11AX80MIMO-Ant1-5775

11AX80MIMO-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	16.320	5736.840	5753.160	0.5	PASS
11A	Ant2	5745	16.320	5736.840	5753.160	0.5	PASS
11A	Ant1	5785	16.280	5776.840	5793.120	0.5	PASS
11A	Ant2	5785	16.280	5776.880	5793.160	0.5	PASS
11A	Ant1	5825	16.320	5816.840	5833.160	0.5	PASS
11A	Ant2	5825	16.320	5816.840	5833.160	0.5	PASS
11N20MIMO	Ant1	5745	15.720	5736.840	5752.560	0.5	PASS
11N20MIMO	Ant2	5745	17.320	5736.240	5753.560	0.5	PASS
11N20MIMO	Ant1	5785	16.400	5776.480	5792.880	0.5	PASS
11N20MIMO	Ant2	5785	17.520	5776.240	5793.760	0.5	PASS
11N20MIMO	Ant1	5825	15.880	5816.880	5832.760	0.5	PASS
11N20MIMO	Ant2	5825	16.600	5816.840	5833.440	0.5	PASS
11N40MIMO	Ant1	5755	35.760	5736.840	5772.600	0.5	PASS
11N40MIMO	Ant2	5755	35.120	5737.480	5772.600	0.5	PASS
11N40MIMO	Ant1	5795	35.120	5777.480	5812.600	0.5	PASS
11N40MIMO	Ant2	5795	35.920	5776.840	5812.760	0.5	PASS
11AC20MIMO	Ant1	5745	16.920	5736.240	5753.160	0.5	PASS
11AC20MIMO	Ant2	5745	16.760	5736.640	5753.400	0.5	PASS
11AC20MIMO	Ant1	5785	15.680	5776.880	5792.560	0.5	PASS
11AC20MIMO	Ant2	5785	17.160	5776.240	5793.400	0.5	PASS
11AC20MIMO	Ant1	5825	16.920	5816.240	5833.160	0.5	PASS
11AC20MIMO	Ant2	5825	16.800	5816.600	5833.400	0.5	PASS
11AC40MIMO	Ant1	5755	35.440	5737.080	5772.520	0.5	PASS
11AC40MIMO	Ant2	5755	35.040	5737.480	5772.520	0.5	PASS
11AC40MIMO	Ant1	5795	35.120	5777.480	5812.600	0.5	PASS
11AC40MIMO	Ant2	5795	35.280	5777.240	5812.520	0.5	PASS
11AC80MIMO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS
11AC80MIMO	Ant2	5775	75.200	5737.400	5812.600	0.5	PASS
11AX20MIMO	Ant1	5745	17.480	5736.000	5753.480	0.5	PASS
11AX20MIMO	Ant2	5745	18.760	5735.600	5754.360	0.5	PASS
11AX20MIMO	Ant1	5785	17.520	5775.800	5793.320	0.5	PASS
11AX20MIMO	Ant2	5785	18.360	5775.520	5793.880	0.5	PASS
11AX20MIMO	Ant1	5825	17.160	5816.240	5833.400	0.5	PASS
11AX20MIMO	Ant2	5825	18.240	5816.000	5834.240	0.5	PASS
11AX40MIMO	Ant1	5755	37.120	5736.200	5773.320	0.5	PASS
11AX40MIMO	Ant2	5755	37.120	5736.280	5773.400	0.5	PASS
11AX40MIMO	Ant1	5795	36.320	5776.280	5812.600	0.5	PASS
11AX40MIMO	Ant2	5795	36.560	5776.120	5812.680	0.5	PASS
11AX80MIMO	Ant1	5775	77.760	5736.120	5813.880	0.5	PASS
11AX80MIMO	Ant2	5775	76.480	5736.280	5812.760	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

11AX20MIMO-Ant1-5745-PASS

11AX20MIMO-Ant2-5745-PASS

11AX20MIMO-Ant1-5785-PASS

11AX20MIMO-Ant2-5785-PASS

11AX20MIMO-Ant1-5825-PASS

11AX20MIMO-Ant2-5825-PASS

11AX40MIMO-Ant1-5755-PASS

11AX40MIMO-Ant2-5755-PASS

11AX40MIMO-Ant1-5795-PASS

11AX40MIMO-Ant2-5795-PASS

11AX80MIMO-Ant1-5775-PASS

11AX80MIMO-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	0.28	0.30	93.33
11A	Ant2	5180	0.29	0.31	93.55
11A	Ant1	5200	0.28	0.30	93.33
11A	Ant2	5200	0.29	0.31	93.55
11A	Ant1	5240	0.28	0.30	93.33
11A	Ant2	5240	0.28	0.30	93.33
11A	Ant1	5260	0.29	0.31	93.55
11A	Ant2	5260	0.29	0.31	93.55
11A	Ant1	5300	0.28	0.30	93.33
11A	Ant2	5300	0.28	0.30	93.33
11A	Ant1	5320	0.28	0.30	93.33
11A	Ant2	5320	0.28	0.30	93.33
11A	Ant1	5500	0.28	0.30	93.33
11A	Ant2	5500	0.29	0.31	93.55
11A	Ant1	5580	0.29	0.31	93.55
11A	Ant2	5580	0.28	0.30	93.33
11A	Ant1	5700	0.29	0.30	96.67
11A	Ant2	5700	0.28	0.30	93.33
11A	Ant1	5745	0.28	0.30	93.33
11A	Ant2	5745	0.29	0.31	93.55
11A	Ant1	5785	0.29	0.31	93.55
11A	Ant2	5785	0.28	0.30	93.33
11A	Ant1	5825	0.29	0.31	93.55
11A	Ant2	5825	0.28	0.30	93.33
11N20MIMO	Ant1	5180	0.50	0.52	96.15
11N20MIMO	Ant2	5180	0.51	0.52	98.08
11N20MIMO	Ant1	5200	0.50	0.52	96.15
11N20MIMO	Ant2	5200	0.51	0.53	96.23
11N20MIMO	Ant1	5240	0.50	0.52	96.15
11N20MIMO	Ant2	5240	0.50	0.52	96.15
11N20MIMO	Ant1	5260	0.51	0.53	96.23
11N20MIMO	Ant2	5260	0.50	0.52	96.15
11N20MIMO	Ant1	5300	0.50	0.52	96.15
11N20MIMO	Ant2	5300	0.50	0.52	96.15
11N20MIMO	Ant1	5320	0.50	0.52	96.15
11N20MIMO	Ant2	5320	0.50	0.52	96.15
11N20MIMO	Ant1	5500	0.50	0.52	96.15
11N20MIMO	Ant2	5500	0.51	0.53	96.23
11N20MIMO	Ant1	5580	0.50	0.52	96.15
11N20MIMO	Ant2	5580	0.50	0.52	96.15
11N20MIMO	Ant1	5700	0.50	0.52	96.15
11N20MIMO	Ant2	5700	0.50	0.52	96.15
11N20MIMO	Ant1	5745	0.50	0.52	96.15
11N20MIMO	Ant2	5745	0.50	0.52	96.15
11N20MIMO	Ant1	5785	0.51	0.52	98.08
11N20MIMO	Ant2	5785	0.50	0.52	96.15
11N20MIMO	Ant1	5825	0.50	0.52	96.15
11N20MIMO	Ant2	5825	0.50	0.52	96.15
11N40MIMO	Ant1	5190	0.51	0.52	98.08
11N40MIMO	Ant2	5190	0.51	0.53	96.23
11N40MIMO	Ant1	5230	0.51	0.52	98.08
11N40MIMO	Ant2	5230	0.51	0.53	96.23
11N40MIMO	Ant1	5270	0.51	0.52	98.08

11N40MIMO	Ant2	5270	0.51	0.53	96.23
11N40MIMO	Ant1	5310	0.51	0.53	96.23
11N40MIMO	Ant2	5310	0.51	0.52	98.08
11N40MIMO	Ant1	5510	0.51	0.53	96.23
11N40MIMO	Ant2	5510	0.51	0.53	96.23
11N40MIMO	Ant1	5550	0.51	0.52	98.08
11N40MIMO	Ant2	5550	0.51	0.52	98.08
11N40MIMO	Ant1	5670	0.51	0.53	96.23
11N40MIMO	Ant2	5670	0.51	0.52	98.08
11N40MIMO	Ant1	5755	0.50	0.52	96.15
11N40MIMO	Ant2	5755	0.50	0.52	96.15
11N40MIMO	Ant1	5795	0.51	0.52	98.08
11N40MIMO	Ant2	5795	0.51	0.52	98.08
11AC20MIMO	Ant1	5180	0.51	0.52	98.08
11AC20MIMO	Ant2	5180	0.51	0.52	98.08
11AC20MIMO	Ant1	5200	0.51	0.53	96.23
11AC20MIMO	Ant2	5200	0.51	0.53	96.23
11AC20MIMO	Ant1	5240	0.50	0.52	96.15
11AC20MIMO	Ant2	5240	0.51	0.53	96.23
11AC20MIMO	Ant1	5260	0.51	0.53	96.23
11AC20MIMO	Ant2	5260	0.51	0.53	96.23
11AC20MIMO	Ant1	5300	0.50	0.52	96.15
11AC20MIMO	Ant2	5300	0.51	0.52	98.08
11AC20MIMO	Ant1	5320	0.50	0.52	96.15
11AC20MIMO	Ant2	5320	0.50	0.52	96.15
11AC20MIMO	Ant1	5500	0.51	0.53	96.23
11AC20MIMO	Ant2	5500	0.51	0.53	96.23
11AC20MIMO	Ant1	5580	0.50	0.52	96.15
11AC20MIMO	Ant2	5580	0.51	0.53	96.23
11AC20MIMO	Ant1	5700	0.51	0.53	96.23
11AC20MIMO	Ant2	5700	0.51	0.53	96.23
11AC20MIMO	Ant1	5745	0.50	0.52	96.15
11AC20MIMO	Ant2	5745	0.51	0.53	96.23
11AC20MIMO	Ant1	5785	0.51	0.53	96.23
11AC20MIMO	Ant2	5785	0.51	0.52	98.08
11AC20MIMO	Ant1	5825	0.51	0.53	96.23
11AC20MIMO	Ant2	5825	0.51	0.53	96.23
11AC40MIMO	Ant1	5190	0.51	0.53	96.23
11AC40MIMO	Ant2	5190	0.51	0.53	96.23
11AC40MIMO	Ant1	5230	0.51	0.53	96.23
11AC40MIMO	Ant2	5230	0.51	0.53	96.23
11AC40MIMO	Ant1	5270	0.52	0.53	98.11
11AC40MIMO	Ant2	5270	0.51	0.53	96.23
11AC40MIMO	Ant1	5310	0.51	0.53	96.23
11AC40MIMO	Ant2	5310	0.51	0.53	96.23
11AC40MIMO	Ant1	5510	0.52	0.53	98.11
11AC40MIMO	Ant2	5510	0.51	0.53	96.23
11AC40MIMO	Ant1	5550	0.52	0.53	98.11
11AC40MIMO	Ant2	5550	0.51	0.53	96.23
11AC40MIMO	Ant1	5670	0.51	0.53	96.23
11AC40MIMO	Ant2	5670	0.52	0.53	98.11
11AC40MIMO	Ant1	5755	0.51	0.53	96.23
11AC40MIMO	Ant2	5755	0.51	0.53	96.23
11AC40MIMO	Ant1	5795	0.51	0.53	96.23
11AC40MIMO	Ant2	5795	0.51	0.53	96.23
11AC80MIMO	Ant1	5210	0.54	0.56	96.43
11AC80MIMO	Ant2	5210	0.54	0.56	96.43

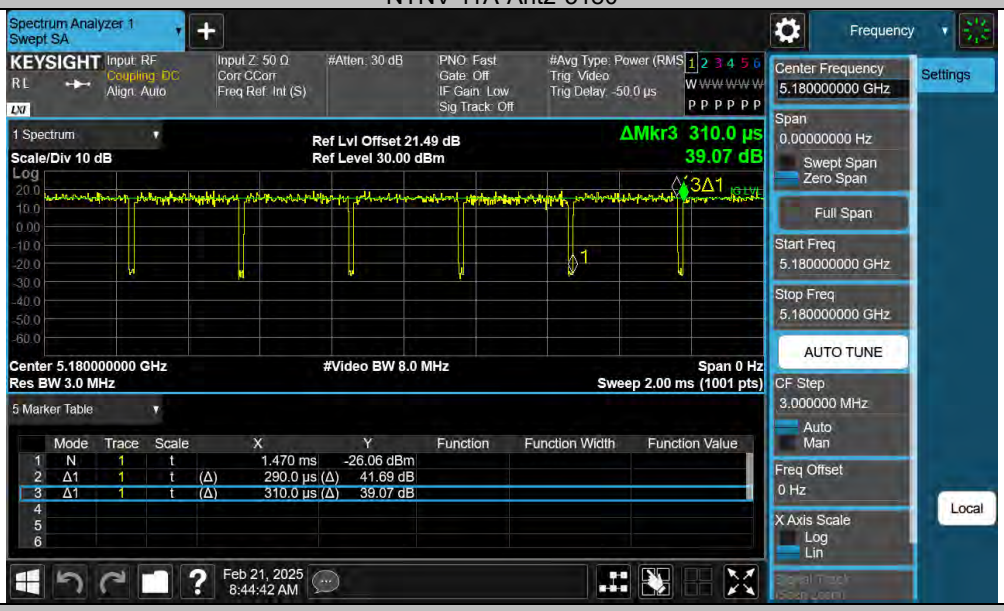
11AC80MIMO	Ant1	5290	0.54	0.56	96.43
11AC80MIMO	Ant2	5290	0.54	0.56	96.43
11AC80MIMO	Ant1	5530	0.54	0.56	96.43
11AC80MIMO	Ant2	5530	0.54	0.56	96.43
11AC80MIMO	Ant1	5610	0.55	0.56	98.21
11AC80MIMO	Ant2	5610	0.54	0.56	96.43
11AC80MIMO	Ant1	5775	0.54	0.56	96.43
11AC80MIMO	Ant2	5775	0.54	0.56	96.43
11AX20MIMO	Ant1	5180	0.48	0.50	96.00
11AX20MIMO	Ant2	5180	0.48	0.50	96.00
11AX20MIMO	Ant1	5200	0.48	0.50	96.00
11AX20MIMO	Ant2	5200	0.48	0.50	96.00
11AX20MIMO	Ant1	5240	0.48	0.50	96.00
11AX20MIMO	Ant2	5240	0.48	0.50	96.00
11AX20MIMO	Ant1	5260	0.48	0.49	97.96
11AX20MIMO	Ant2	5260	0.48	0.50	96.00
11AX20MIMO	Ant1	5300	0.48	0.50	96.00
11AX20MIMO	Ant2	5300	0.48	0.50	96.00
11AX20MIMO	Ant1	5320	0.48	0.50	96.00
11AX20MIMO	Ant2	5320	0.48	0.50	96.00
11AX20MIMO	Ant1	5500	0.48	0.50	96.00
11AX20MIMO	Ant2	5500	0.48	0.49	97.96
11AX20MIMO	Ant1	5580	0.47	0.49	95.92
11AX20MIMO	Ant2	5580	0.48	0.50	96.00
11AX20MIMO	Ant1	5700	0.48	0.50	96.00
11AX20MIMO	Ant2	5700	0.47	0.49	95.92
11AX20MIMO	Ant1	5745	0.48	0.50	96.00
11AX20MIMO	Ant2	5745	0.48	0.49	97.96
11AX20MIMO	Ant1	5785	0.48	0.49	97.96
11AX20MIMO	Ant2	5785	0.48	0.50	96.00
11AX20MIMO	Ant1	5825	0.48	0.50	96.00
11AX20MIMO	Ant2	5825	0.48	0.50	96.00
11AX40MIMO	Ant1	5190	0.54	0.55	98.18
11AX40MIMO	Ant2	5190	0.54	0.56	96.43
11AX40MIMO	Ant1	5230	0.54	0.56	96.43
11AX40MIMO	Ant2	5230	0.54	0.56	96.43
11AX40MIMO	Ant1	5270	0.54	0.55	98.18
11AX40MIMO	Ant2	5270	0.54	0.56	96.43
11AX40MIMO	Ant1	5310	0.53	0.55	96.36
11AX40MIMO	Ant2	5310	0.53	0.55	96.36
11AX40MIMO	Ant1	5510	0.54	0.55	98.18
11AX40MIMO	Ant2	5510	0.53	0.55	96.36
11AX40MIMO	Ant1	5550	0.53	0.55	96.36
11AX40MIMO	Ant2	5550	0.54	0.55	98.18
11AX40MIMO	Ant1	5670	0.54	0.56	96.43
11AX40MIMO	Ant2	5670	0.54	0.56	96.43
11AX40MIMO	Ant1	5755	0.53	0.55	96.36
11AX40MIMO	Ant2	5755	0.54	0.56	96.43
11AX40MIMO	Ant1	5795	0.54	0.56	96.43
11AX40MIMO	Ant2	5795	0.54	0.55	98.18
11AX80MIMO	Ant1	5210	0.53	0.54	98.15
11AX80MIMO	Ant2	5210	0.53	0.55	96.36
11AX80MIMO	Ant1	5290	0.53	0.55	96.36
11AX80MIMO	Ant2	5290	0.53	0.54	98.15
11AX80MIMO	Ant1	5530	0.52	0.54	96.30
11AX80MIMO	Ant2	5530	0.53	0.55	96.36
11AX80MIMO	Ant1	5610	0.53	0.55	96.36

11AX80MIMO	Ant2	5610	0.53	0.54	98.15
11AX80MIMO	Ant1	5775	0.53	0.54	98.15
11AX80MIMO	Ant2	5775	0.53	0.54	98.15

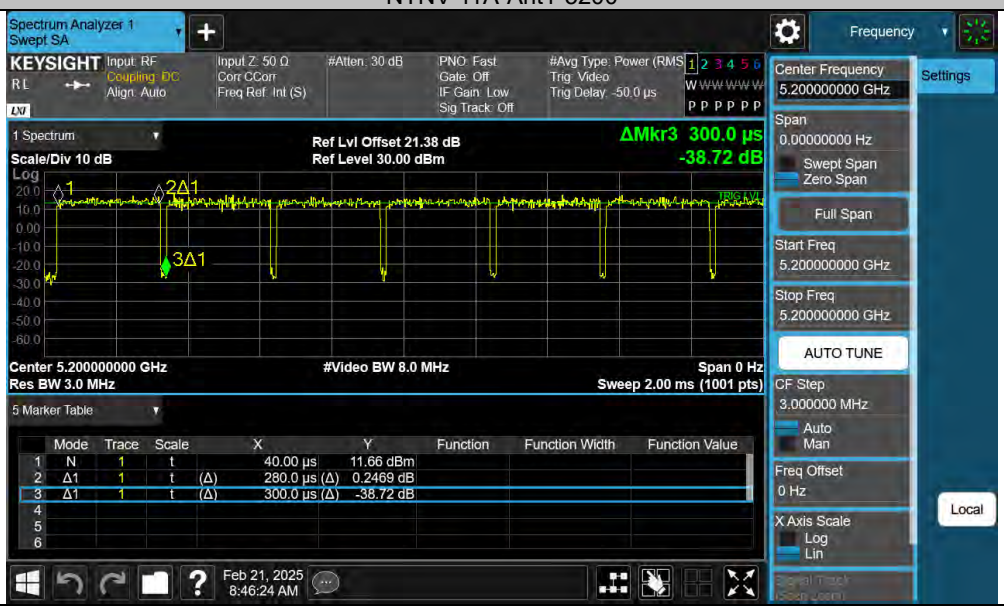
Test Graphs

NTNV-11A-Ant1-5180

NTNV-11A-Ant2-5180



NTNV-11A-Ant1-5200



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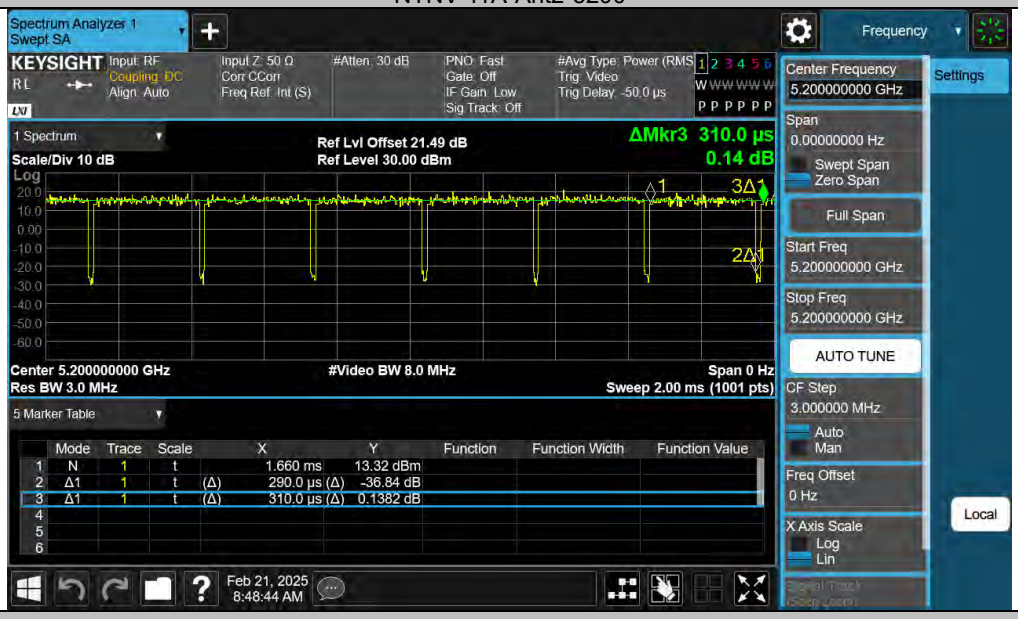

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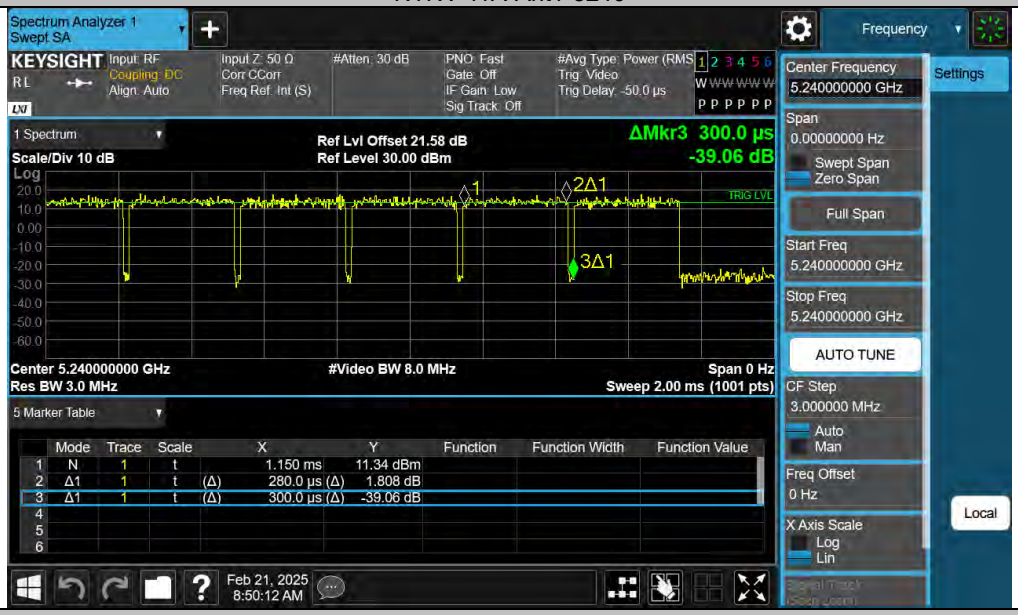

NTNV-11A-Ant2-5240

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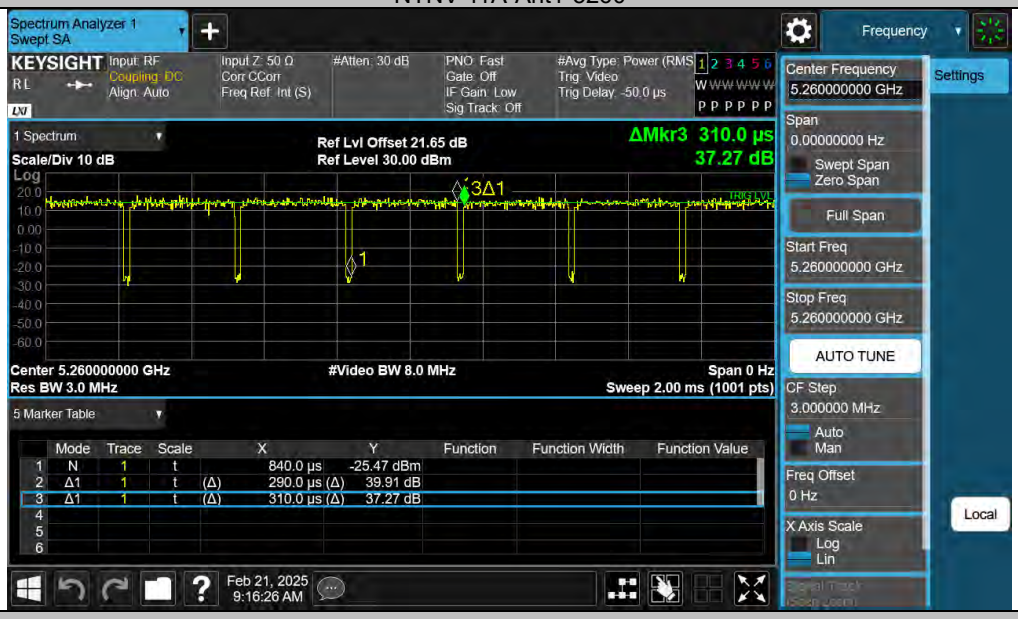

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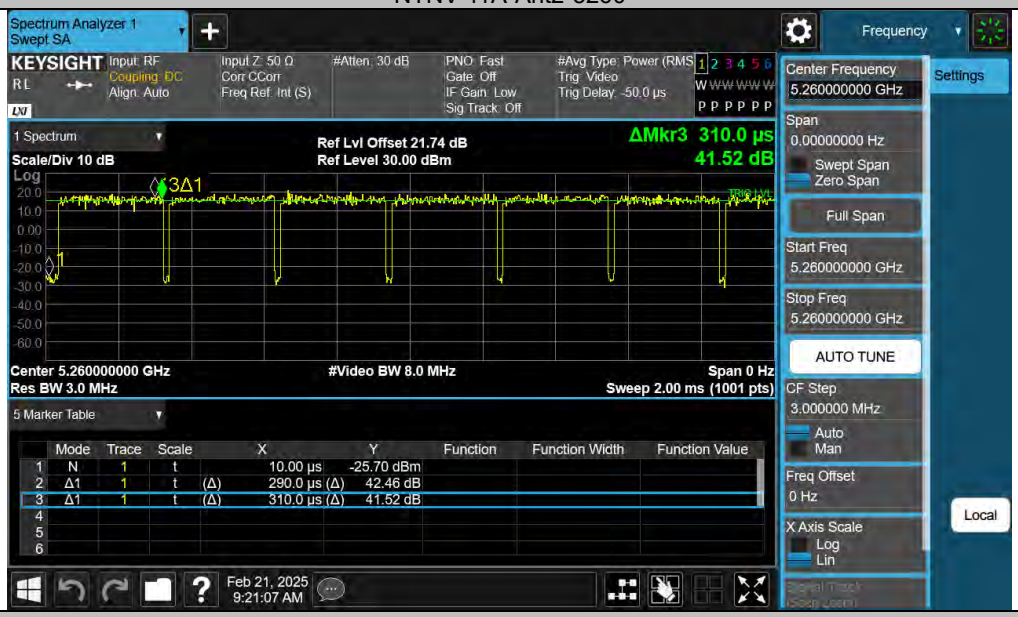

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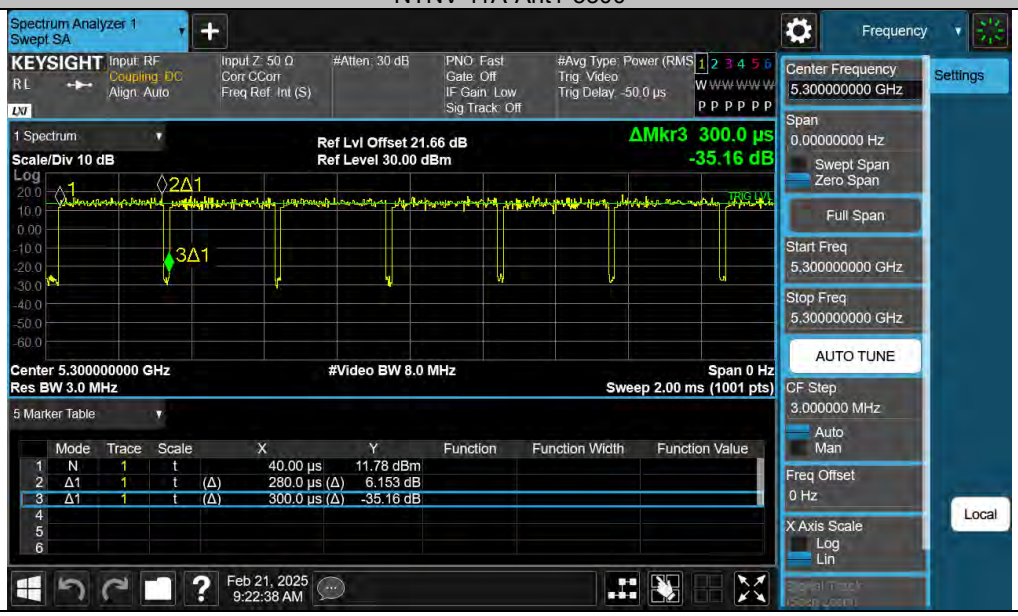
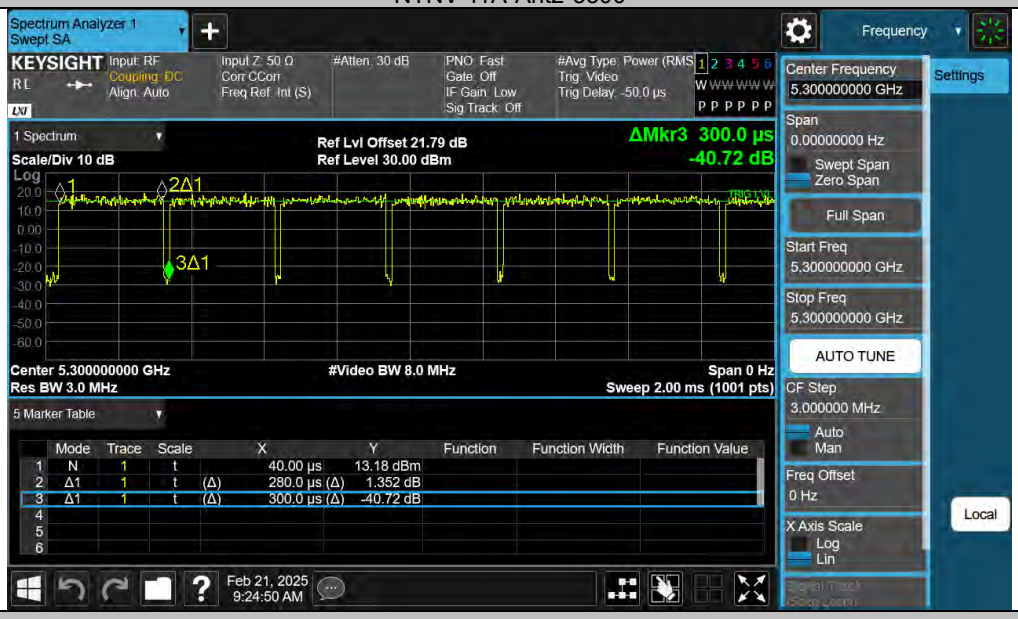


NTNV-11A-Ant2-5300



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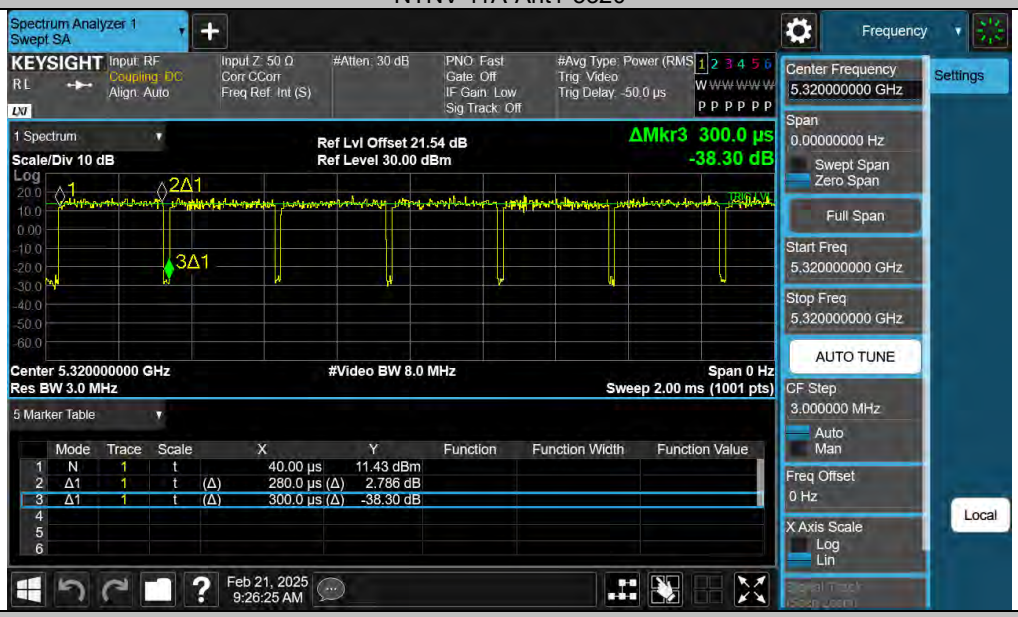
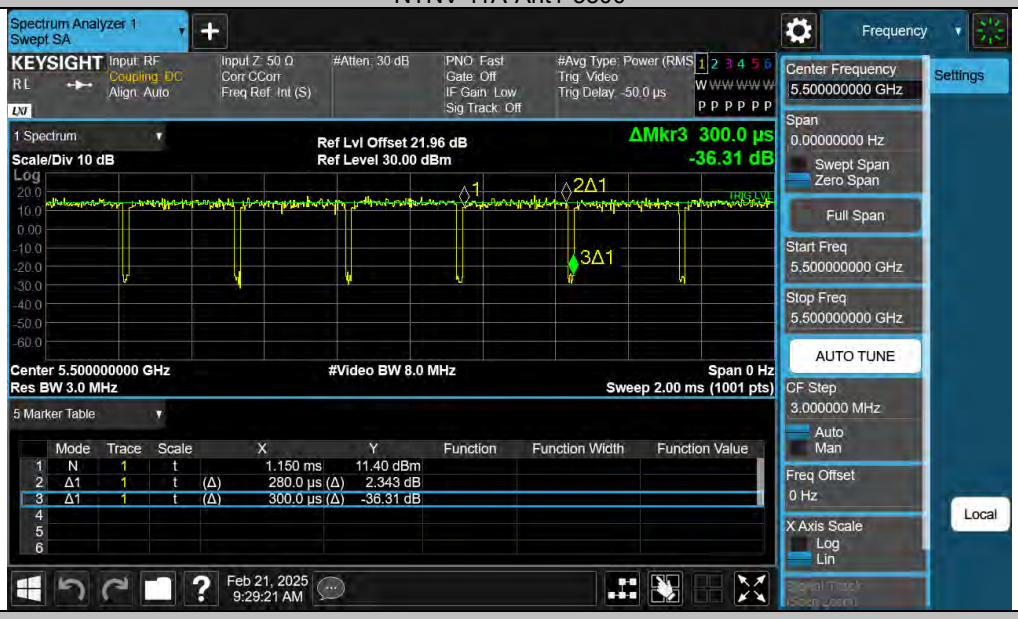


NTNV-11A-Ant2-5320

NTNV-11A-Ant1-5500



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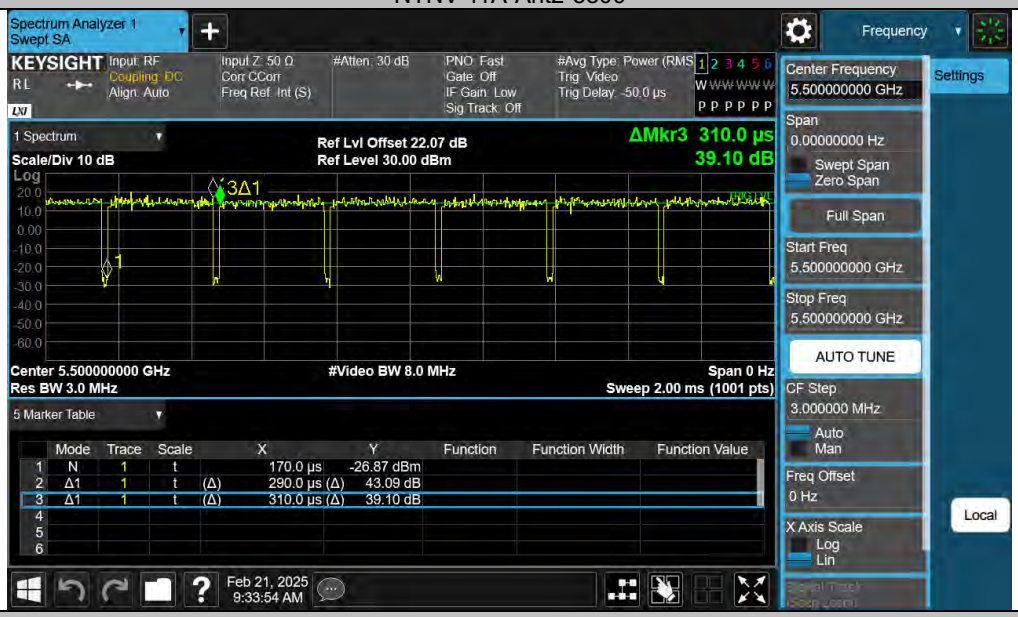

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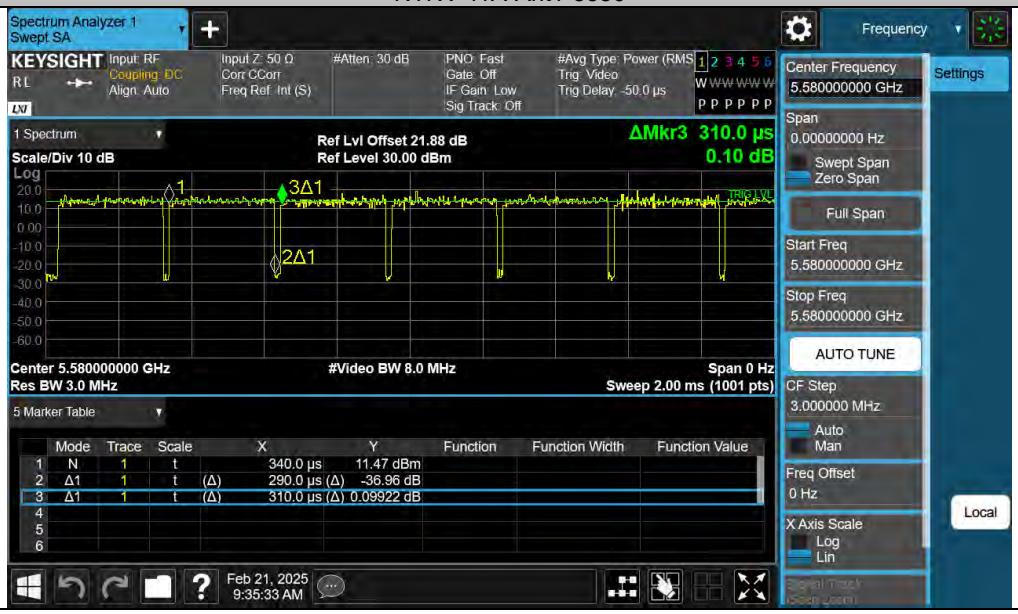
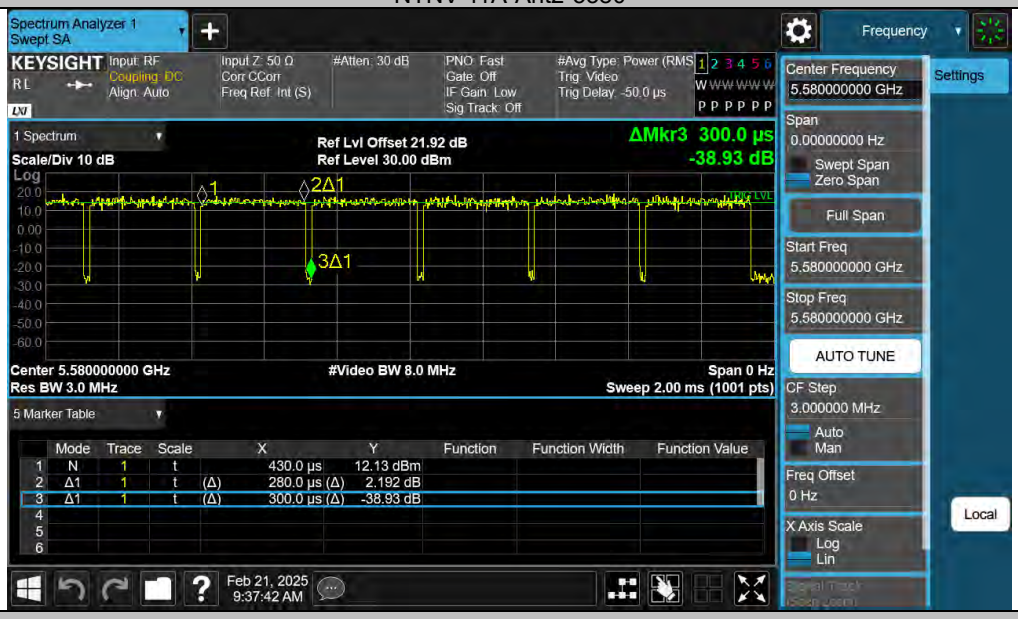
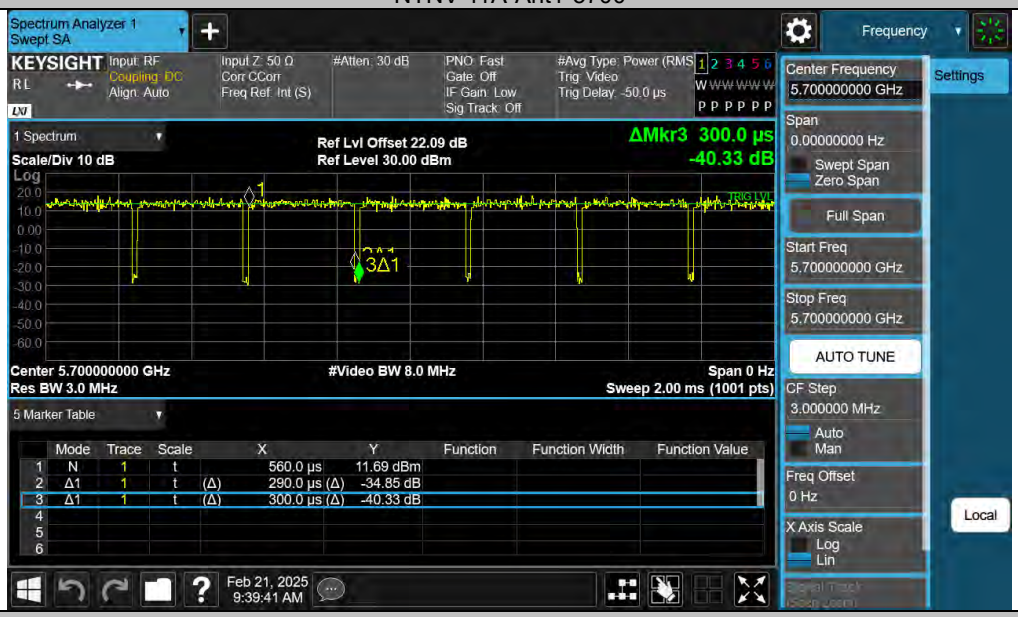


NTNV-11A-Ant2-5580



NTNV-11A-Ant1-5700



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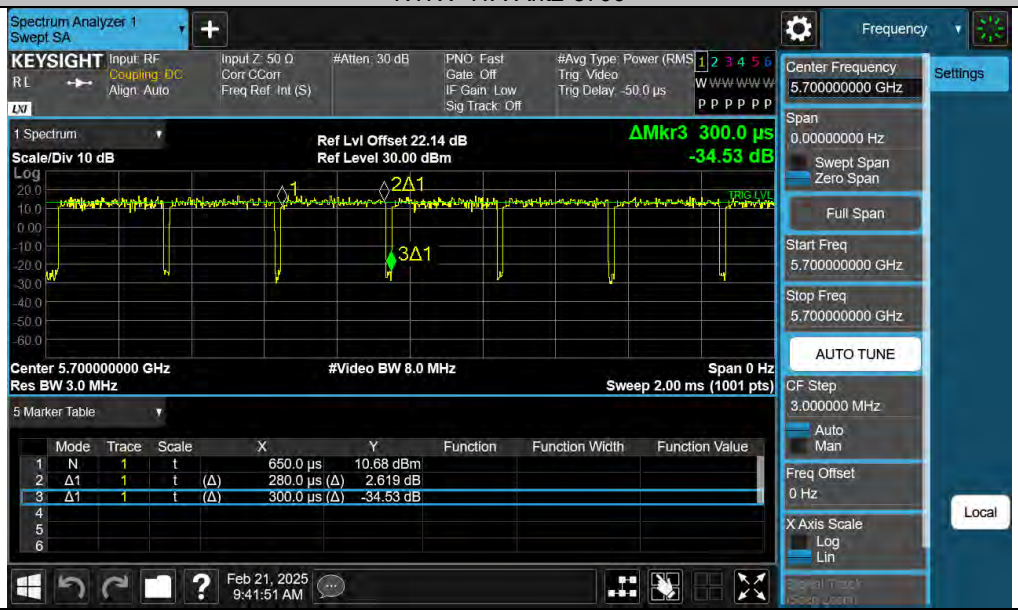

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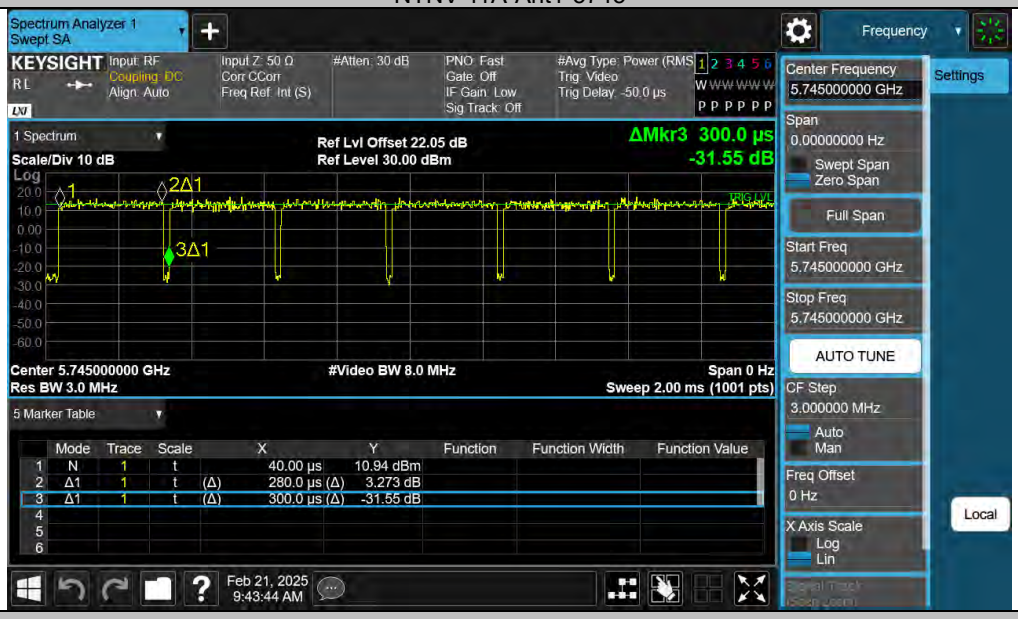

NTNV-11A-Ant2-5745

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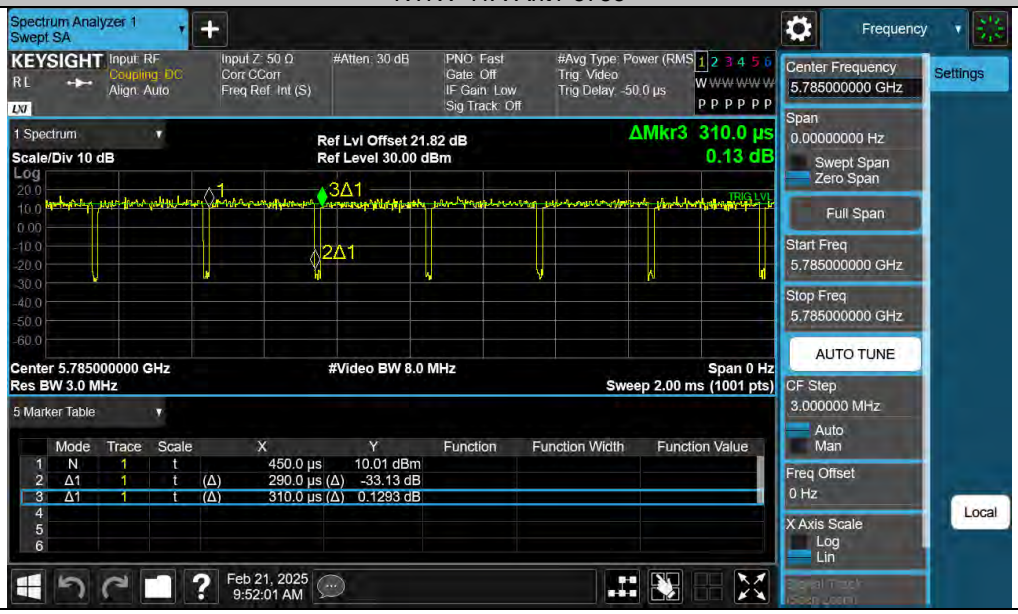

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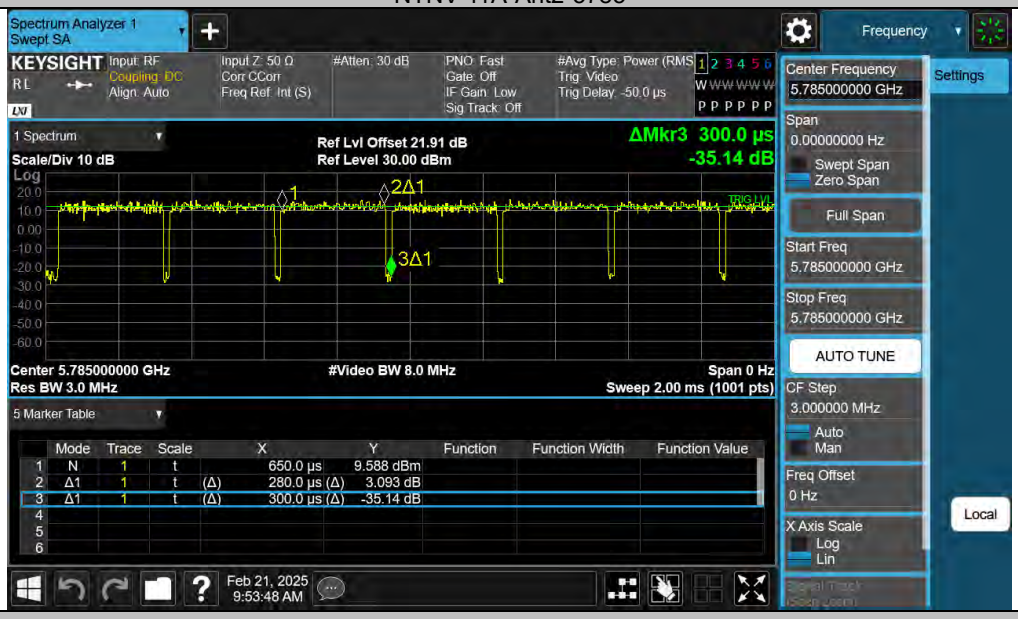

NTNV-11A-Ant1-5825

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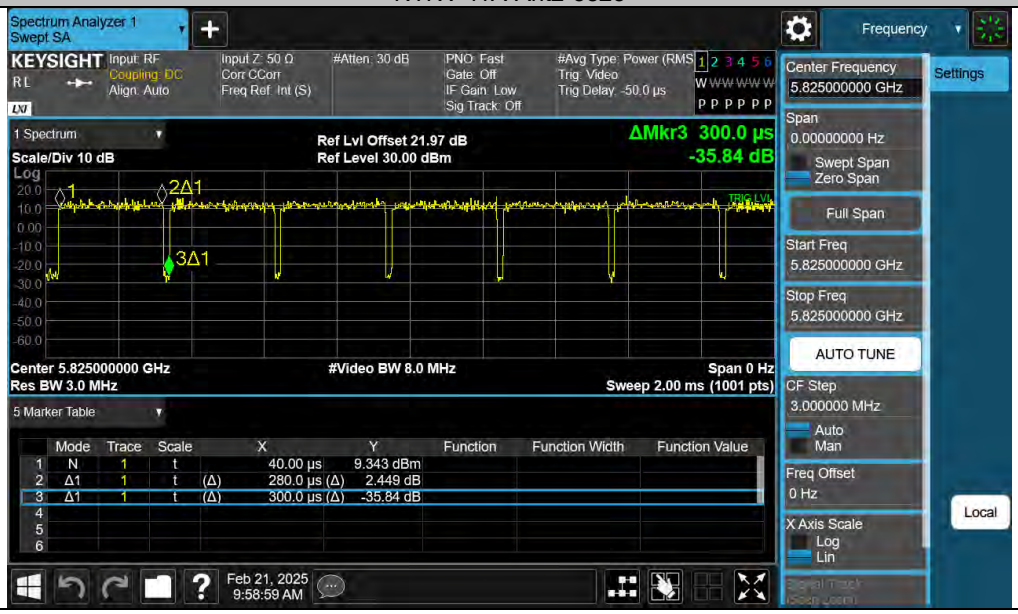

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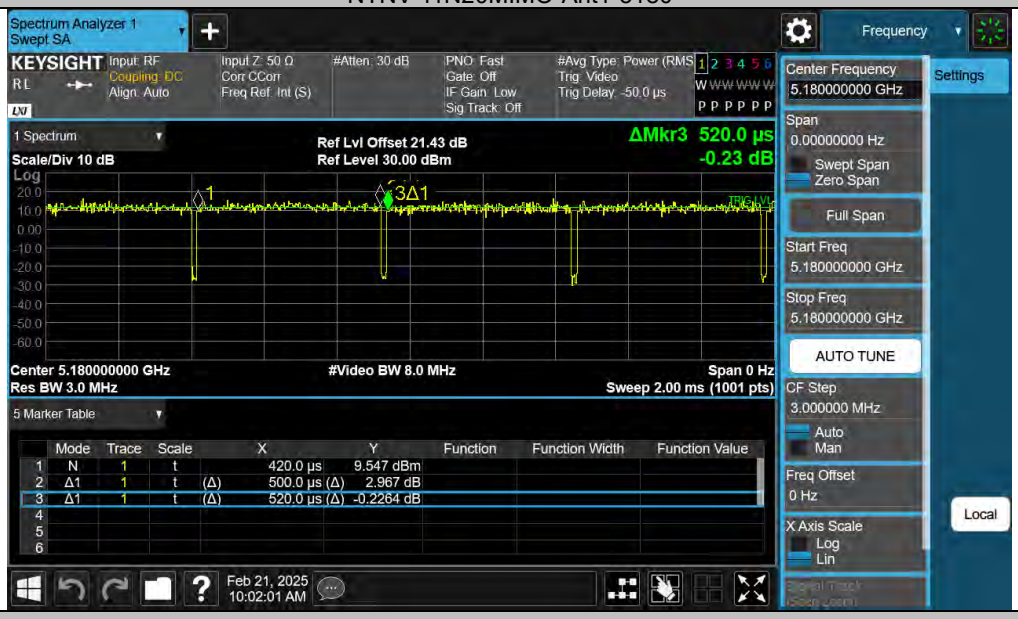

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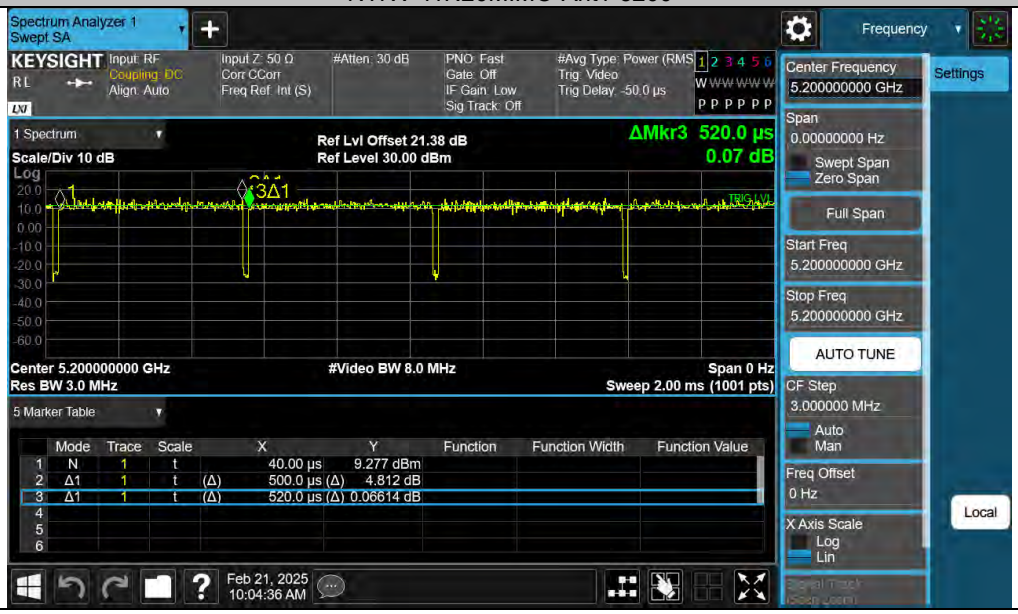

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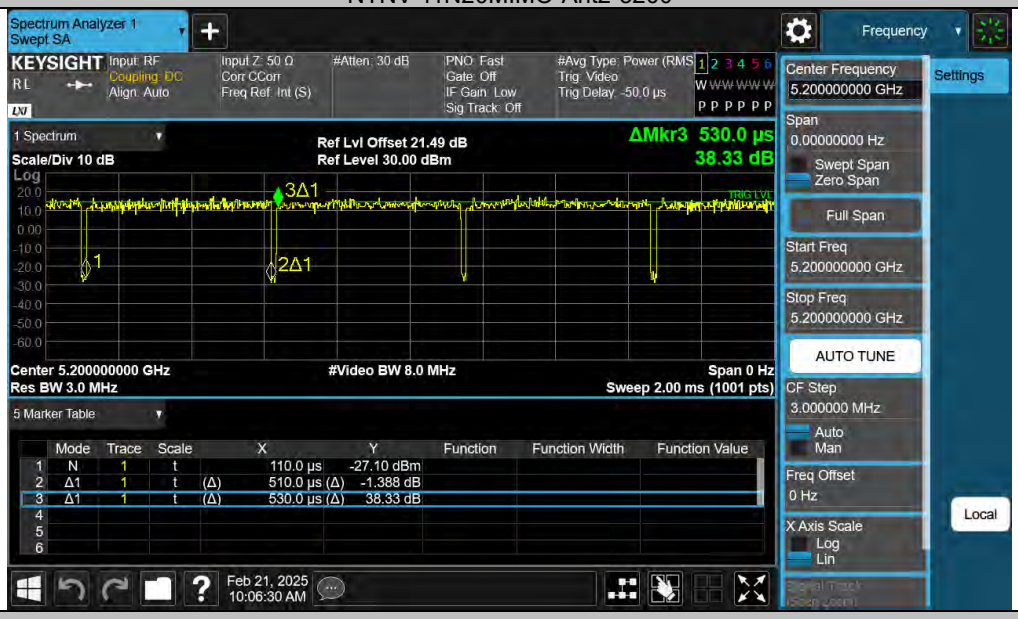

NTNV-11N20MIMO-Ant1-5240

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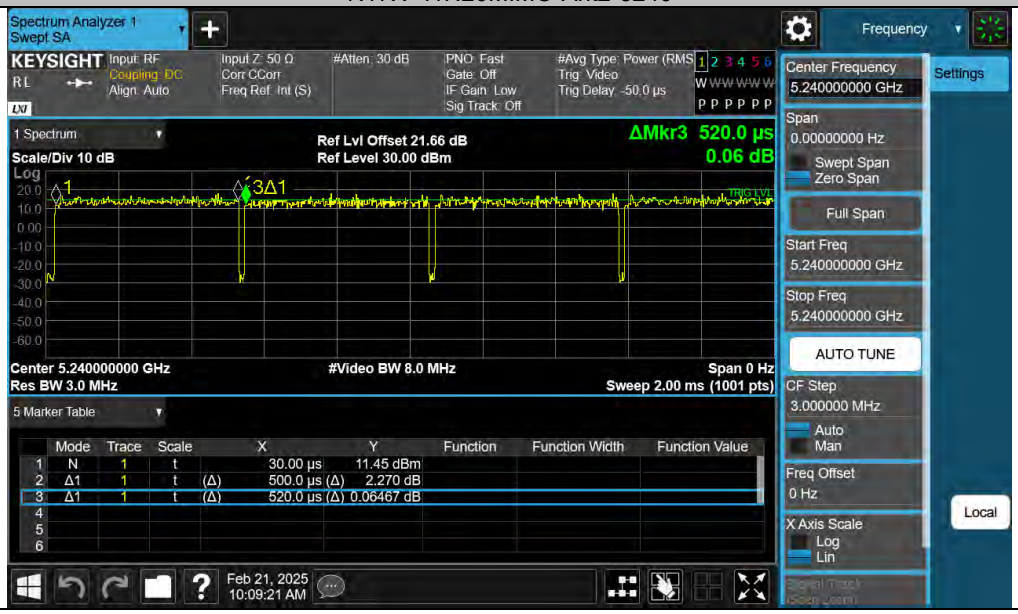

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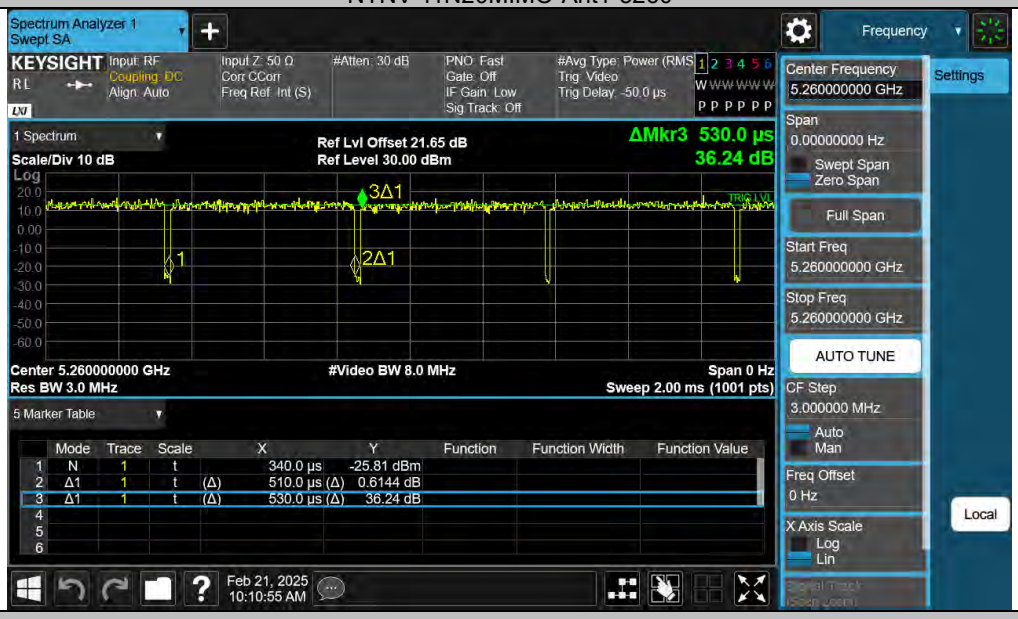

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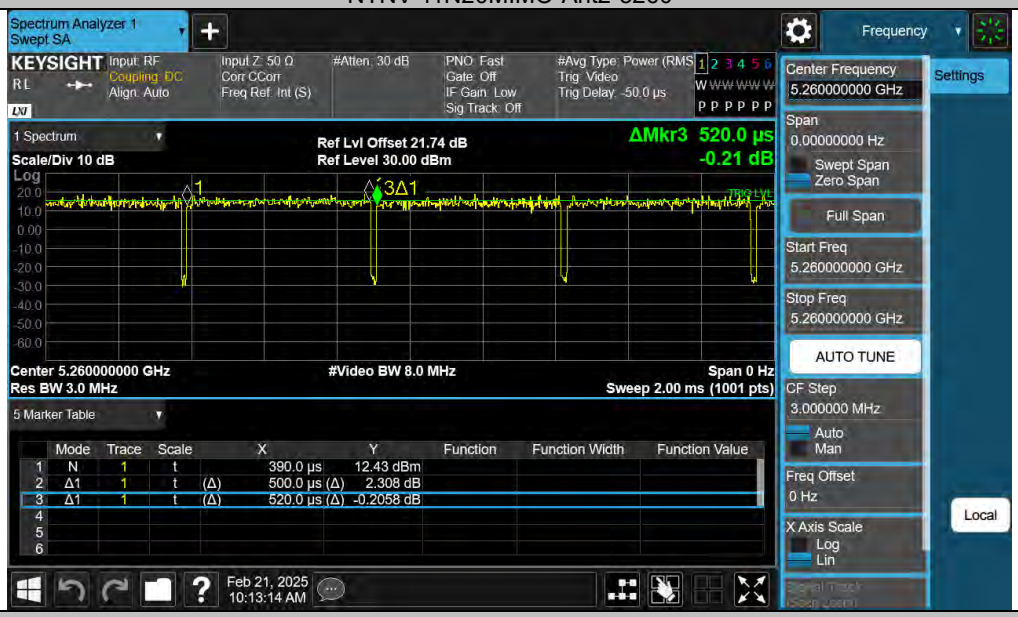

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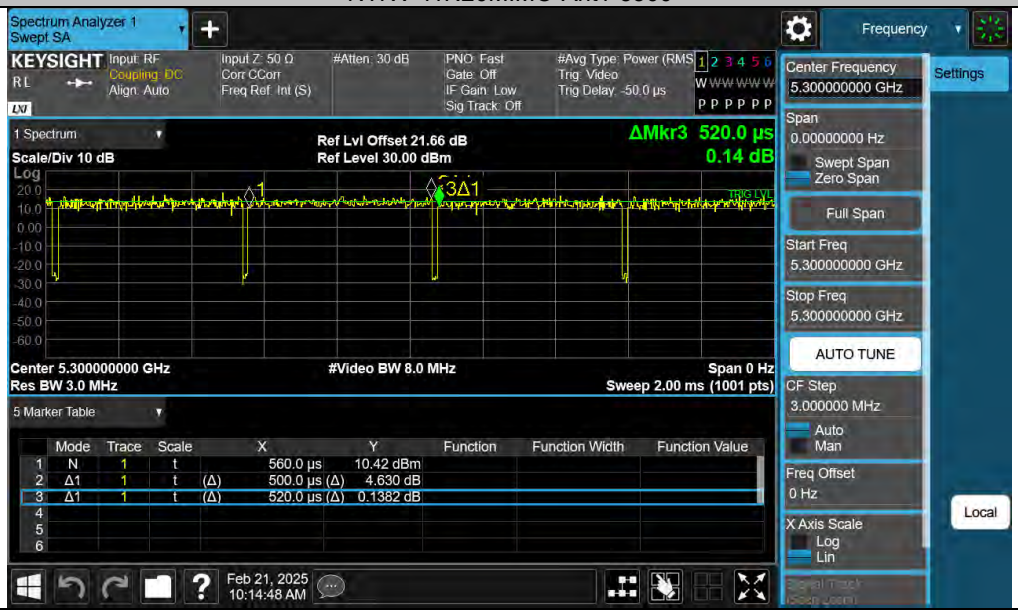

NTNV-11N20MIMO-Ant2-5300

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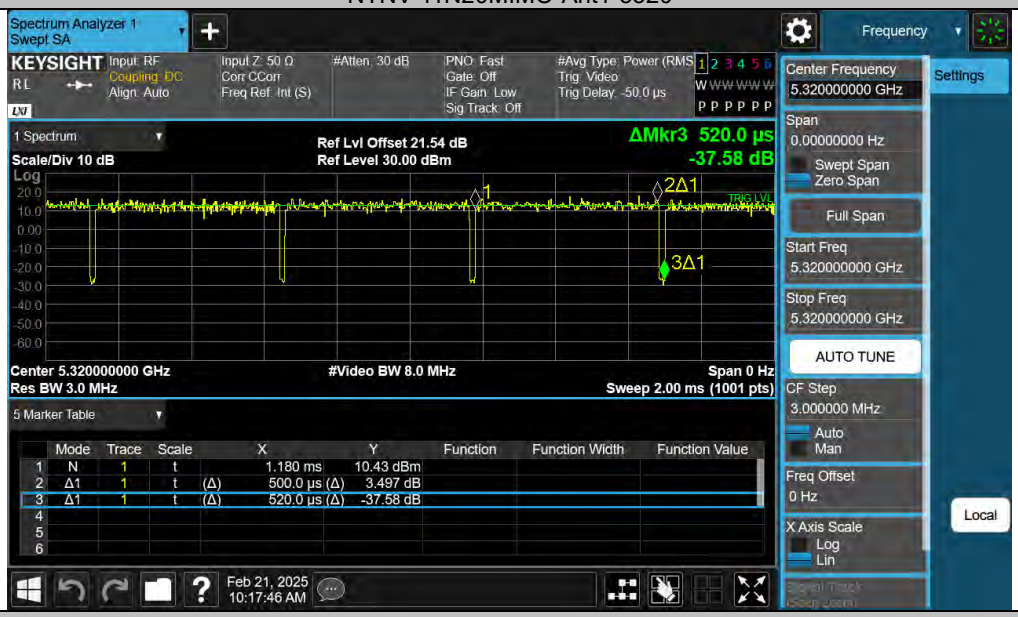

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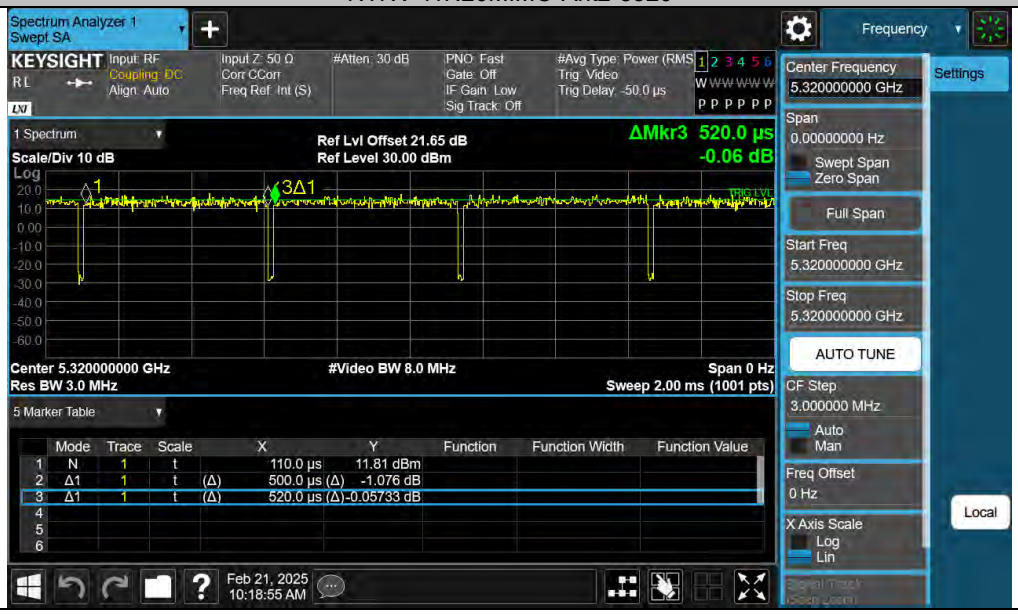

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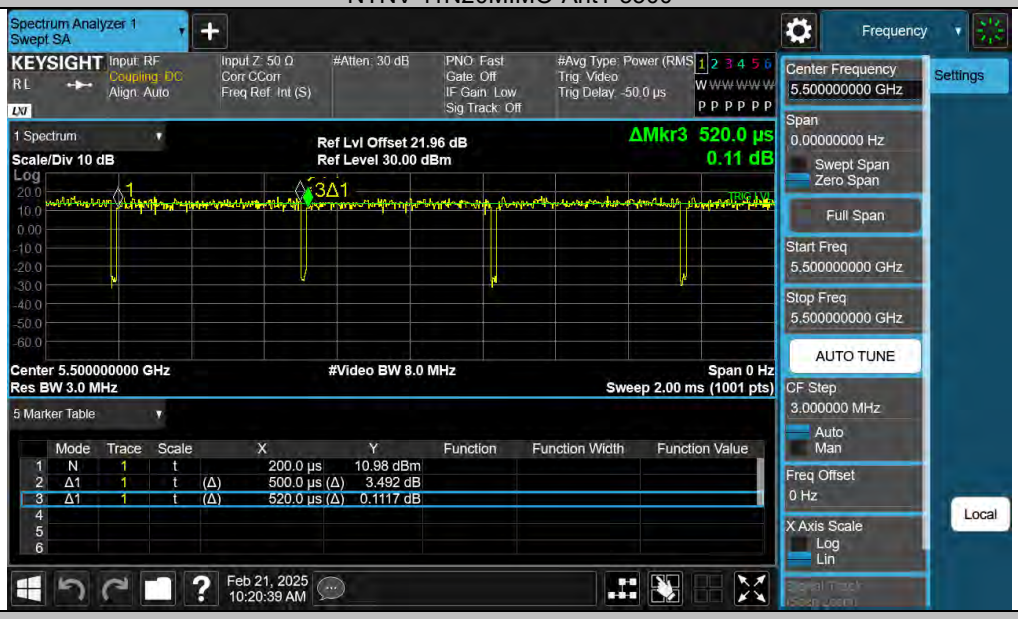

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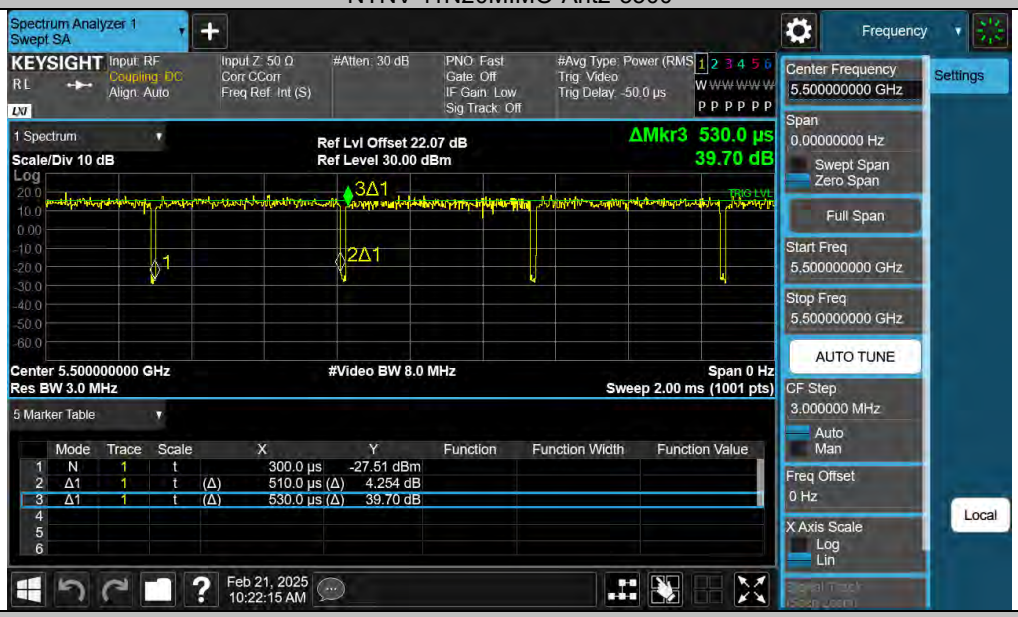

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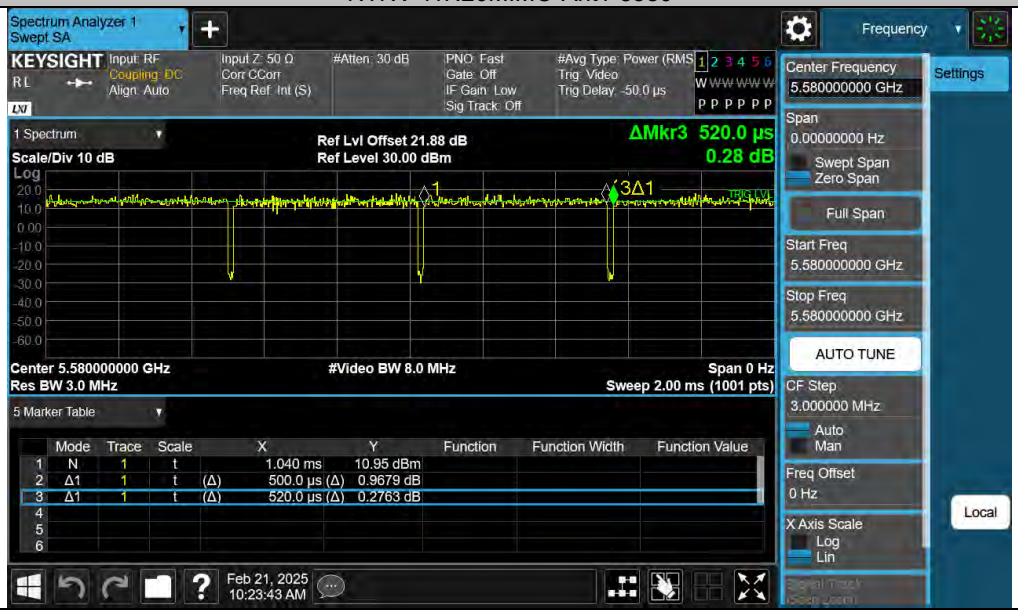

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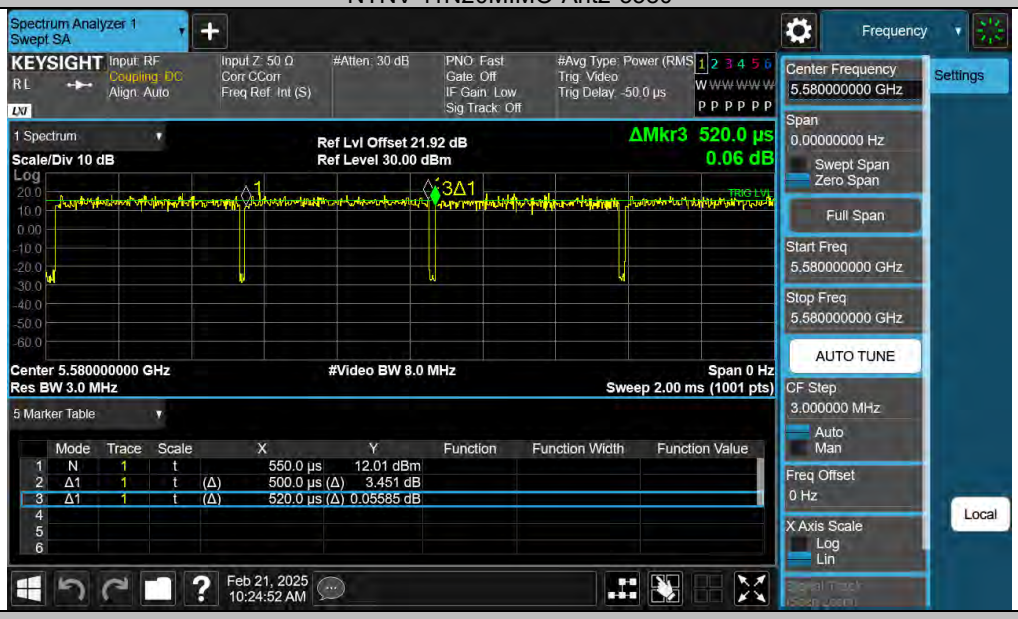

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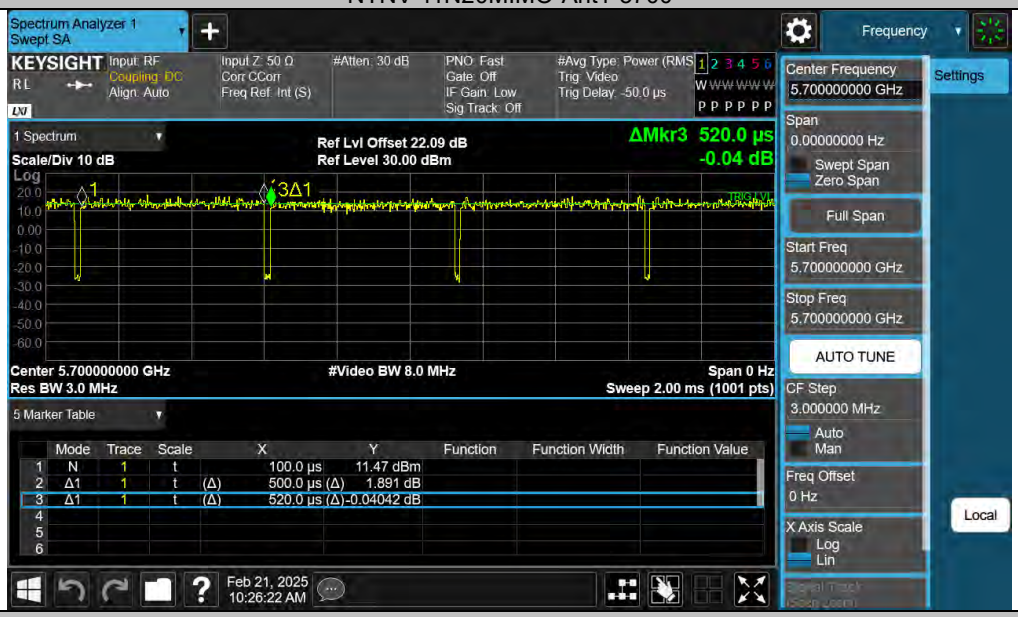
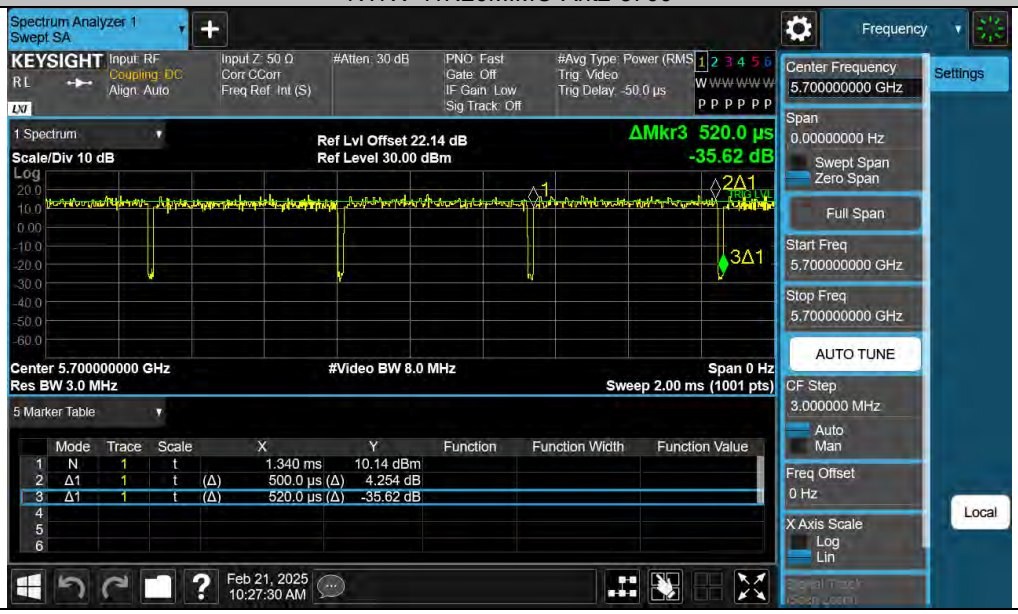
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