-Ant1-2437



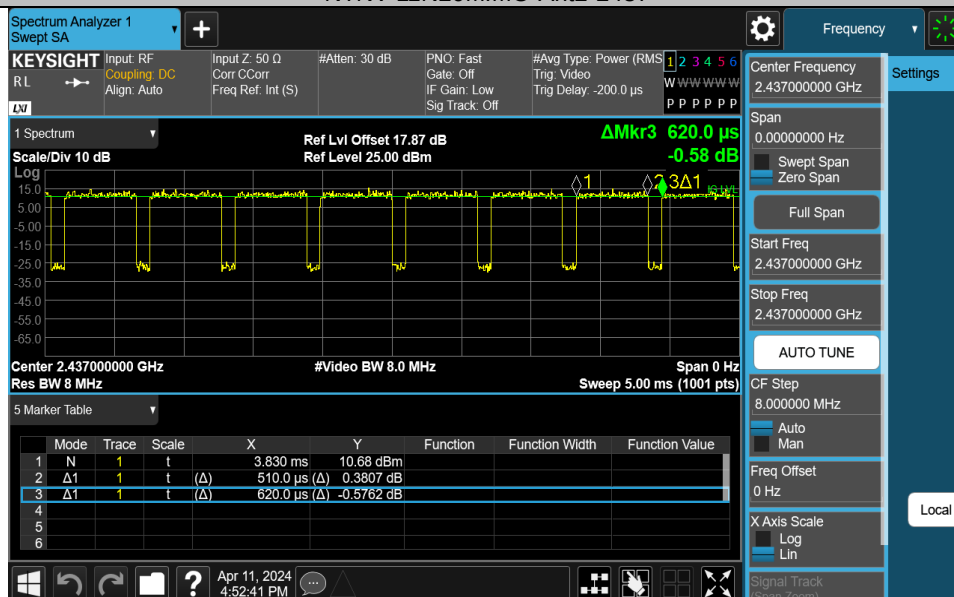
NTNV-11G-Ant2-2437



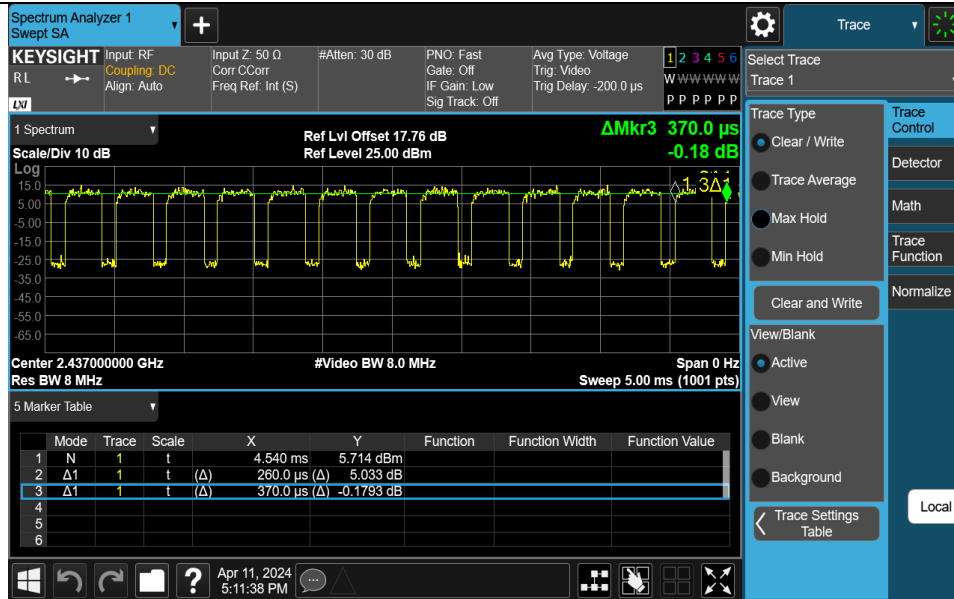
NTNV-11N20MIMO-Ant1-2437



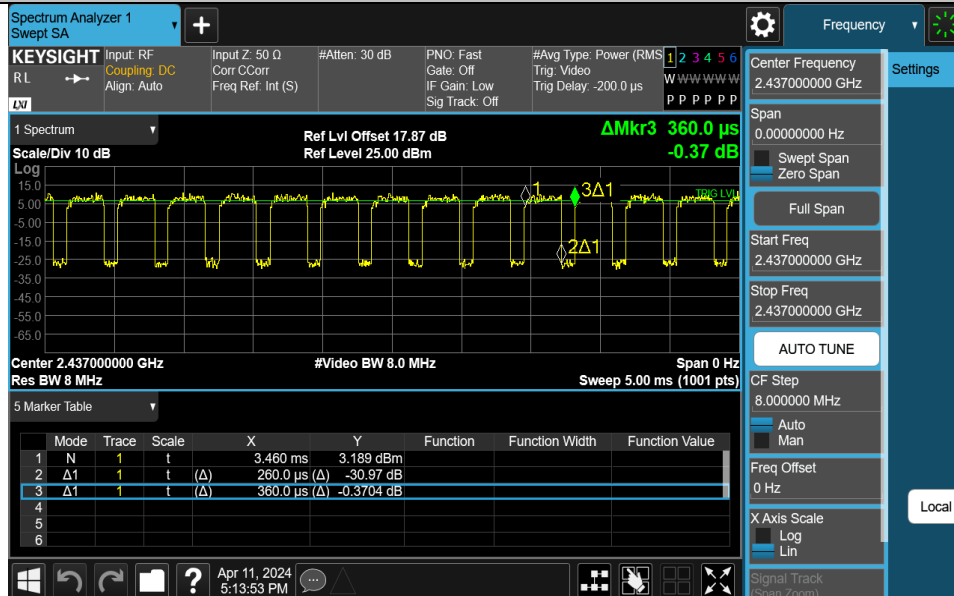
NTNV-11N20MIMO-Ant2-2437



NTNV-11N40MIMO-Ant1-2437



NTNV-11N40MIMO-Ant2-2437



12. TEST SETUP PHOTO

M/N: TVULTRA65-G5

Conducted Test



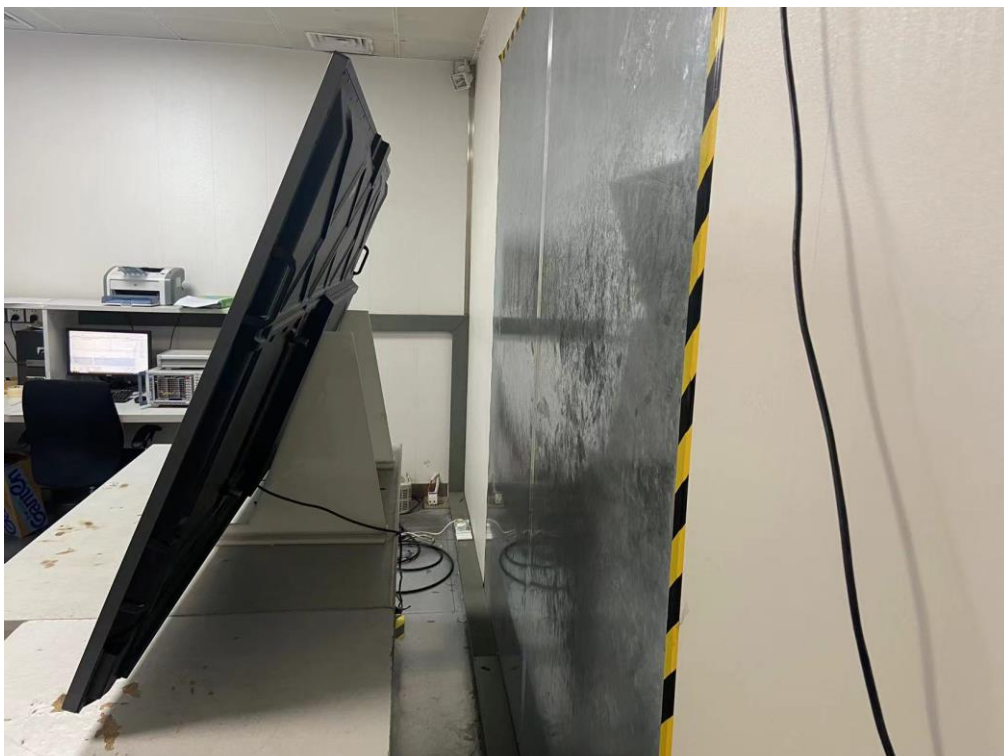
M/N: TVULTRA75-G5

Conducted Test



M/N: TVULTRA86-G5

Conducted Test



M/N: TVULTRA65-G5**Radiated Test (Below 1GHz)****Radiated Test (Above 1GHz)**