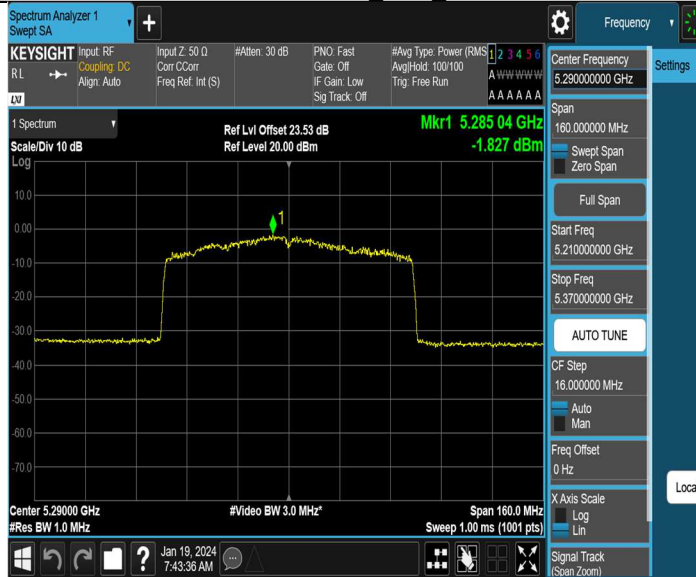


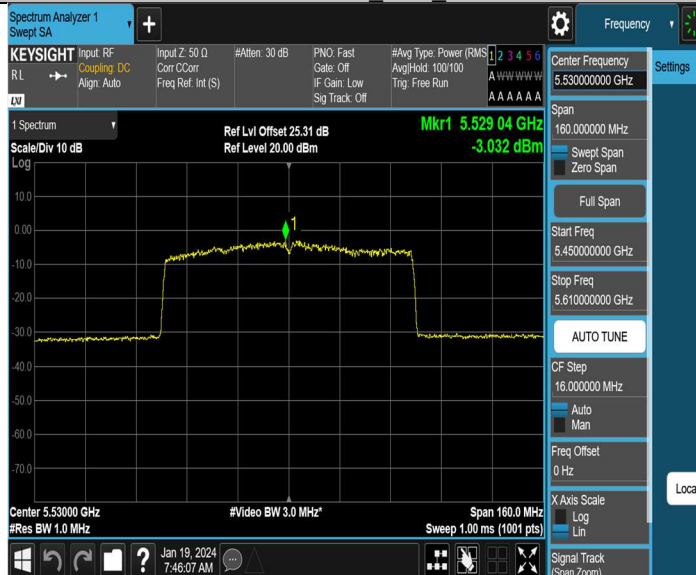
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11AX80MIMO_Ant2_5290



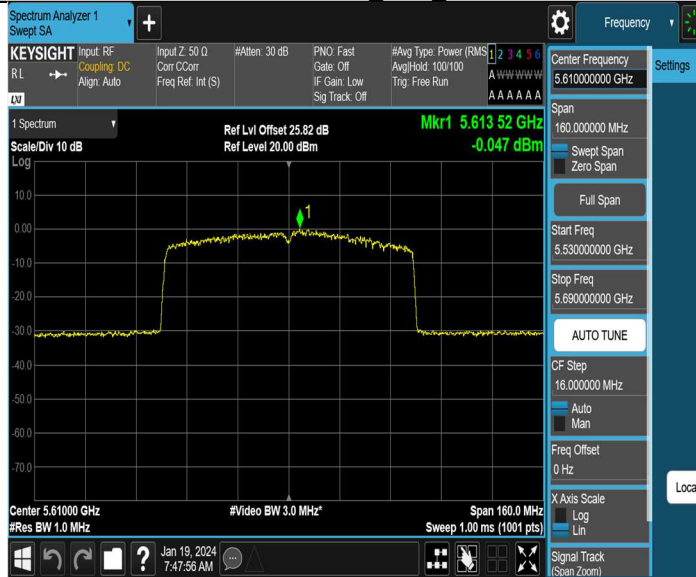
11AX80MIMO_Ant1_5530



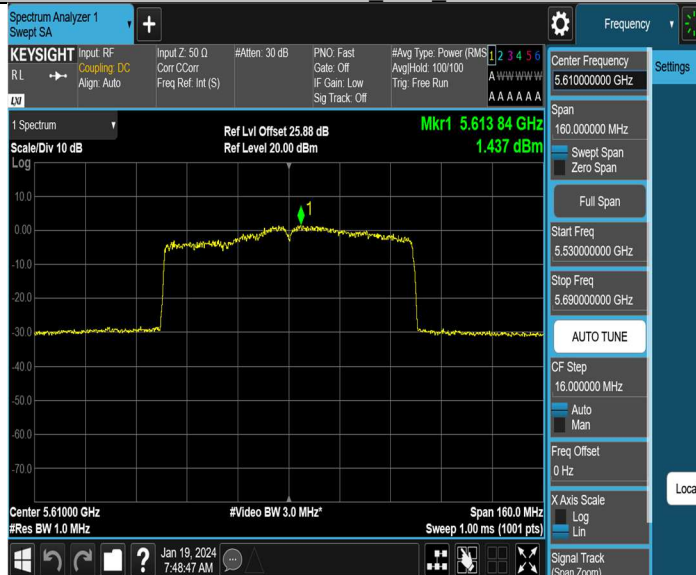
11AX80MIMO_Ant2_5530



11AX80MIMO_Ant1_5610



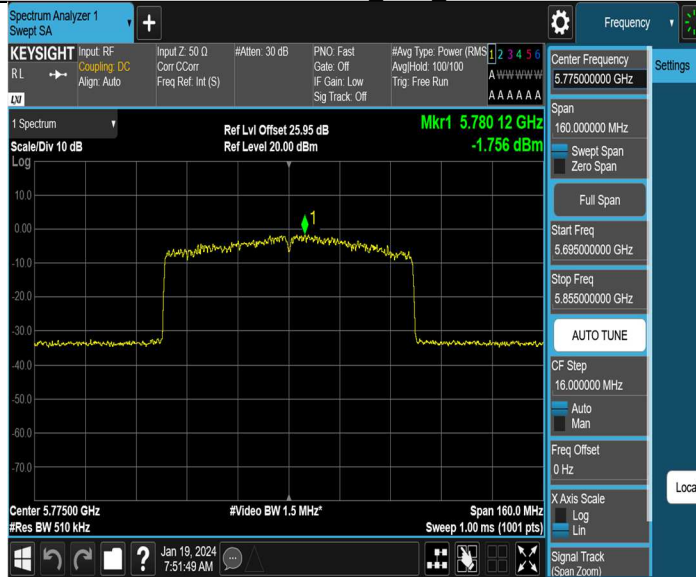
11AX80MIMO_Ant2_5610



11AX80MIMO_Ant1_5775



11AX80MIMO_Ant2_5775



Appendix A.3: Test Results of Frequency Stability

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20MIMO	Ant1	5180	NV	NT	-11000.00	-2.123552	20	PASS
		5200	NV	NT	-13000.00	-2.500000	20	PASS
		5240	NV	NT	-15000.00	-2.862595	20	PASS
		5260	NV	NT	-1000.00	-0.190114	20	PASS
		5280	NV	NT	-12000.00	-2.272727	20	PASS
		5320	NV	NT	-8000.00	-1.503759	20	PASS
		5500	NV	NT	-5000.00	-0.909091	20	PASS
		5580	NV	NT	4000.00	0.716846	20	PASS
		5700	NV	NT	12000.00	2.105263	20	PASS
		5745	NV	NT	8000.00	1.392515	20	PASS
		5785	NV	NT	-6000.00	-1.037165	20	PASS
11AC40MIMO	Ant1	5190	NV	NT	-13000.00	-2.504817	20	PASS
		5230	NV	NT	-14000.00	-2.676864	20	PASS
		5270	NV	NT	-14000.00	-2.656546	20	PASS
		5310	NV	NT	-14000.00	-2.636535	20	PASS
		5510	NV	NT	-15000.00	-2.722323	20	PASS
		5550	NV	NT	-13000.00	-2.342342	20	PASS
		5670	NV	NT	-14000.00	-2.469136	20	PASS
		5755	NV	NT	-16000.00	-2.780191	20	PASS
11AC80MIMO	Ant1	5210	NV	NT	-14000.00	-2.687140	20	PASS
		5290	NV	NT	-15000.00	-2.835539	20	PASS
		5530	NV	NT	-15000.00	-2.712477	20	PASS
		5610	NV	NT	-15000.00	-2.673797	20	PASS
		5775	NV	NT	-16000.00	-2.770563	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20MIMO	Ant1	5180	NV	0	-13000.00	-2.509653	20	PASS
			NV	40	-14000.00	-2.702703	20	PASS
		5200	NV	0	-13000.00	-2.500000	20	PASS
			NV	40	-12000.00	-2.307692	20	PASS
		5240	NV	0	-15000.00	-2.862595	20	PASS
			NV	40	-16000.00	-3.053435	20	PASS
		5260	NV	0	-7000.00	-1.330798	20	PASS
			NV	40	-11000.00	-2.091255	20	PASS
		5280	NV	0	-12000.00	-2.272727	20	PASS
			NV	40	-10000.00	-1.893939	20	PASS
		5320	NV	0	-6000.00	-1.127820	20	PASS
			NV	40	-5000.00	-0.939850	20	PASS
		5500	NV	0	0.00	0.000000	20	PASS
			NV	40	3000.00	0.545455	20	PASS
		5580	NV	0	8000.00	1.433692	20	PASS
			NV	40	11000.00	1.971326	20	PASS
		5700	NV	0	9000.00	1.578947	20	PASS
			NV	40	8000.00	1.403509	20	PASS
		5745	NV	0	10000.00	1.740644	20	PASS
			NV	40	2000.00	0.348129	20	PASS
5785	NV	0	-7000.00	-1.210026	20	PASS		
	NV	40	-9000.00	-1.555748	20	PASS		

		5825	NV	0	-12000.00	-2.060086	20	PASS
			NV	40	-13000.00	-2.231760	20	PASS
11AC40MIMO	Ant1	5190	NV	0	-13000.00	-2.504817	20	PASS
			NV	40	-14000.00	-2.697495	20	PASS
		5230	NV	0	-14000.00	-2.676864	20	PASS
			NV	40	-14000.00	-2.676864	20	PASS
		5270	NV	0	-14000.00	-2.656546	20	PASS
			NV	40	-14000.00	-2.656546	20	PASS
		5310	NV	0	-14000.00	-2.636535	20	PASS
			NV	40	-15000.00	-2.824859	20	PASS
		5510	NV	0	-14000.00	-2.540835	20	PASS
			NV	40	-13000.00	-2.359347	20	PASS
		5550	NV	0	-13000.00	-2.342342	20	PASS
			NV	40	-13000.00	-2.342342	20	PASS
		5670	NV	0	-15000.00	-2.645503	20	PASS
			NV	40	-15000.00	-2.645503	20	PASS
		5755	NV	0	-15000.00	-2.606429	20	PASS
			NV	40	-15000.00	-2.606429	20	PASS
5795	NV	0	-15000.00	-2.588438	20	PASS		
	NV	40	-15000.00	-2.588438	20	PASS		
11AC80MIMO	Ant1	5210	NV	0	-14000.00	-2.687140	20	PASS
			NV	40	-14000.00	-2.687140	20	PASS
		5290	NV	0	-15000.00	-2.835539	20	PASS
			NV	40	-15000.00	-2.835539	20	PASS
		5530	NV	0	-14000.00	-2.531646	20	PASS
			NV	40	-14000.00	-2.531646	20	PASS
		5610	NV	0	-14000.00	-2.495544	20	PASS
			NV	40	-14000.00	-2.495544	20	PASS
		5775	NV	0	-16000.00	-2.770563	20	PASS
			NV	40	-16000.00	-2.770563	20	PASS

Appendix A.4: Test Results of 26dB Bandwidth

TestMode	Antenna	Channel	26db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11A	Ant1	5200	23.480	5187.960	5211.440	---	PASS
		5240	25.280	5227.640	5252.920	---	PASS
		5260	23.720	5247.920	5271.640	---	PASS
		5280	26.720	5266.440	5293.160	---	PASS
		5320	23.240	5308.520	5331.760	---	PASS
		5500	25.400	5487.040	5512.440	---	PASS
		5580	23.720	5568.080	5591.800	---	PASS
		5700	22.760	5688.640	5711.400	---	PASS
		5745	23.800	5732.720	5756.520	---	PASS
		5785	22.480	5773.800	5796.280	---	PASS
5825	23.600	5812.720	5836.320	---	PASS		
11N20MIMO	Ant1	5180	26.000	5167.120	5193.120	---	PASS
		5200	25.160	5187.120	5212.280	---	PASS
		5240	26.440	5226.120	5252.560	---	PASS
		5260	25.040	5247.440	5272.480	---	PASS
		5280	25.960	5267.240	5293.200	---	PASS
		5320	25.960	5307.640	5333.600	---	PASS
		5500	25.360	5487.000	5512.360	---	PASS
		5580	26.320	5566.480	5592.800	---	PASS
		5700	24.000	5687.920	5711.920	---	PASS
		5745	25.880	5731.280	5757.160	---	PASS
5785	25.240	5772.120	5797.360	---	PASS		
5825	25.120	5812.000	5837.120	---	PASS		
11N40MIMO	Ant1	5190	39.920	5169.760	5209.680	---	PASS
		5230	40.320	5209.920	5250.240	---	PASS
		5270	41.040	5249.280	5290.320	---	PASS
		5310	54.240	5277.200	5331.440	---	PASS
		5510	40.720	5489.760	5530.480	---	PASS
		5550	41.040	5529.200	5570.240	---	PASS
		5670	40.320	5649.760	5690.080	---	PASS
		5755	40.640	5734.760	5775.400	---	PASS
5795	40.080	5775.160	5815.240	---	PASS		
11AC20MIMO	Ant1	5180	24.560	5167.160	5191.720	---	PASS
		5200	27.160	5185.160	5212.320	---	PASS
		5240	24.280	5228.480	5252.760	---	PASS
		5260	24.240	5247.840	5272.080	---	PASS
		5280	26.480	5266.040	5292.520	---	PASS
		5320	25.080	5307.320	5332.400	---	PASS
		5500	24.760	5488.200	5512.960	---	PASS
		5580	24.080	5567.920	5592.000	---	PASS
		5700	24.440	5687.280	5711.720	---	PASS
		5745	23.240	5733.560	5756.800	---	PASS
5785	24.920	5772.360	5797.280	---	PASS		
5825	25.000	5812.160	5837.160	---	PASS		
11AC40MIMO	Ant1	5190	40.320	5169.760	5210.080	---	PASS
		5230	40.000	5209.760	5249.760	---	PASS
		5270	40.240	5250.080	5290.320	---	PASS
		5310	40.240	5289.920	5330.160	---	PASS
		5510	40.160	5489.840	5530.000	---	PASS
		5550	40.320	5529.840	5570.160	---	PASS
		5670	40.480	5649.680	5690.160	---	PASS
		5755	40.480	5734.360	5774.840	---	PASS
5795	40.160	5774.920	5815.080	---	PASS		
11AC80MIMO	Ant1	5210	79.520	5170.320	5249.840	---	PASS
		5290	80.000	5249.840	5329.840	---	PASS
		5530	79.840	5490.160	5570.000	---	PASS
		5610	80.480	5569.840	5650.320	---	PASS
5775	79.840	5735.160	5815.000	---	PASS		

11AX20MIMO	Ant1	5180	22.080	5168.920	5191.000	---	PASS
		5200	22.720	5189.120	5211.840	---	PASS
		5240	21.920	5229.200	5251.120	---	PASS
		5260	21.400	5249.280	5270.680	---	PASS
		5280	21.720	5269.040	5290.760	---	PASS
		5320	21.600	5309.520	5331.120	---	PASS
		5500	21.720	5489.480	5511.200	---	PASS
		5580	22.560	5568.720	5591.280	---	PASS
		5700	23.400	5689.320	5712.720	---	PASS
		5745	23.120	5732.720	5755.840	---	PASS
		5785	22.000	5773.840	5795.840	---	PASS
		5825	22.320	5813.360	5835.680	---	PASS
11AX40MIMO	Ant1	5190	39.680	5170.240	5209.920	---	PASS
		5230	39.520	5210.160	5249.680	---	PASS
		5270	39.280	5250.320	5289.600	---	PASS
		5310	39.360	5290.400	5329.760	---	PASS
		5510	39.360	5490.240	5529.600	---	PASS
		5550	39.360	5530.320	5569.680	---	PASS
		5670	39.360	5650.240	5689.600	---	PASS
		5755	39.520	5735.320	5774.840	---	PASS
		5795	39.440	5775.320	5814.760	---	PASS
11AX80MIMO	Ant1	5210	80.000	5170.000	5250.000	---	PASS
		5290	80.160	5250.000	5330.160	---	PASS
		5530	80.160	5490.000	5570.160	---	PASS
		5610	80.000	5570.000	5650.000	---	PASS
		5775	80.480	5734.840	5815.320	---	PASS

11A Ant1 5200



11A Ant1 5240



11A Ant1 5260



11A_Ant1_5280



11A_Ant1_5320



11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11A_Ant1_5745



11A Ant1 5785



11A Ant1 5825



11N20MIMO Ant1 5180



11N20MIMO Ant1 5200



11N20MIMO Ant1 5240



11N20MIMO Ant1 5260



11N20MIMO Ant1 5280



11N20MIMO Ant1 5320



11N20MIMO Ant1 5500



11N20MIMO Ant1 5580

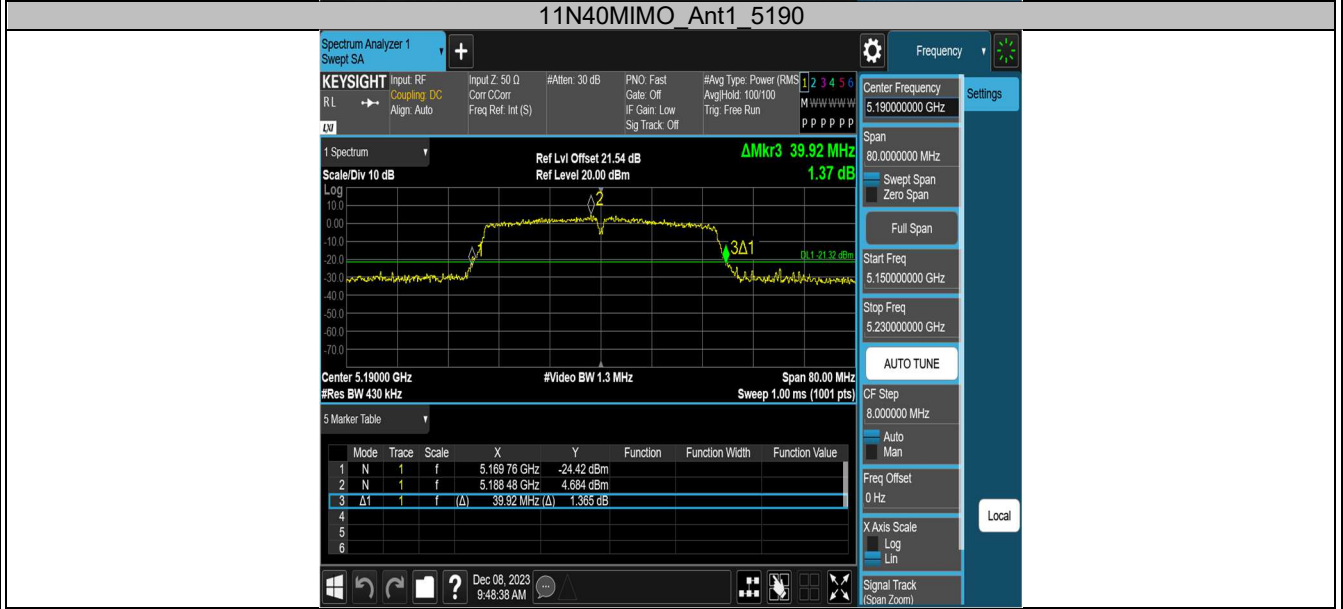
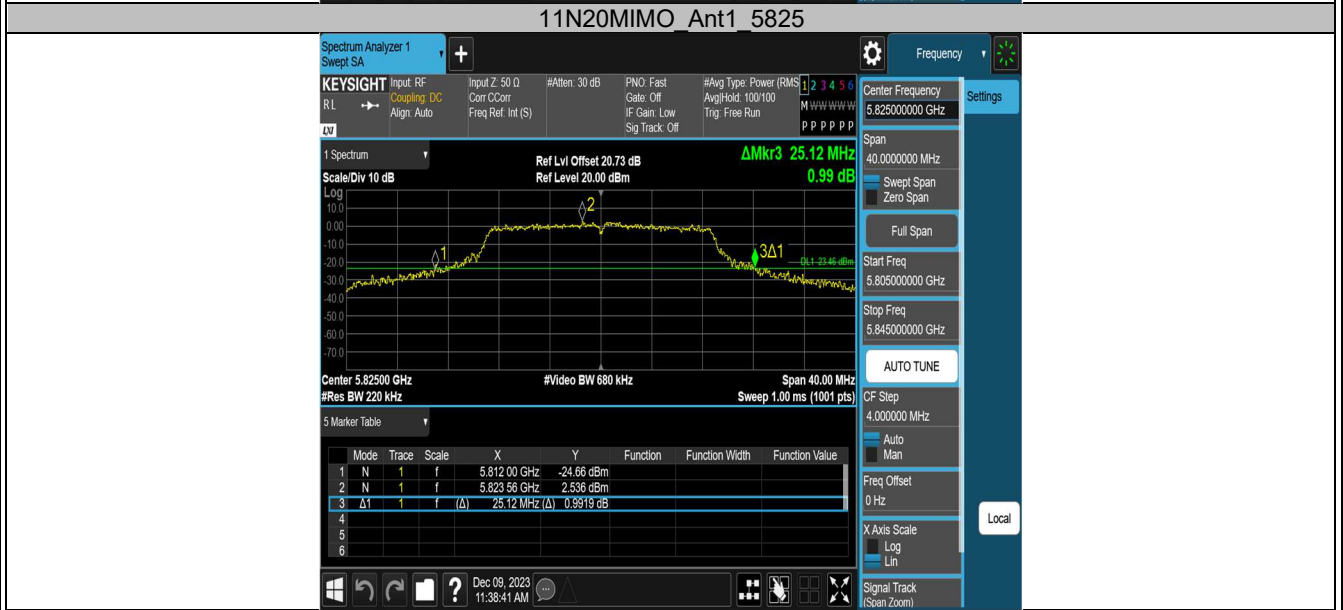


11N20MIMO Ant1 5700



11N20MIMO Ant1 5745





11N40MIMO Ant1 5230



11N40MIMO Ant1 5270



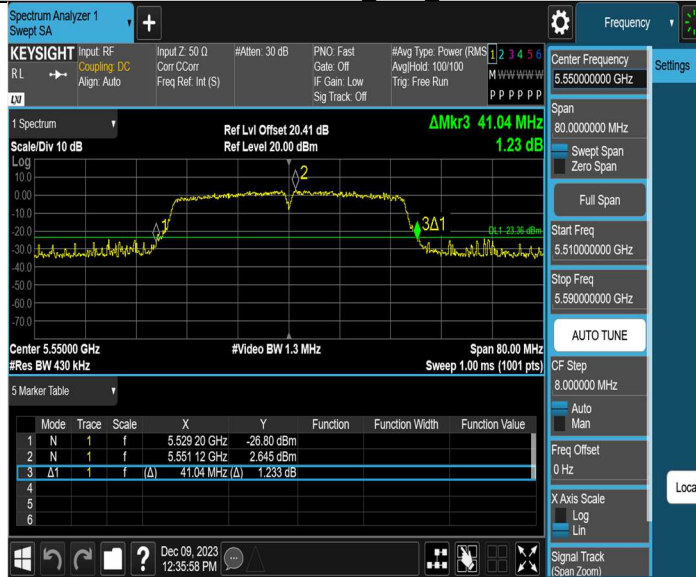
11N40MIMO Ant1 5310



11N40MIMO Ant1 5510



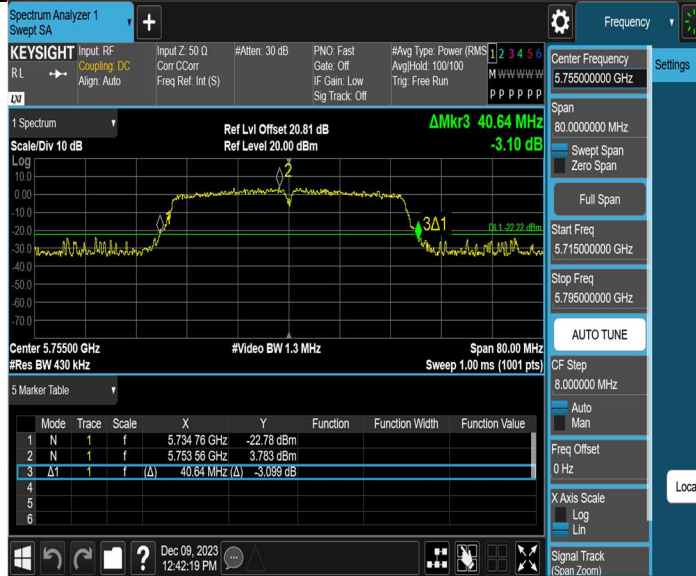
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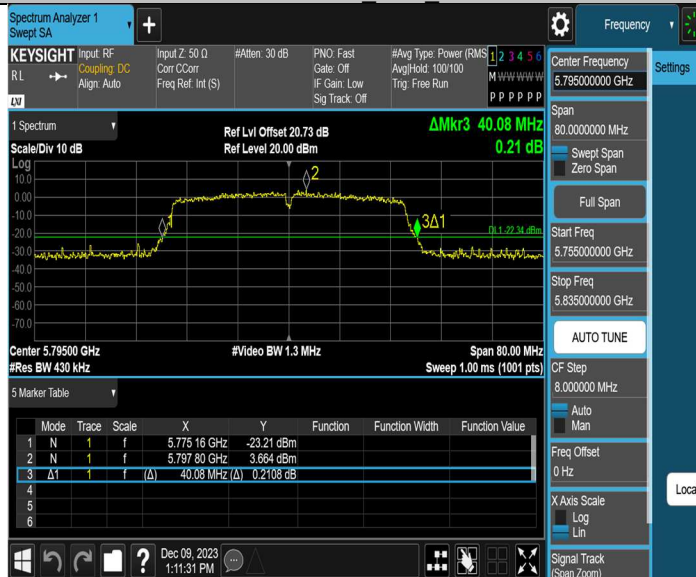
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11N40MIMO Ant1 5755



11N40MIMO Ant1 5795



11AC20MIMO Ant1 5180



11AC20MIMO Ant1 5200



11AC20MIMO Ant1 5240



11AC20MIMO Ant1 5260

