

11N20MIMO-Ant2-5785



11N20MIMO-Ant1-5825



11N20MIMO-Ant2-5825



11N40MIMO-Ant1-5190



11N40MIMO-Ant2-5190



11N40MIMO-Ant1-5230



11N40MIMO-Ant2-5230



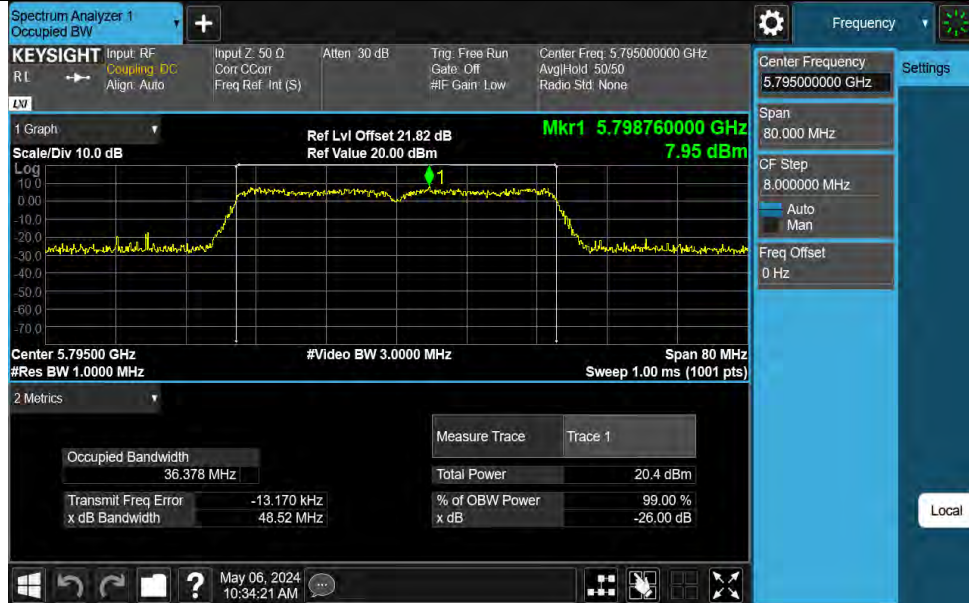
11N40MIMO-Ant1-5755



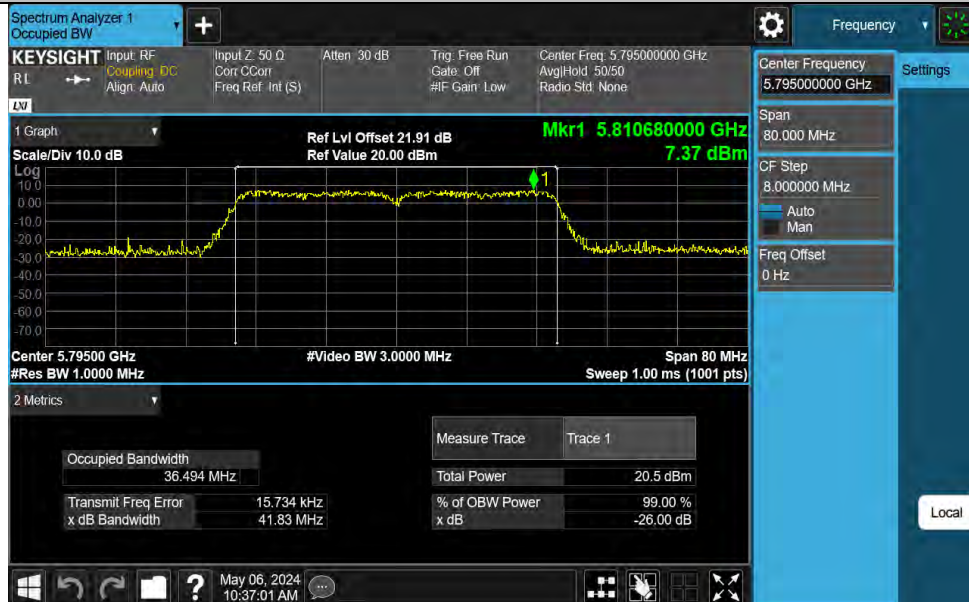
11N40MIMO-Ant2-5755



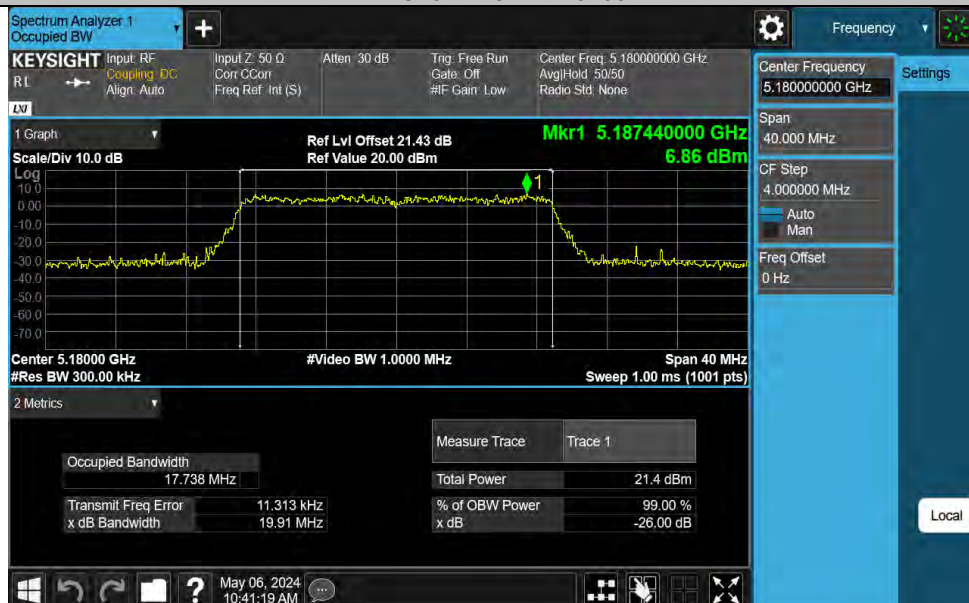
11N40MIMO-Ant1-5795



11N40MIMO-Ant2-5795



11AC20MIMO-Ant1-5180



11AC20MIMO-Ant2-5180



11AC20MIMO-Ant1-5200



11AC20MIMO-Ant2-5200



11AC20MIMO-Ant1-5240



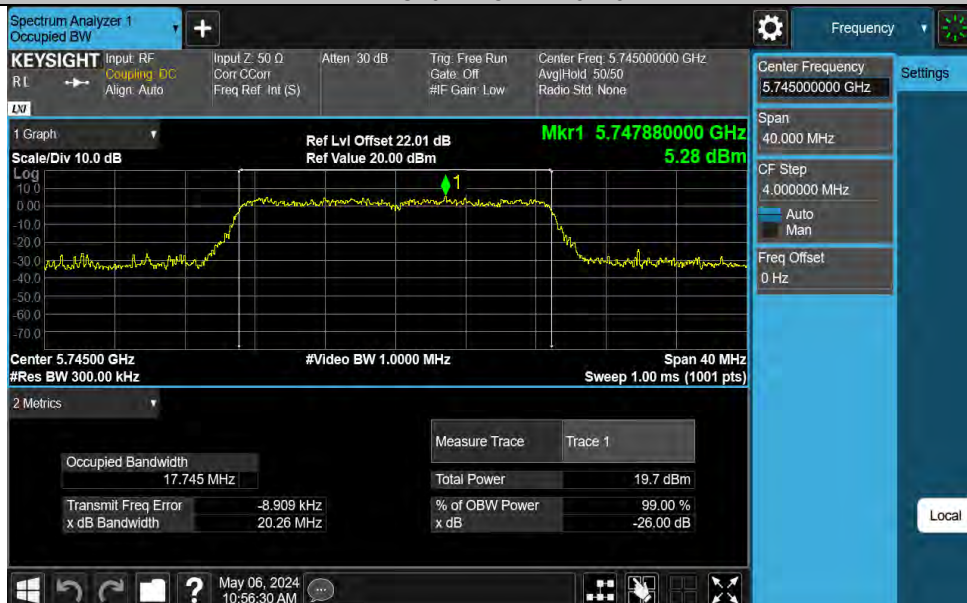
11AC20MIMO-Ant2-5240



11AC20MIMO-Ant1-5745



11AC20MIMO-Ant2-5745



11AC20MIMO-Ant1-5785



11AC20MIMO-Ant2-5785



11AC20MIMO-Ant1-5825



11AC20MIMO-Ant2-5825



11AC40MIMO-Ant1-5190



11AC40MIMO-Ant2-5190



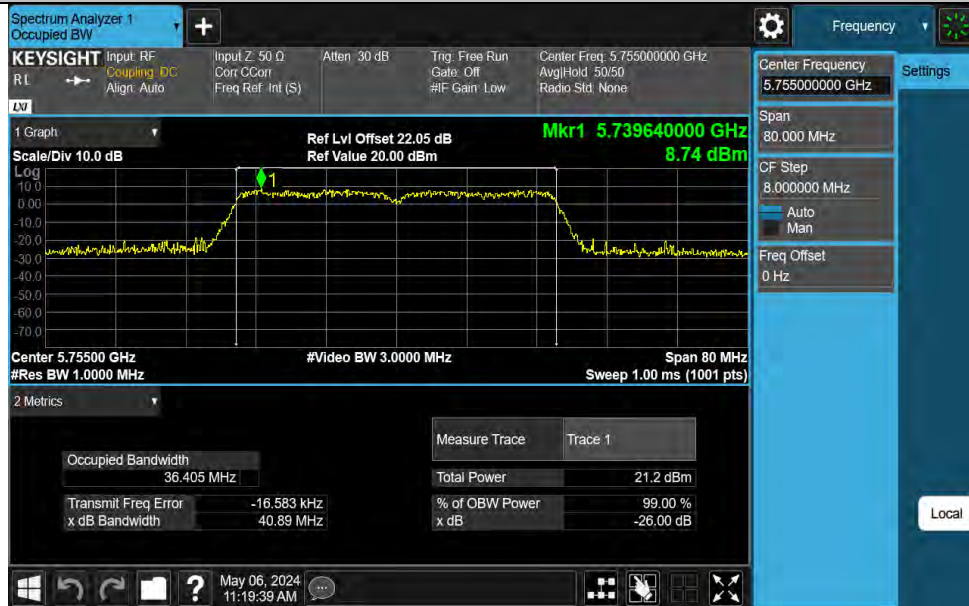
11AC40MIMO-Ant1-5230



11AC40MIMO-Ant2-5230



11AC40MIMO-Ant1-5755



11AC40MIMO-Ant2-5755



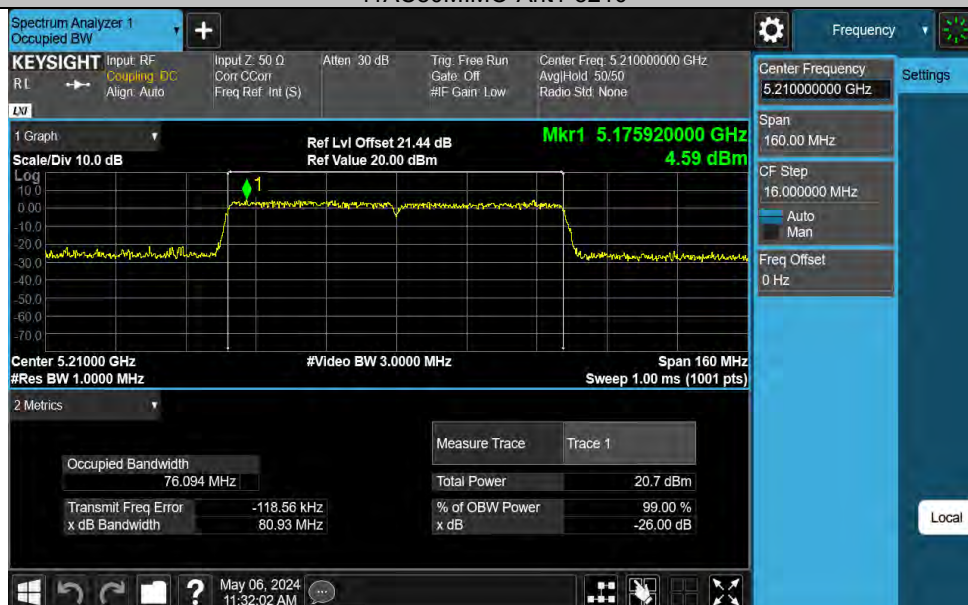
11AC40MIMO-Ant1-5795



11AC40MIMO-Ant2-5795



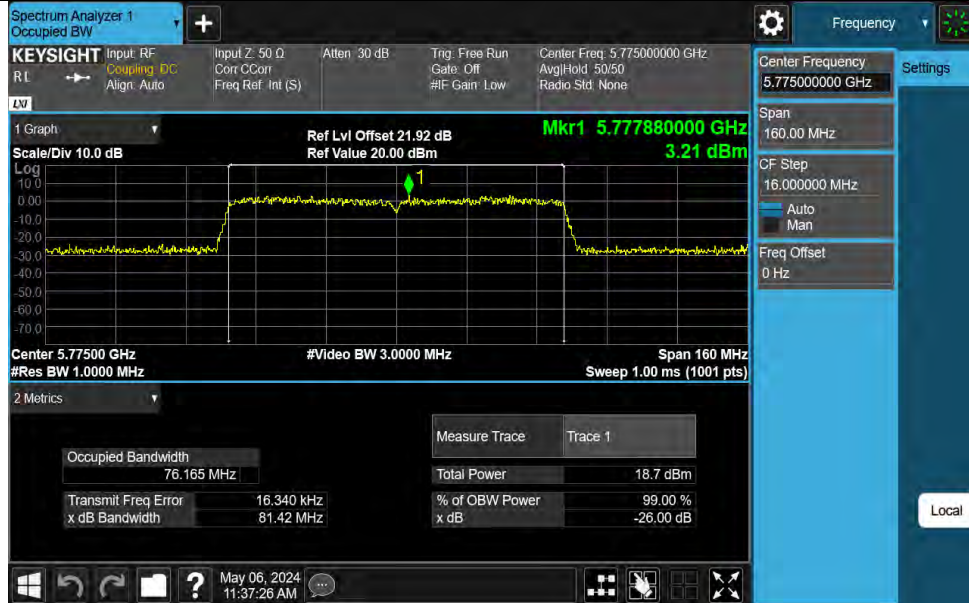
11AC80MIMO-Ant1-5210



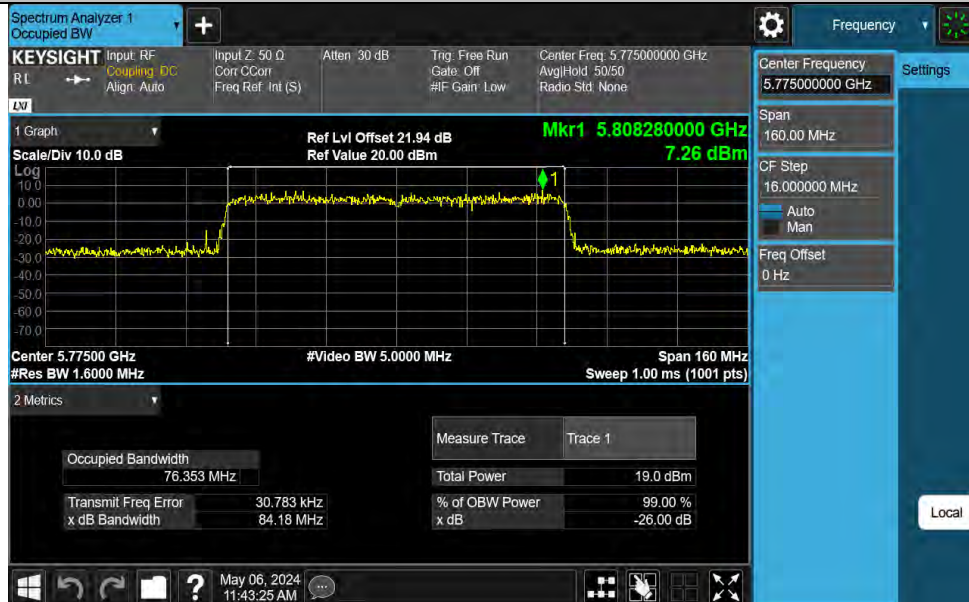
11AC80MIMO-Ant2-5210



11AC80MIMO-Ant1-5775



11AC80MIMO-Ant2-5775



Appendix A3: Min emission bandwidth

Test Result B4

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.400	5736.800	5753.200	0.5	PASS
11A	Ant2	5745	16.440	5736.800	5753.240	0.5	PASS
11A	Ant1	5785	16.360	5776.840	5793.200	0.5	PASS
11A	Ant2	5785	16.480	5776.800	5793.280	0.5	PASS
11A	Ant1	5825	16.520	5816.720	5833.240	0.5	PASS
11A	Ant2	5825	16.400	5816.800	5833.200	0.5	PASS
11N20MIMO	Ant1	5745	17.640	5736.160	5753.800	0.5	PASS
11N20MIMO	Ant2	5745	17.680	5736.160	5753.840	0.5	PASS
11N20MIMO	Ant1	5785	17.720	5776.120	5793.840	0.5	PASS
11N20MIMO	Ant2	5785	17.600	5776.200	5793.800	0.5	PASS
11N20MIMO	Ant1	5825	17.680	5816.160	5833.840	0.5	PASS
11N20MIMO	Ant2	5825	17.720	5816.120	5833.840	0.5	PASS
11N40MIMO	Ant1	5755	36.080	5736.840	5772.920	0.5	PASS
11N40MIMO	Ant2	5755	36.320	5736.840	5773.160	0.5	PASS
11N40MIMO	Ant1	5795	36.080	5776.840	5812.920	0.5	PASS
11N40MIMO	Ant2	5795	36.320	5776.840	5813.160	0.5	PASS
11AC20MIMO	Ant1	5745	17.640	5736.200	5753.840	0.5	PASS
11AC20MIMO	Ant2	5745	17.560	5736.200	5753.760	0.5	PASS
11AC20MIMO	Ant1	5785	17.560	5776.200	5793.760	0.5	PASS
11AC20MIMO	Ant2	5785	17.720	5776.120	5793.840	0.5	PASS
11AC20MIMO	Ant1	5825	17.640	5816.160	5833.800	0.5	PASS
11AC20MIMO	Ant2	5825	17.560	5816.200	5833.760	0.5	PASS
11AC40MIMO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
11AC40MIMO	Ant2	5755	35.840	5737.080	5772.920	0.5	PASS
11AC40MIMO	Ant1	5795	36.320	5776.840	5813.160	0.5	PASS
11AC40MIMO	Ant2	5795	36.160	5777.000	5813.160	0.5	PASS
11AC80MIMO	Ant1	5775	76.320	5736.760	5813.080	0.5	PASS
11AC80MIMO	Ant2	5775	76.160	5736.920	5813.080	0.5	PASS

Test Graphs B4

11A-Ant1-5745-PASS



11A-Ant2-5745-PASS



11A-Ant1-5785-PASS



11A-Ant2-5785-PASS



11A-Ant1-5825-PASS



11A-Ant2-5825-PASS



11N20MIMO-Ant1-5745-PASS



11N20MIMO-Ant2-5745-PASS



11N20MIMO-Ant1-5785-PASS



11N20MIMO-Ant2-5785-PASS



11N20MIMO-Ant1-5825-PASS



11N20MIMO-Ant2-5825-PASS



11N40MIMO-Ant1-5755-PASS



11N40MIMO-Ant2-5755-PASS



11N40MIMO-Ant1-5795-PASS



11N40MIMO-Ant2-5795-PASS



11AC20MIMO-Ant1-5745-PASS



11AC20MIMO-Ant2-5745-PASS



11AC20MIMO-Ant1-5785-PASS



11AC20MIMO-Ant2-5785-PASS



11AC20MIMO-Ant1-5825-PASS



11AC20MIMO-Ant2-5825-PASS



11AC40MIMO-Ant1-5755-PASS



11AC40MIMO-Ant2-5755-PASS



11AC40MIMO-Ant1-5795-PASS



11AC40MIMO-Ant2-5795-PASS



11AC80MIMO-Ant1-5775-PASS



11AC80MIMO-Ant2-5775-PASS



Appendix B: Duty Cycle Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	3.11	3.21	96.88
11A	Ant2	5180	3.10	3.22	96.27
11A	Ant1	5200	3.11	3.21	96.88
11A	Ant2	5200	3.11	3.21	96.88
11A	Ant1	5240	3.11	3.21	96.88
11A	Ant2	5240	3.11	3.21	96.88
11A	Ant1	5745	3.11	3.21	96.88
11A	Ant2	5745	3.11	3.21	96.88
11A	Ant1	5785	3.11	3.21	96.88
11A	Ant2	5785	3.11	3.21	96.88
11A	Ant1	5825	3.11	3.21	96.88
11A	Ant2	5825	3.11	3.21	96.88
11N20MIMO	Ant1	5180	4.76	4.87	97.74
11N20MIMO	Ant2	5180	4.77	4.87	97.95
11N20MIMO	Ant1	5200	4.77	4.87	97.95
11N20MIMO	Ant2	5200	4.77	4.88	97.75
11N20MIMO	Ant1	5240	4.77	4.87	97.95
11N20MIMO	Ant2	5240	4.77	4.87	97.95
11N20MIMO	Ant1	5745	0.51	0.62	82.26
11N20MIMO	Ant2	5745	0.52	0.63	82.54
11N20MIMO	Ant1	5785	4.77	4.88	97.75
11N20MIMO	Ant2	5785	4.77	4.88	97.75
11N20MIMO	Ant1	5825	4.77	4.87	97.95
11N20MIMO	Ant2	5825	4.77	4.87	97.95
11N40MIMO	Ant1	5190	2.32	2.42	95.87
11N40MIMO	Ant2	5190	2.32	2.42	95.87
11N40MIMO	Ant1	5230	2.32	2.42	95.87
11N40MIMO	Ant2	5230	2.31	2.41	95.85
11N40MIMO	Ant1	5755	2.32	2.42	95.87
11N40MIMO	Ant2	5755	2.32	2.43	95.47
11N40MIMO	Ant1	5795	2.31	2.42	95.45
11N40MIMO	Ant2	5795	2.32	2.42	95.87
11AC20MIMO	Ant1	5180	4.78	4.88	97.95
11AC20MIMO	Ant2	5180	4.78	4.89	97.75
11AC20MIMO	Ant1	5200	4.78	4.88	97.95
11AC20MIMO	Ant2	5200	4.78	4.90	97.55
11AC20MIMO	Ant1	5240	4.78	4.90	97.55
11AC20MIMO	Ant2	5240	4.78	4.88	97.95
11AC20MIMO	Ant1	5745	4.78	4.88	97.95
11AC20MIMO	Ant2	5745	4.78	4.88	97.95
11AC20MIMO	Ant1	5785	4.78	4.88	97.95
11AC20MIMO	Ant2	5785	4.78	4.89	97.75
11AC20MIMO	Ant1	5825	4.78	4.89	97.75
11AC20MIMO	Ant2	5825	4.78	4.88	97.95
11AC40MIMO	Ant1	5190	2.32	2.42	95.87
11AC40MIMO	Ant2	5190	2.32	2.42	95.87
11AC40MIMO	Ant1	5230	2.32	2.43	95.47
11AC40MIMO	Ant2	5230	2.32	2.42	95.87
11AC40MIMO	Ant1	5755	2.33	2.43	95.88
11AC40MIMO	Ant2	5755	2.33	2.43	95.88
11AC40MIMO	Ant1	5795	2.32	2.43	95.47
11AC40MIMO	Ant2	5795	2.33	2.43	95.88
11AC80MIMO	Ant1	5210	1.09	1.20	90.83



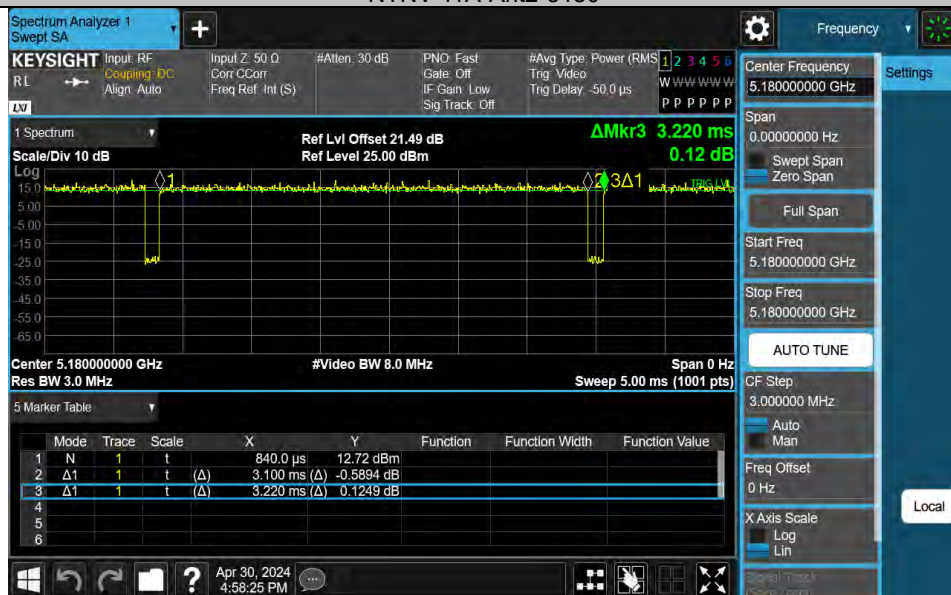
11AC80MIMO	Ant2	5210	1.10	1.20	91.67
11AC80MIMO	Ant1	5775	1.09	1.20	90.83
11AC80MIMO	Ant2	5775	1.09	1.20	90.83

Test Graphs

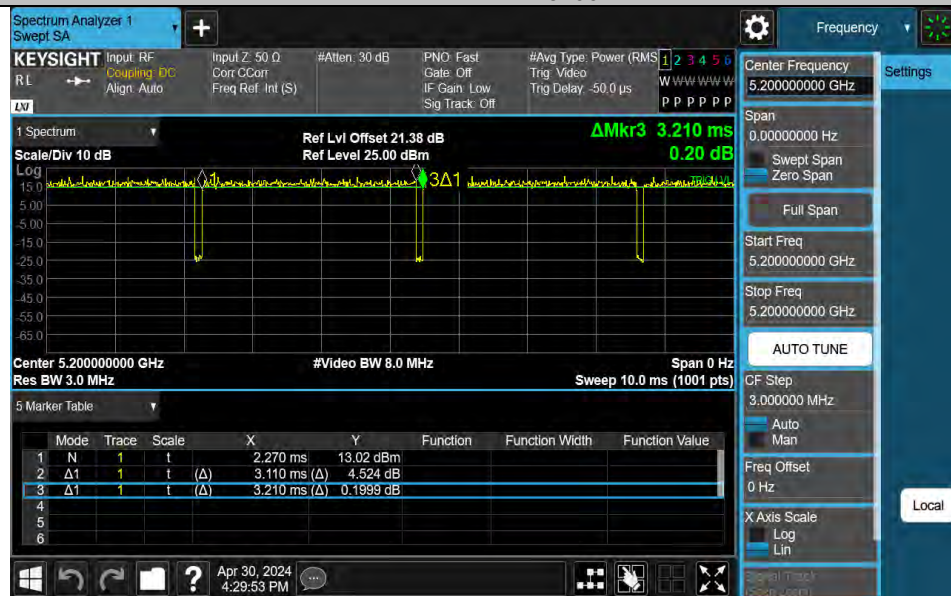
NTNV-11A-Ant1-5180



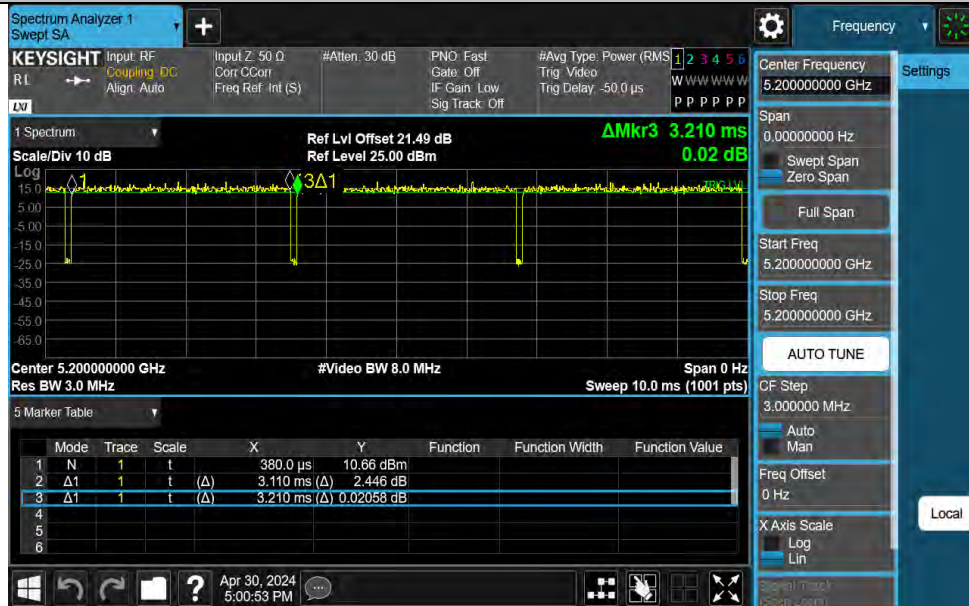
NTNV-11A-Ant2-5180



NTNV-11A-Ant1-5200



NTNV-11A-Ant2-5200



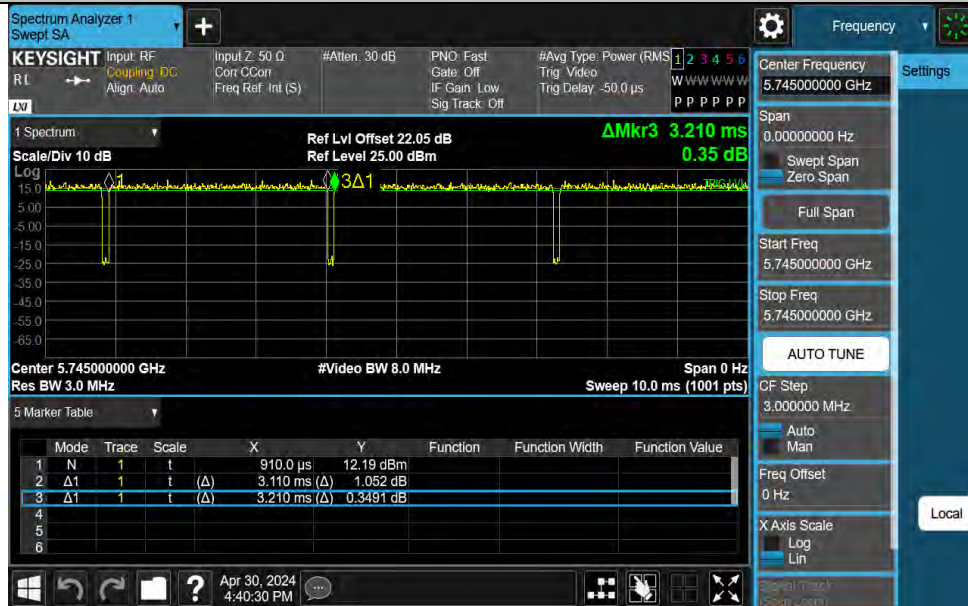
NTNV-11A-Ant1-5240



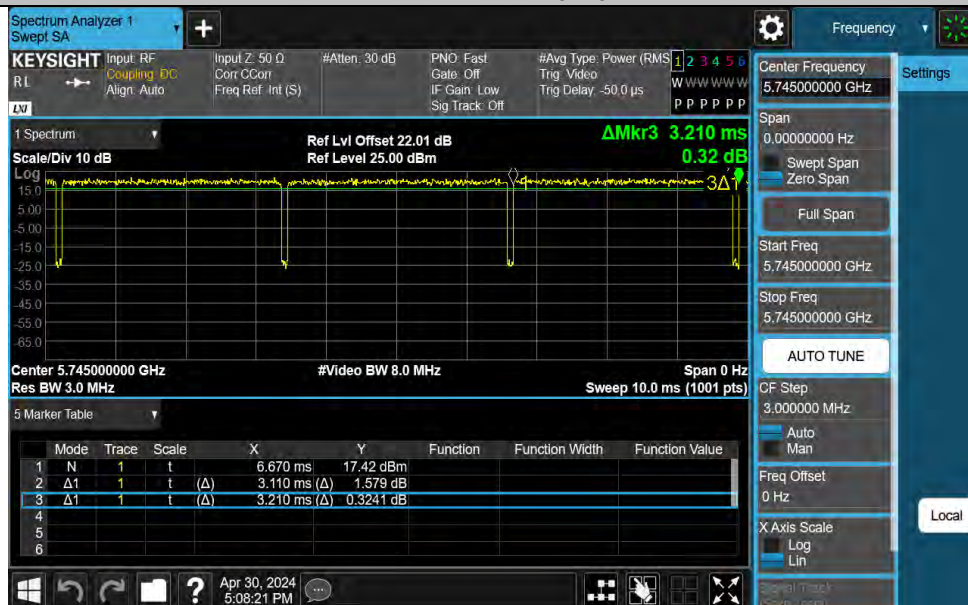
NTNV-11A-Ant2-5240



NTNV-11A-Ant1-5745



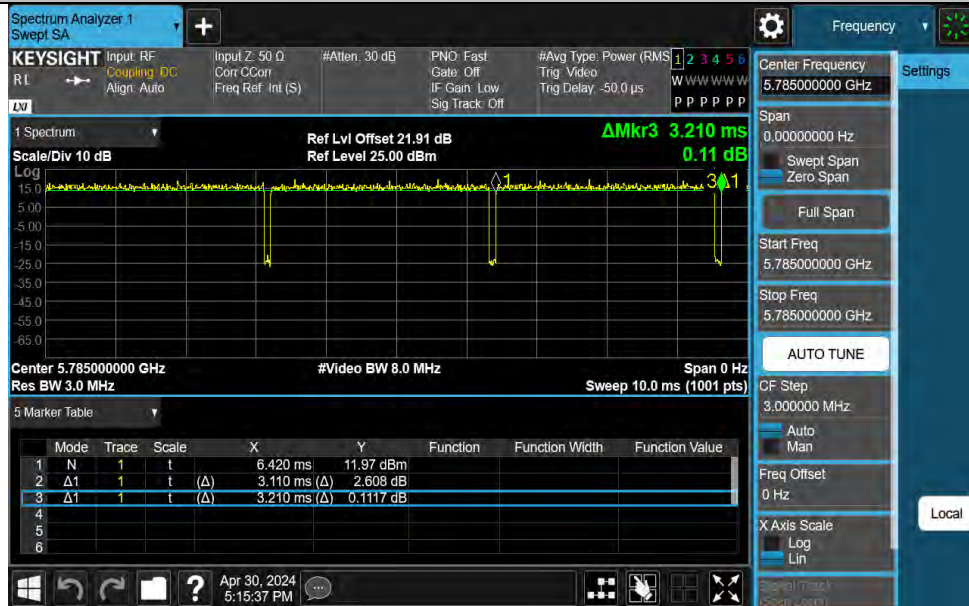
NTNV-11A-Ant2-5745



NTNV-11A-Ant1-5785



NTNV-11A-Ant2-5785



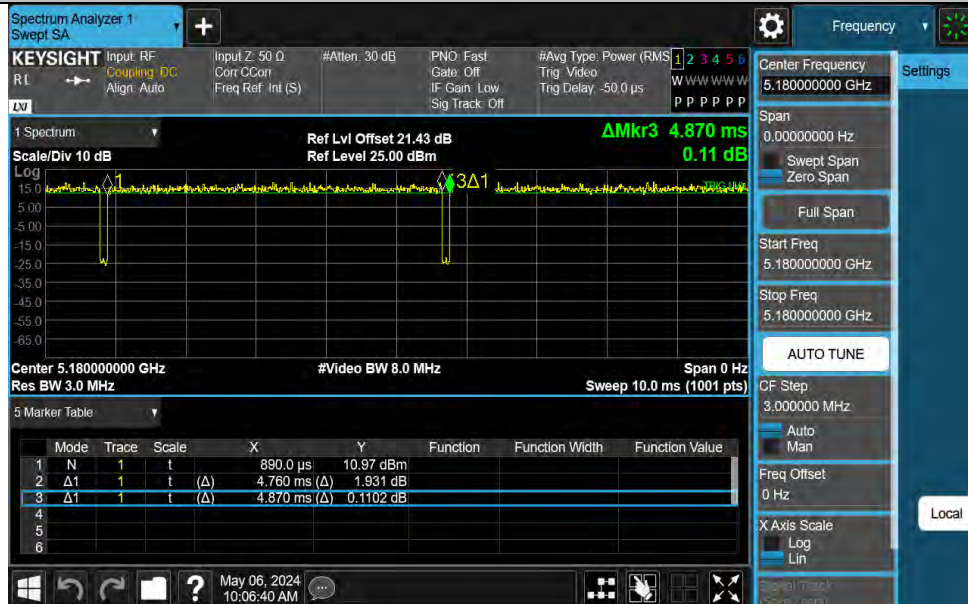
NTNV-11A-Ant1-5825



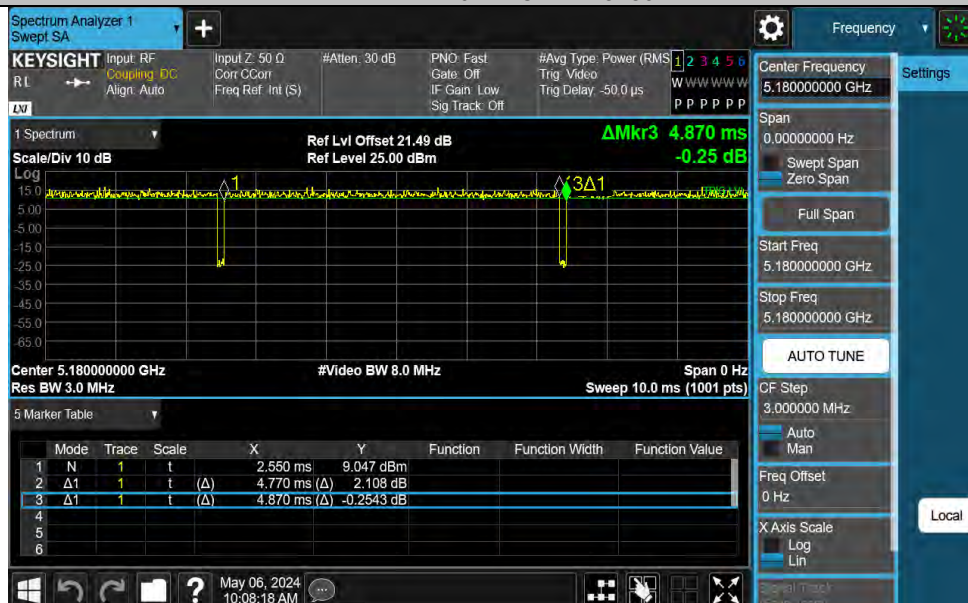
NTNV-11A-Ant2-5825



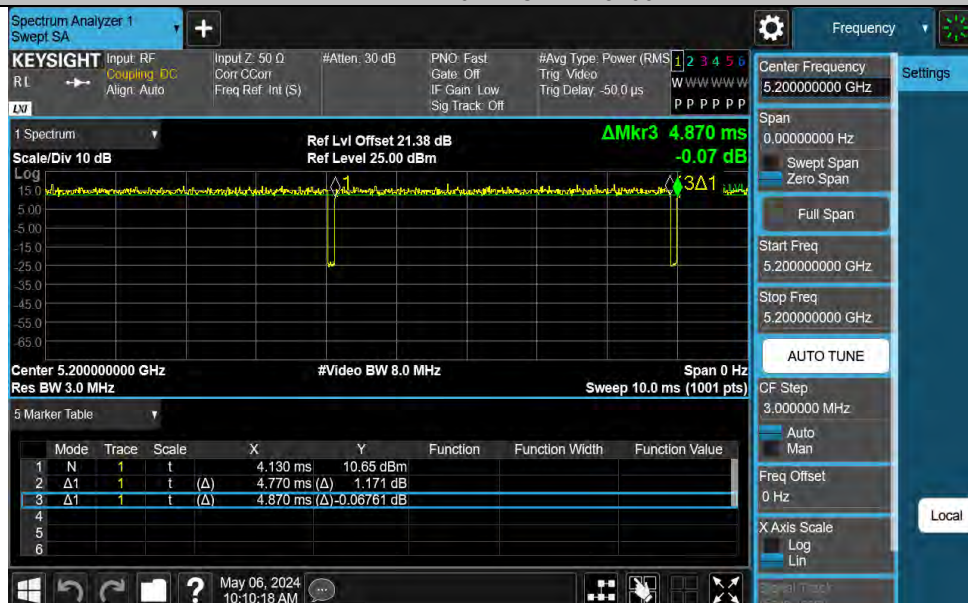
NTNV-11N20MIMO-Ant1-5180



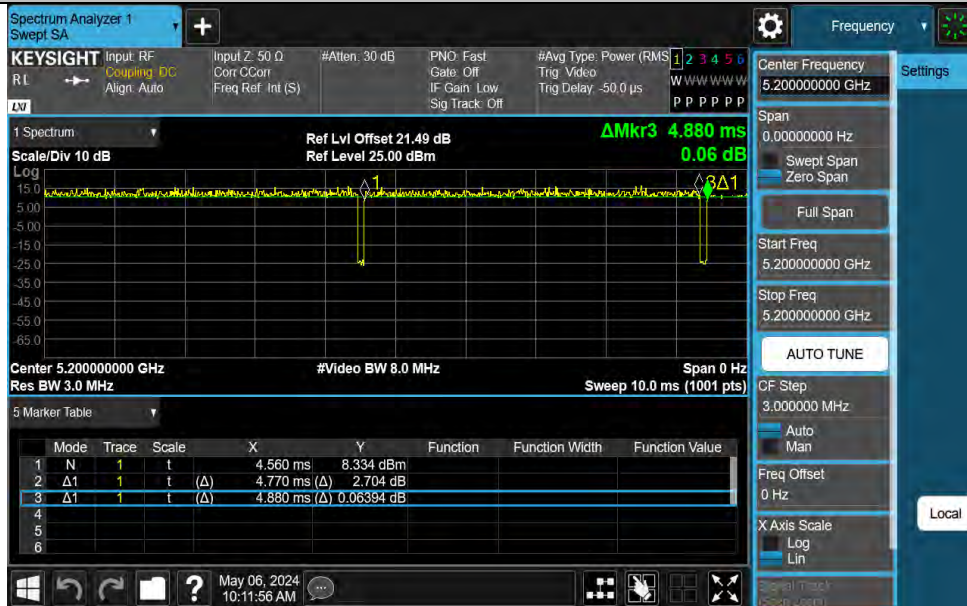
NTNV-11N20MIMO-Ant2-5180



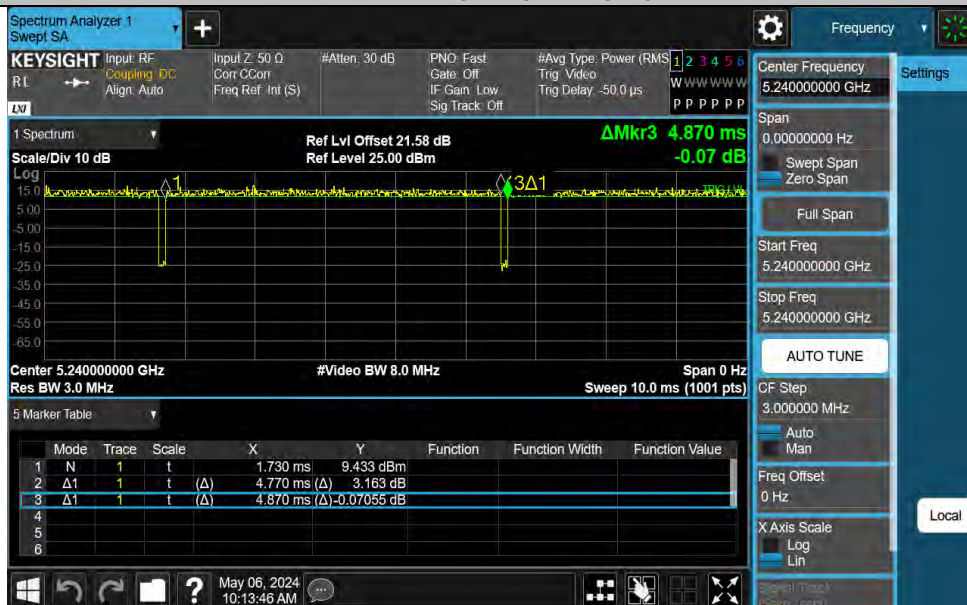
NTNV-11N20MIMO-Ant1-5200



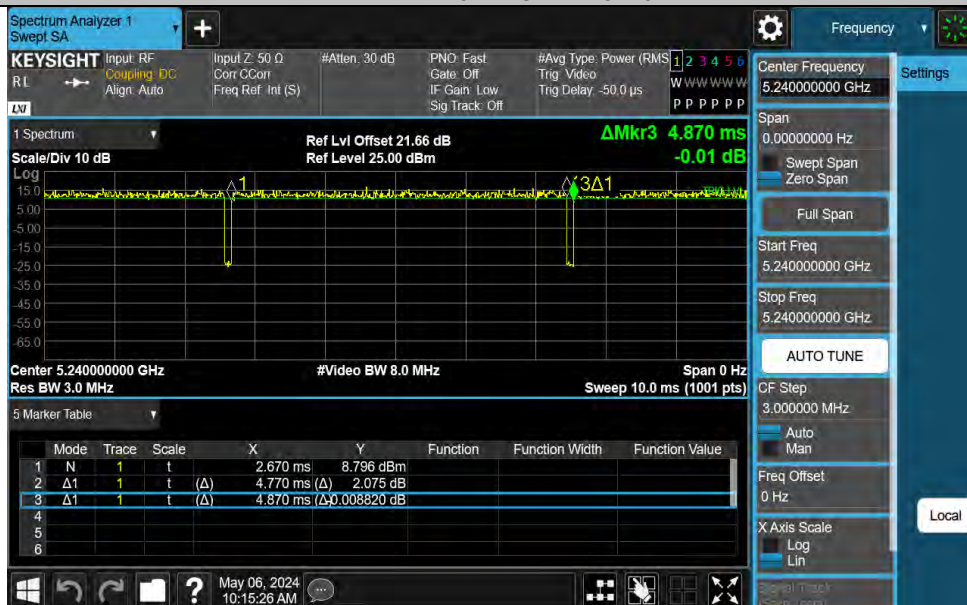
NTNV-11N20MIMO-Ant2-5200



NTNV-11N20MIMO-Ant1-5240



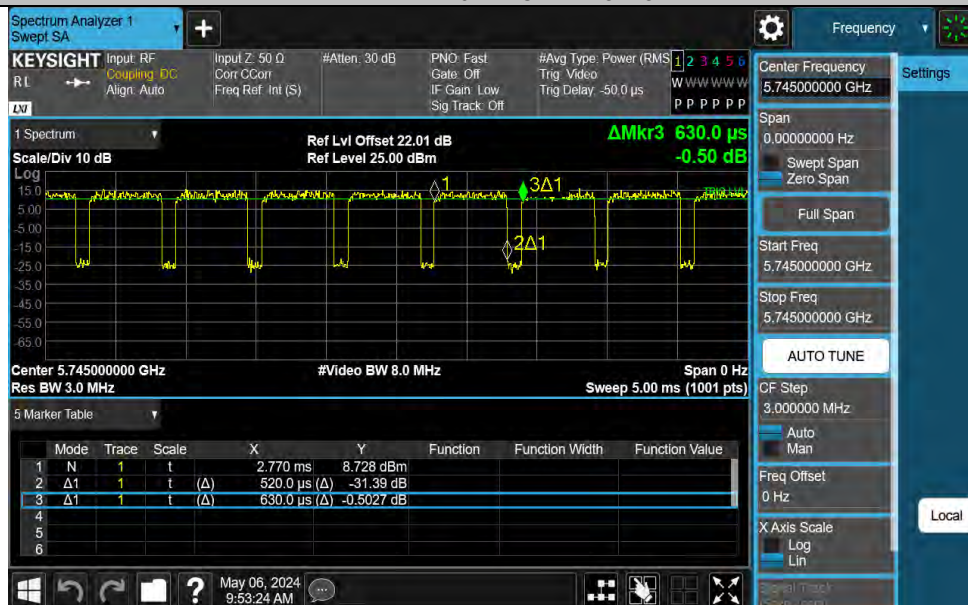
NTNV-11N20MIMO-Ant2-5240



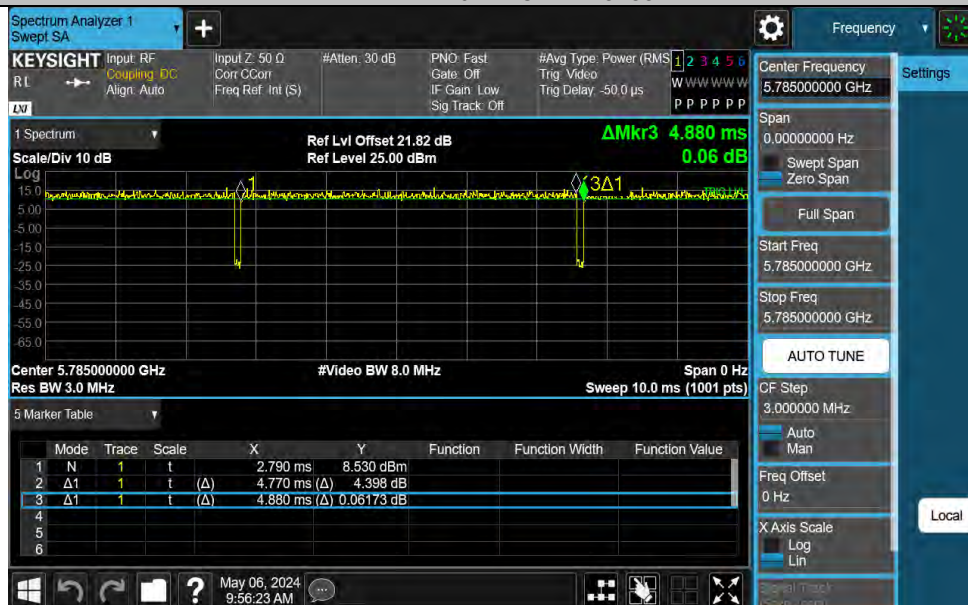
NTNV-11N20MIMO-Ant1-5745



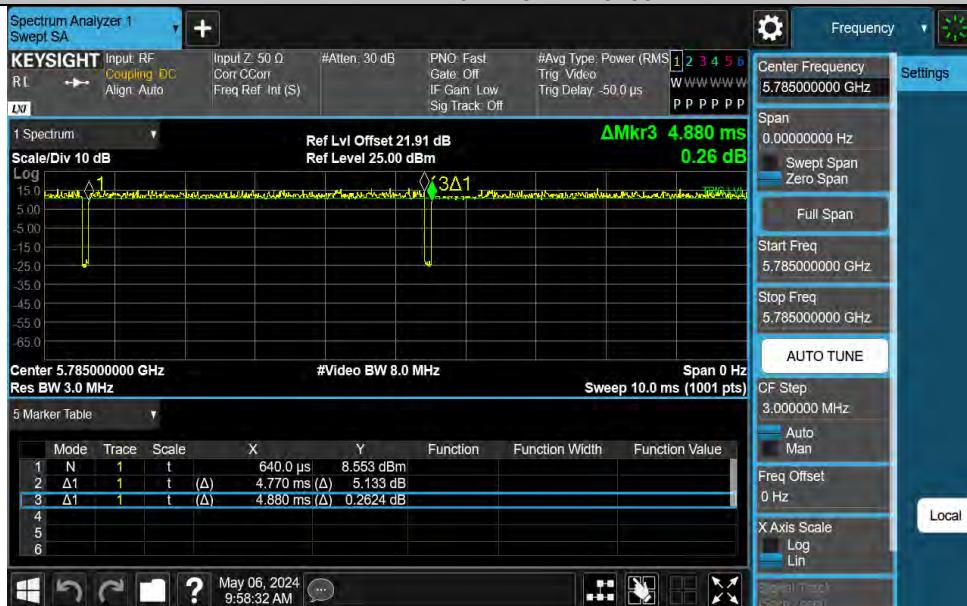
NTNV-11N20MIMO-Ant2-5745



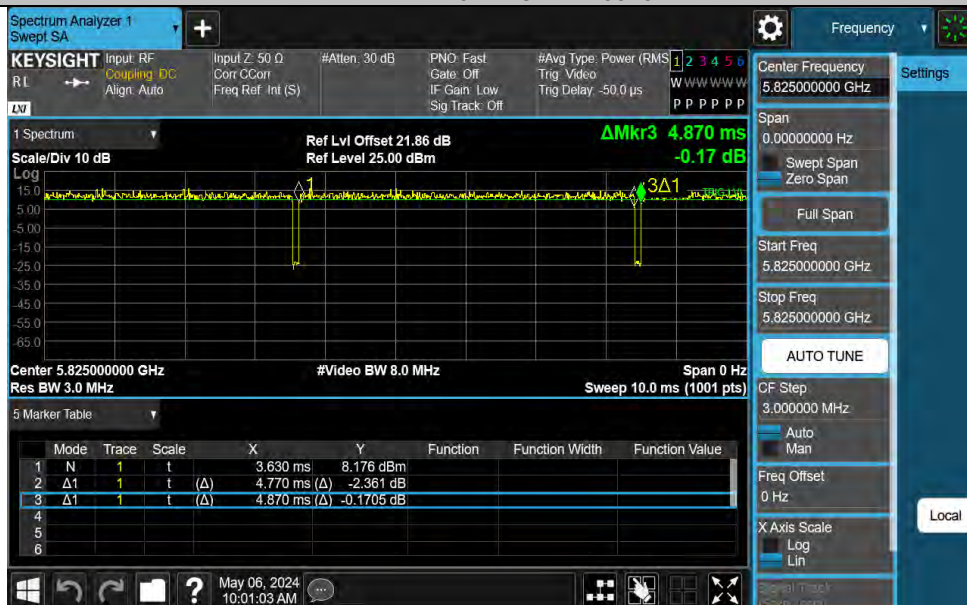
NTNV-11N20MIMO-Ant1-5785



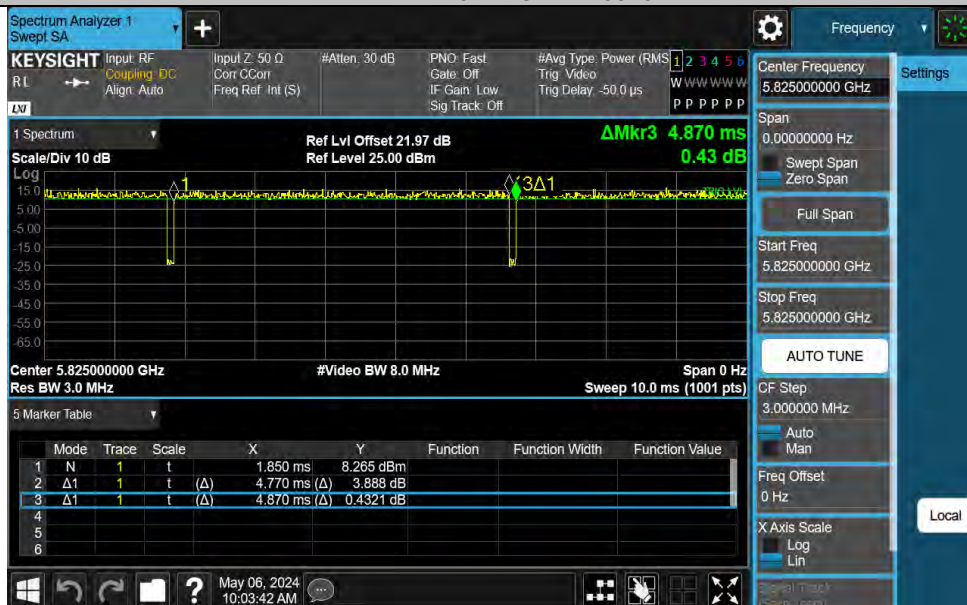
NTNV-11N20MIMO-Ant2-5785



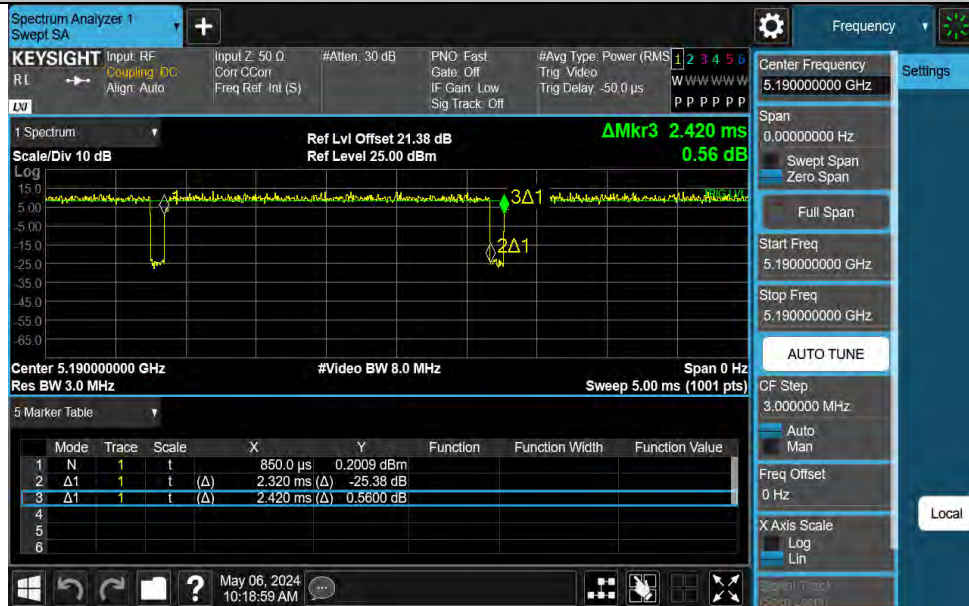
NTNV-11N20MIMO-Ant1-5825



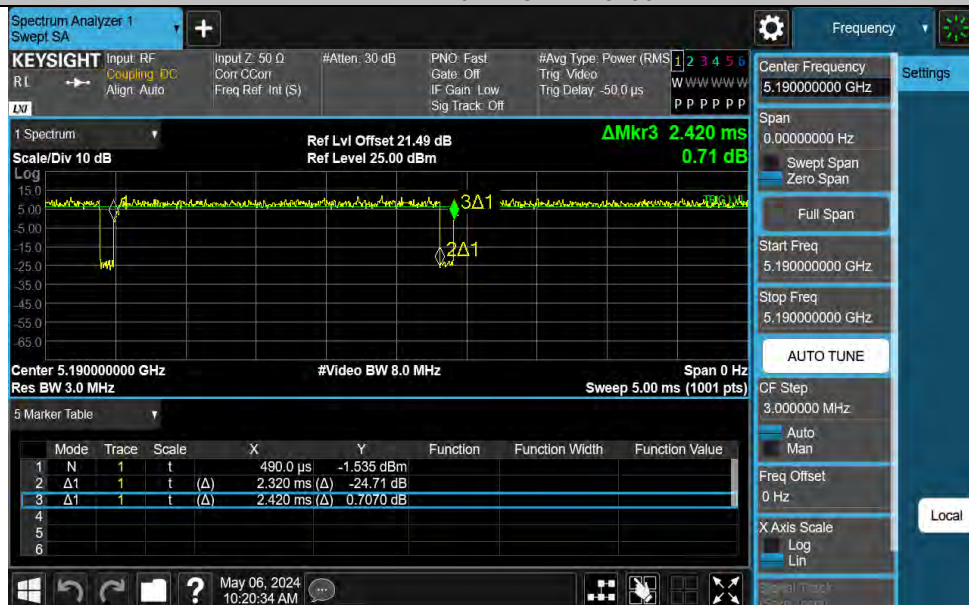
NTNV-11N20MIMO-Ant2-5825



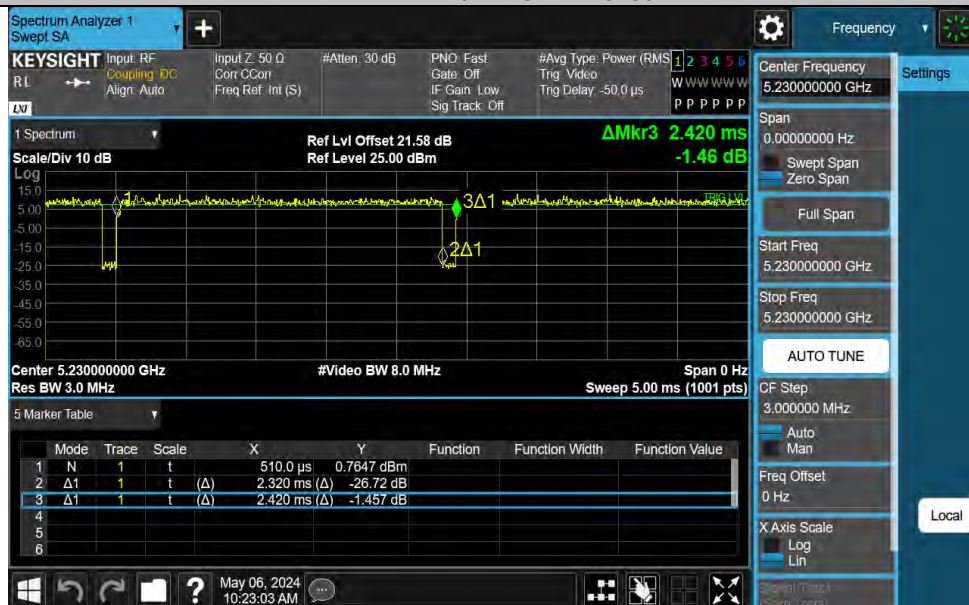
NTNV-11N40MIMO-Ant1-5190



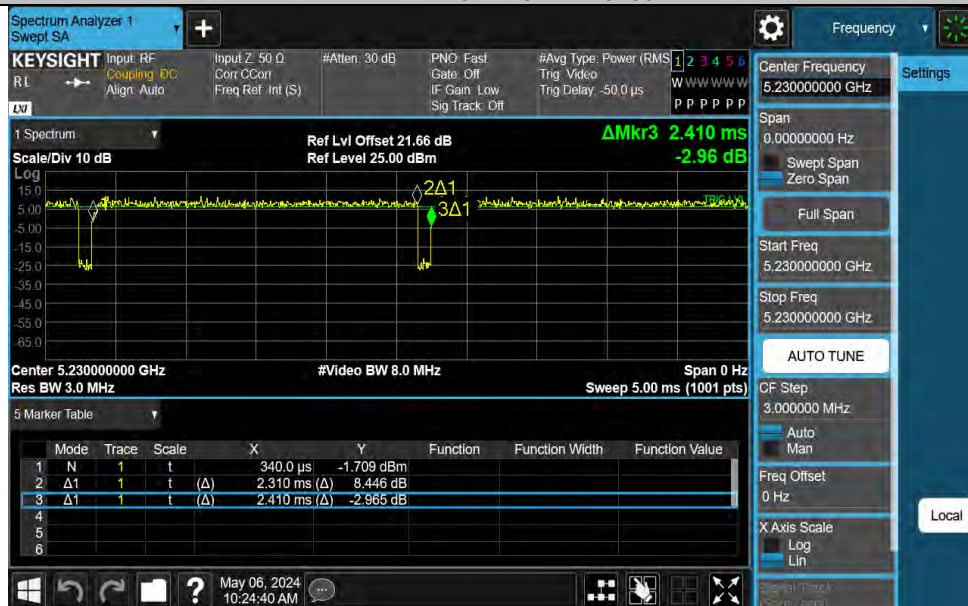
NTNV-11N40MIMO-Ant2-5190



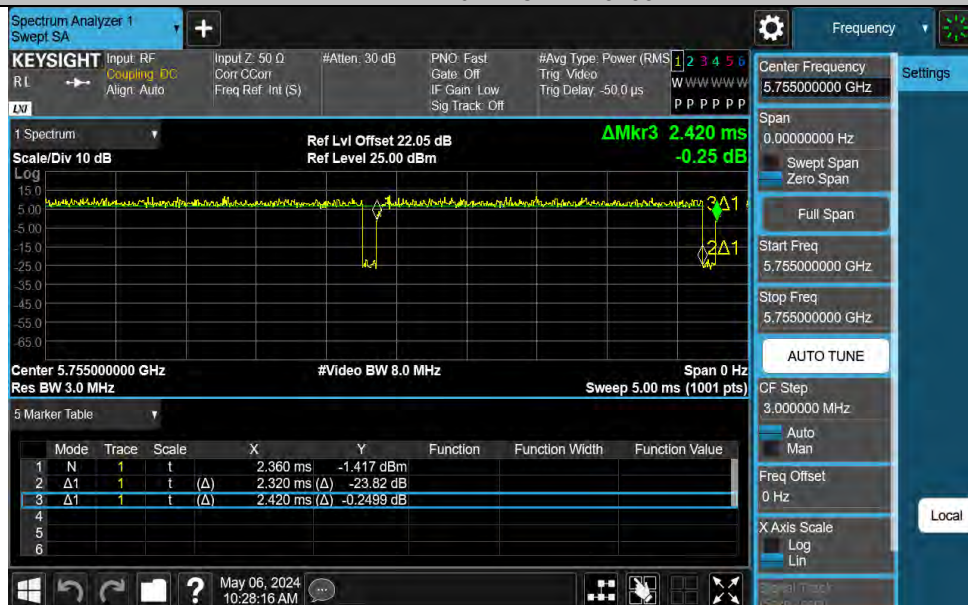
NTNV-11N40MIMO-Ant1-5230



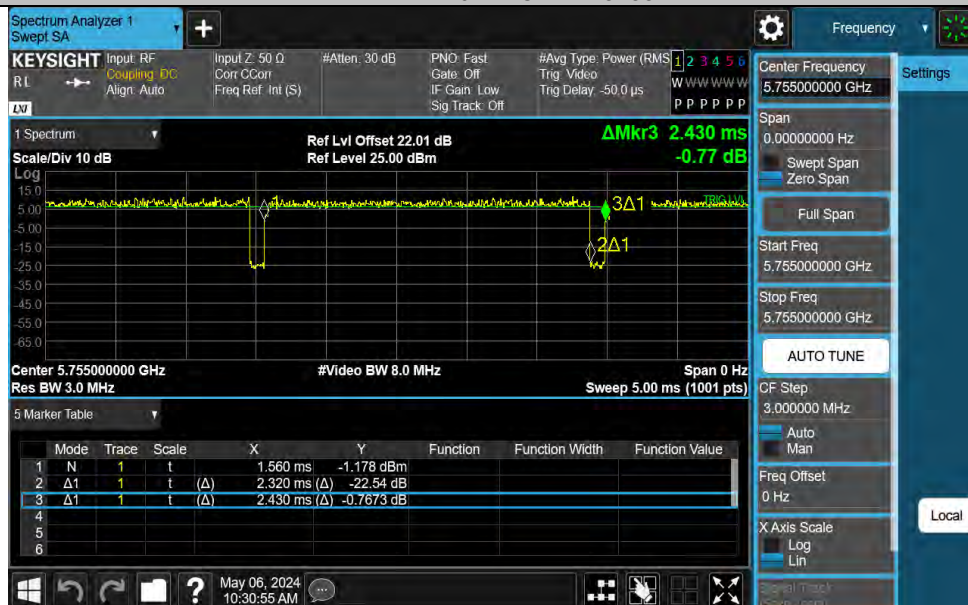
NTNV-11N40MIMO-Ant2-5230



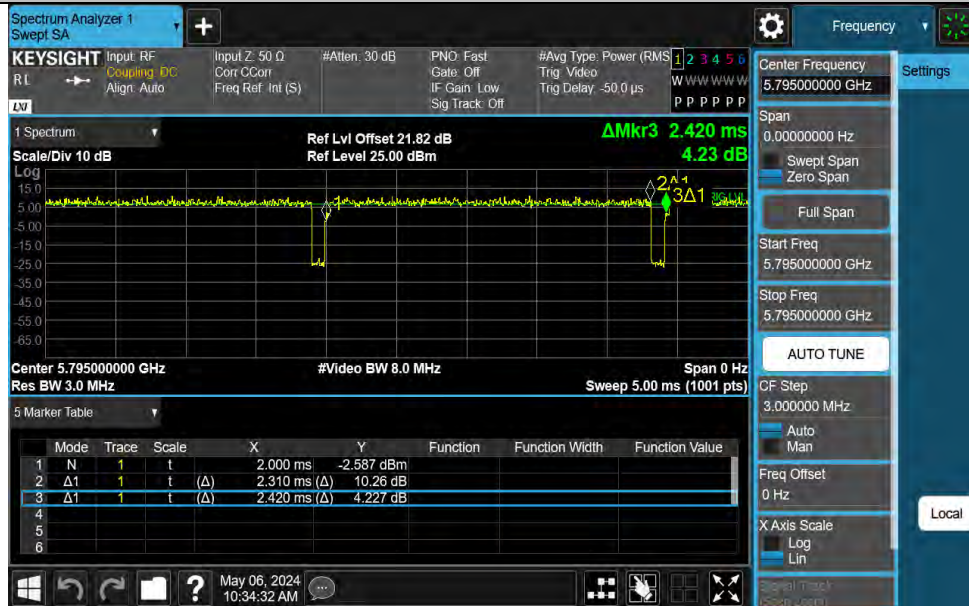
NTNV-11N40MIMO-Ant1-5755



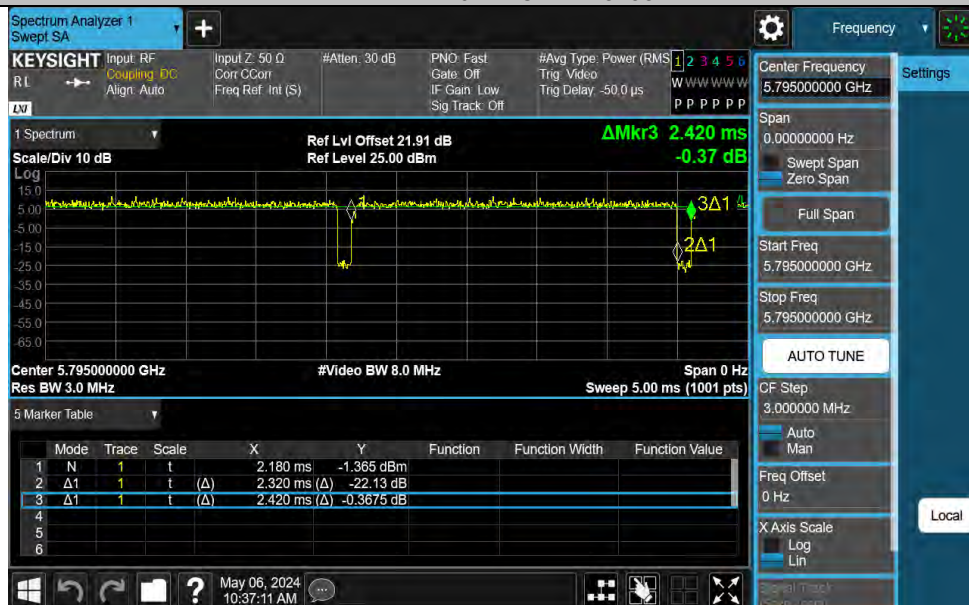
NTNV-11N40MIMO-Ant2-5755



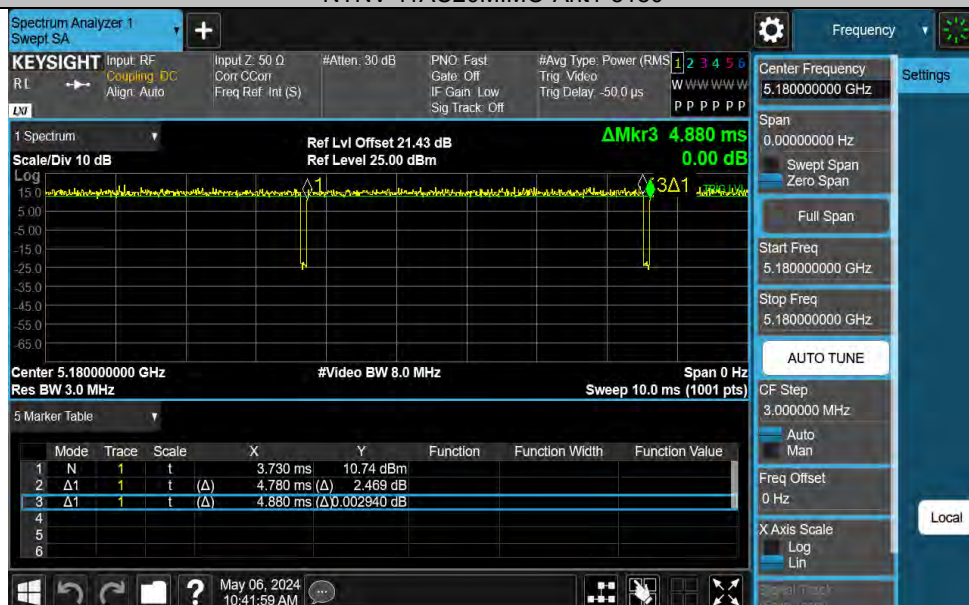
NTNV-11N40MIMO-Ant1-5795



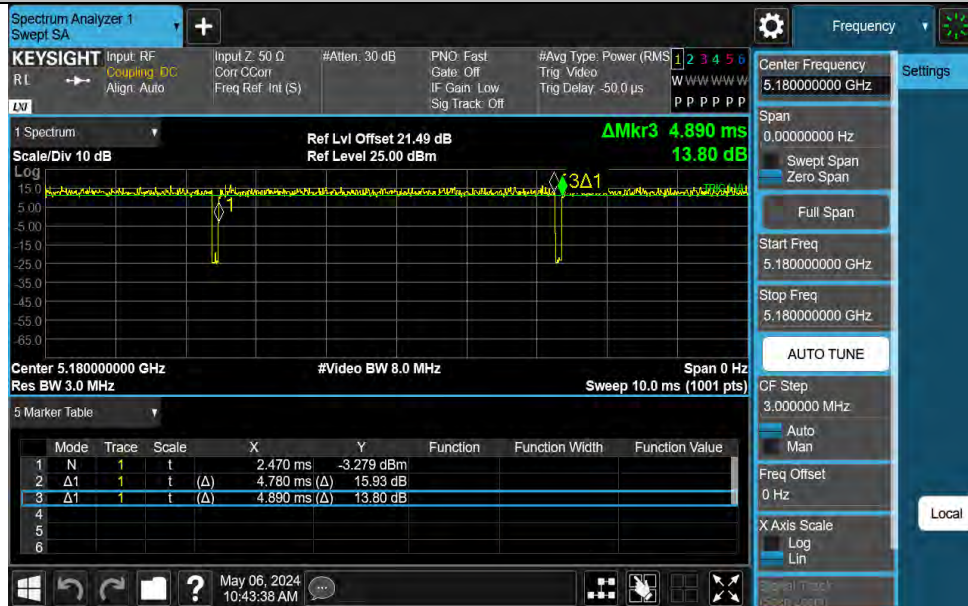
NTNV-11N40MIMO-Ant2-5795



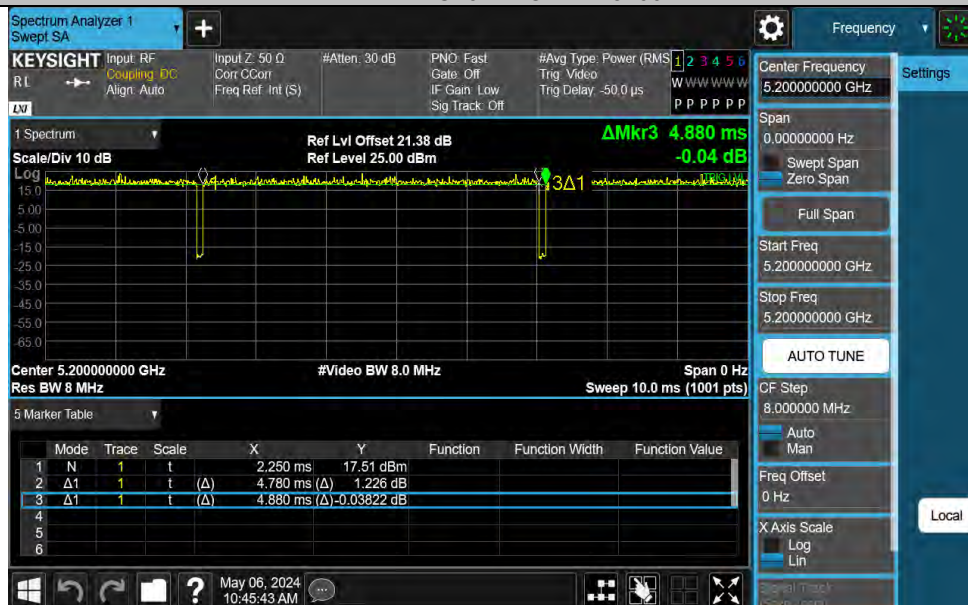
NTNV-11AC20MIMO-Ant1-5180



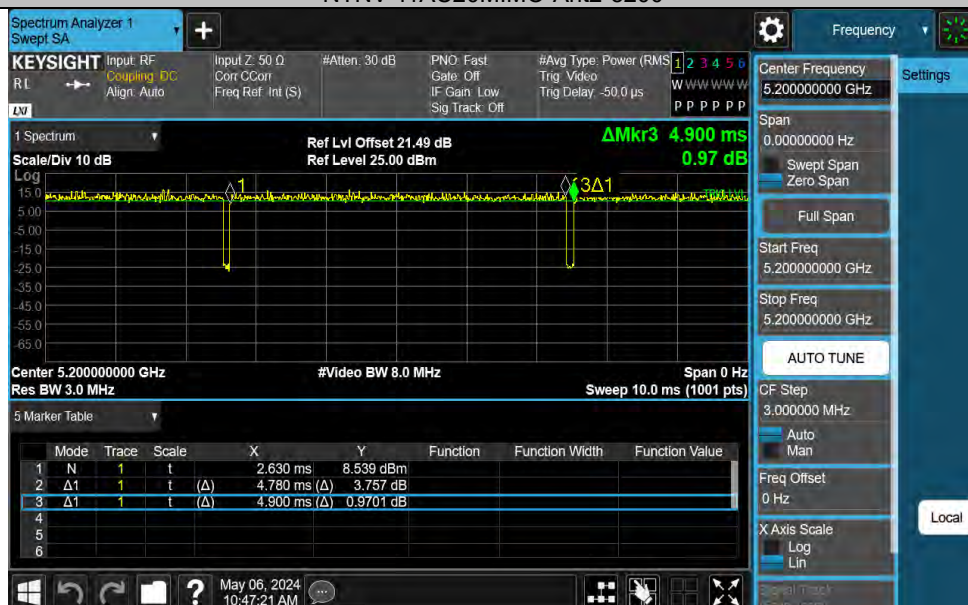
NTNV-11AC20MIMO-Ant2-5180



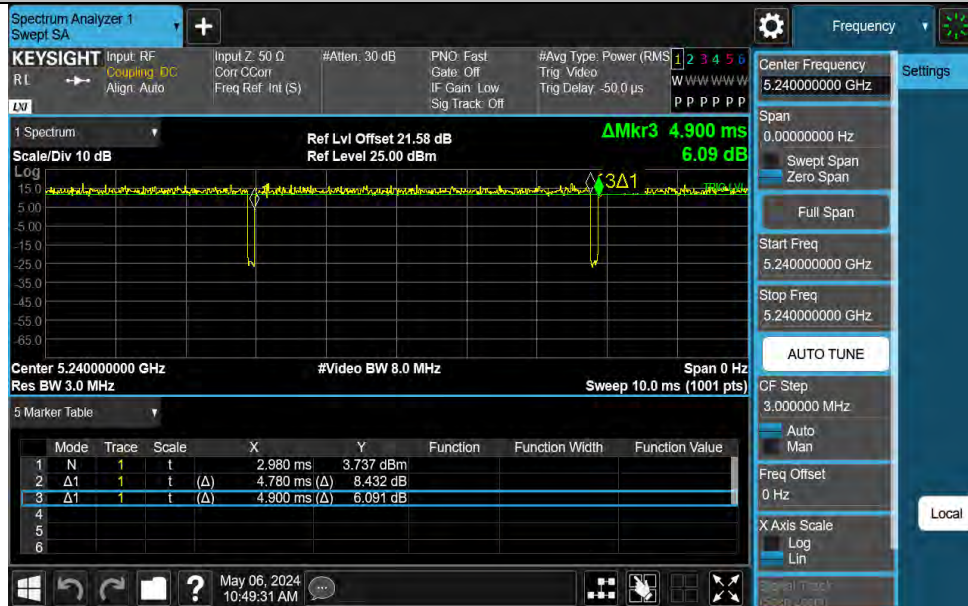
NTNV-11AC20MIMO-Ant1-5200



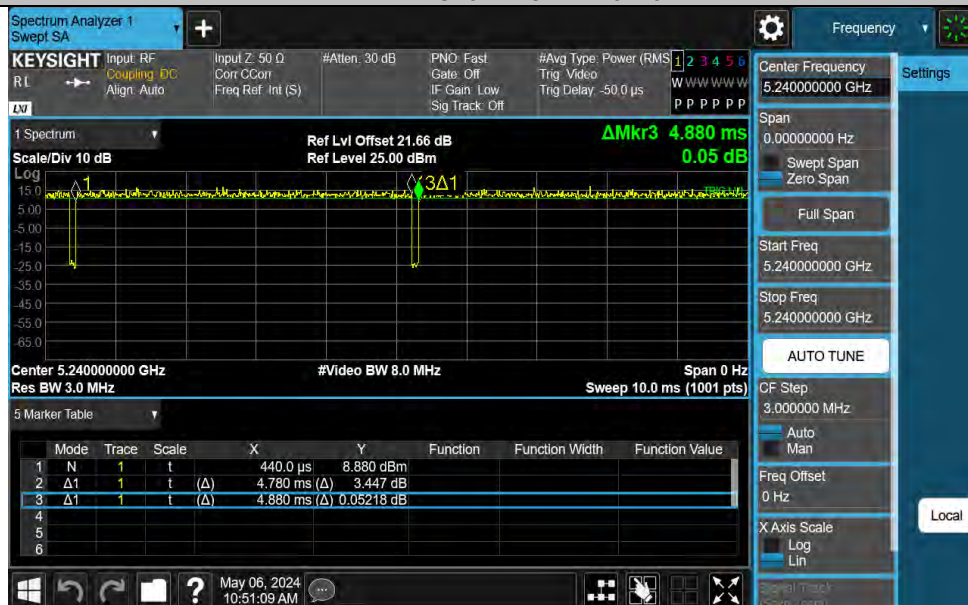
NTNV-11AC20MIMO-Ant2-5200



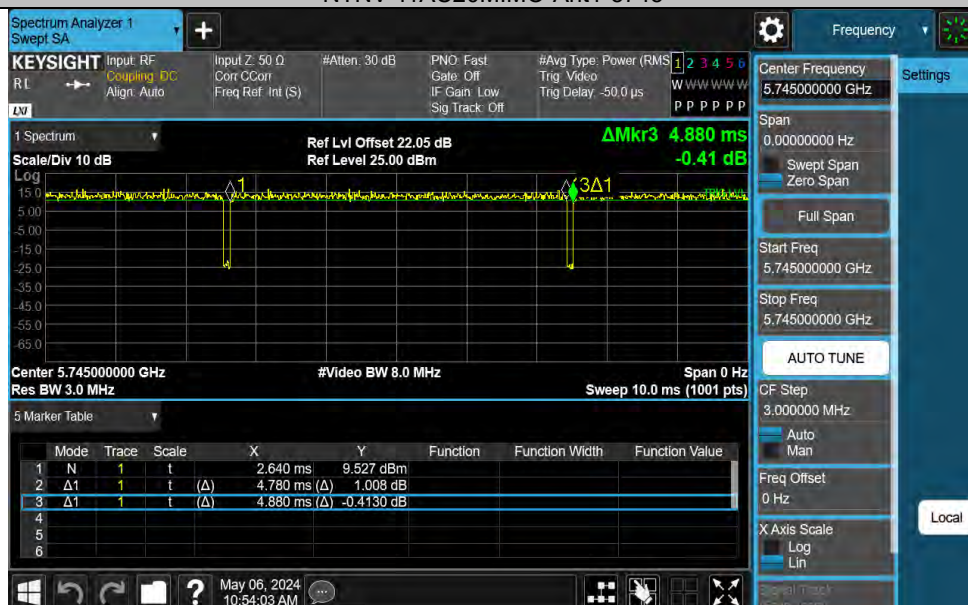
NTNV-11AC20MIMO-Ant1-5240



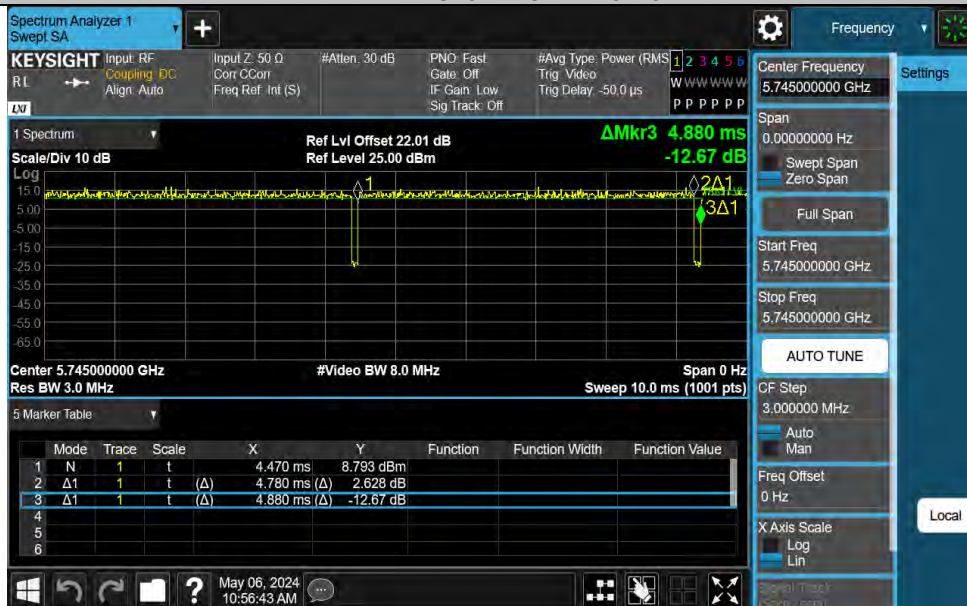
NTNV-11AC20MIMO-Ant2-5240



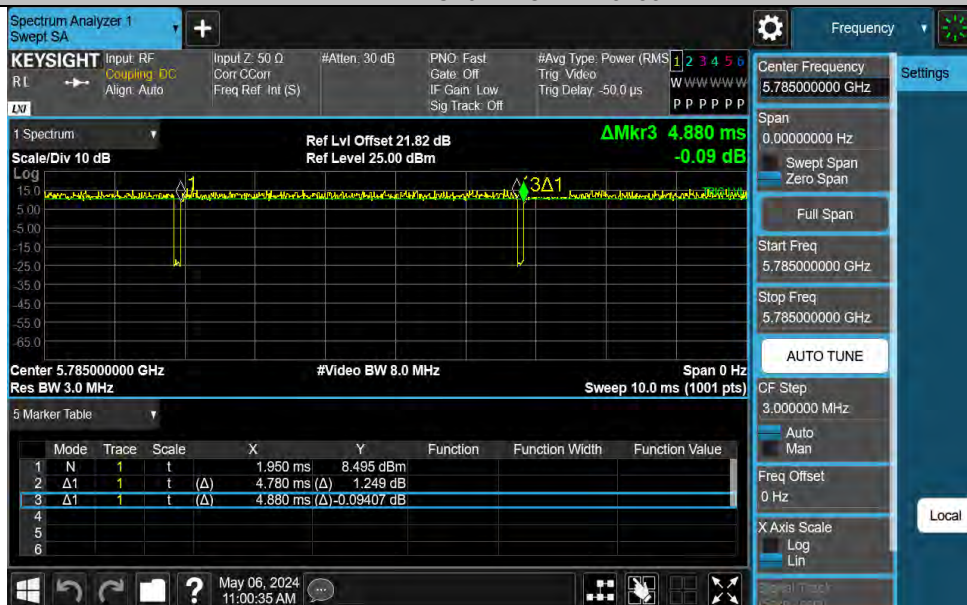
NTNV-11AC20MIMO-Ant1-5745



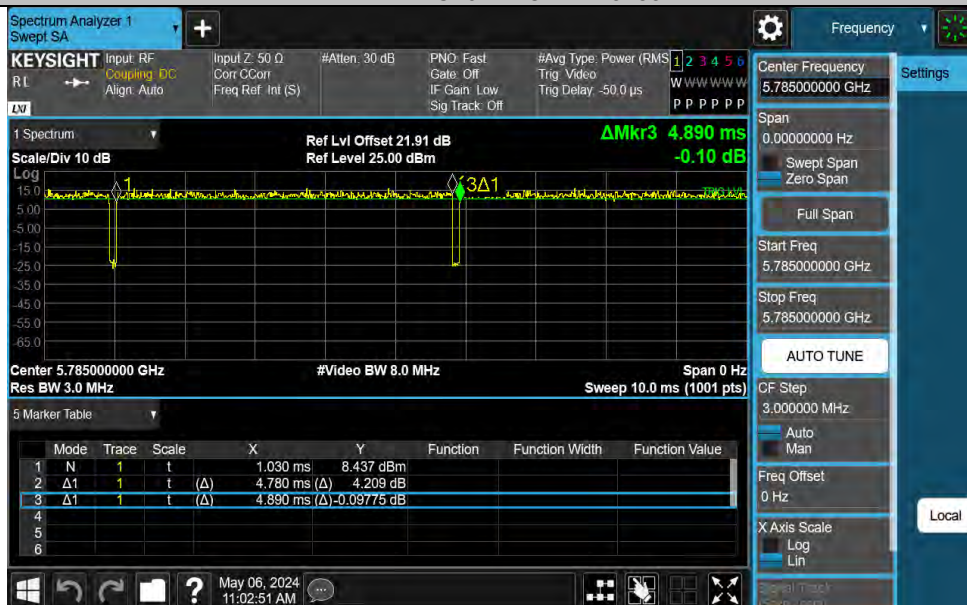
NTNV-11AC20MIMO-Ant2-5745



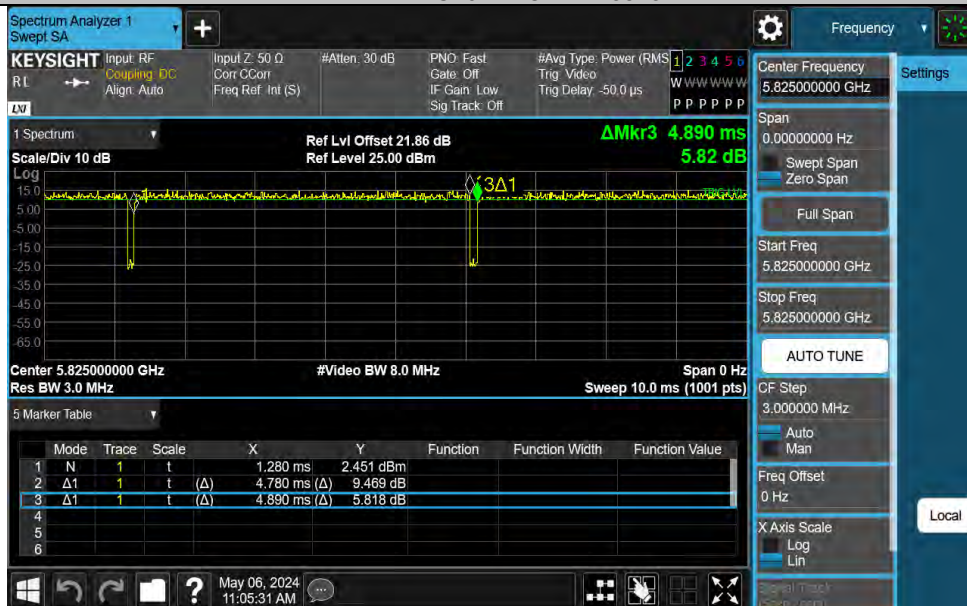
NTNV-11AC20MIMO-Ant1-5785



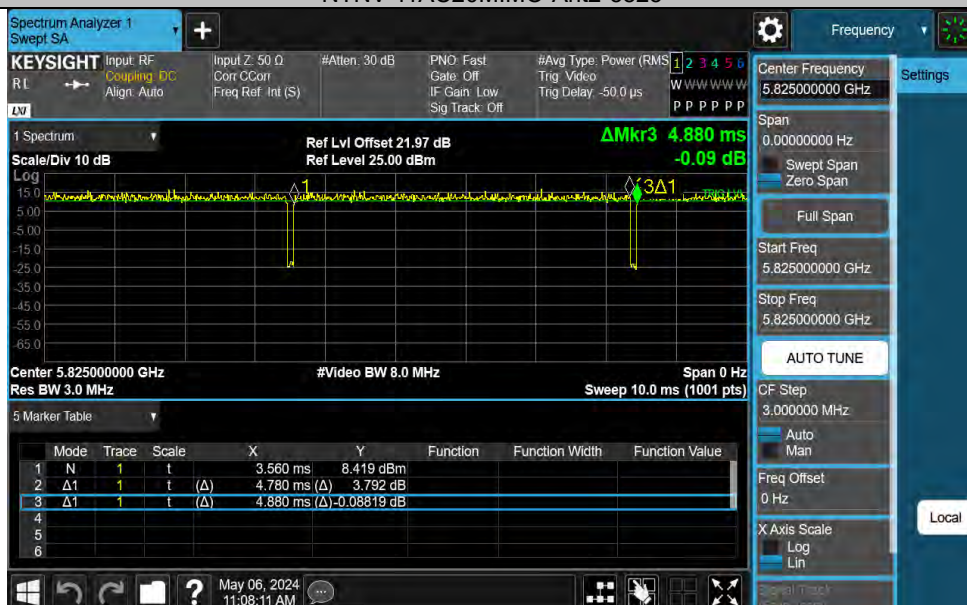
NTNV-11AC20MIMO-Ant2-5785



NTNV-11AC20MIMO-Ant1-5825



NTNV-11AC20MIMO-Ant2-5825



NTNV-11AC40MIMO-Ant1-5190

