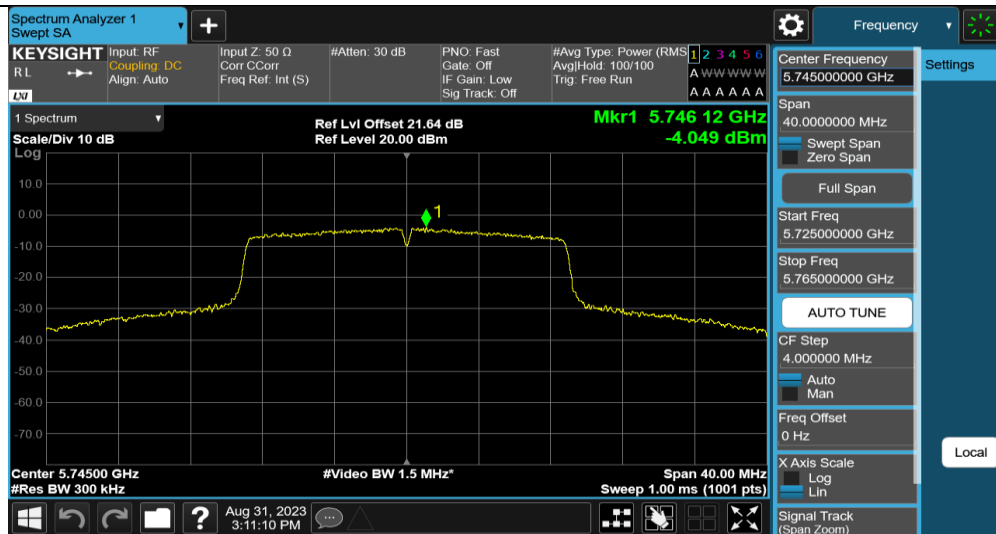
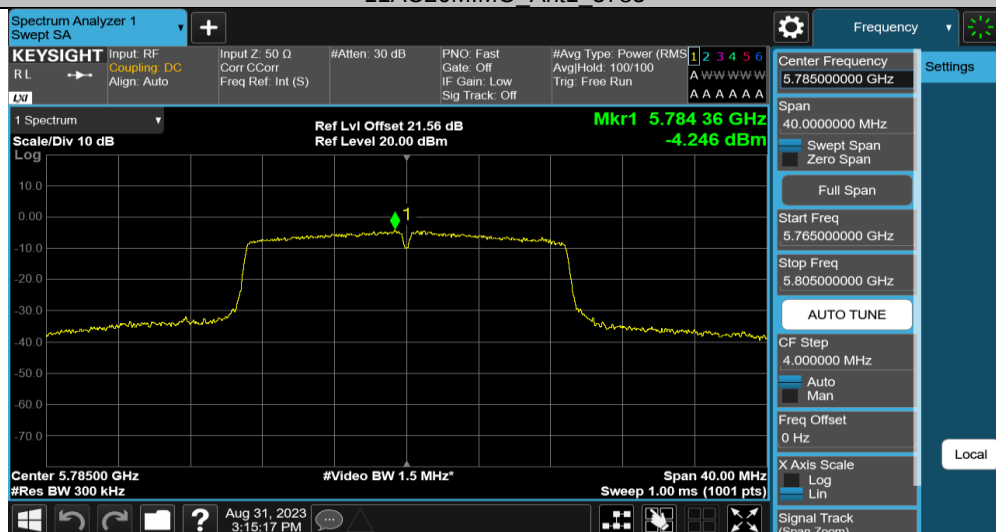




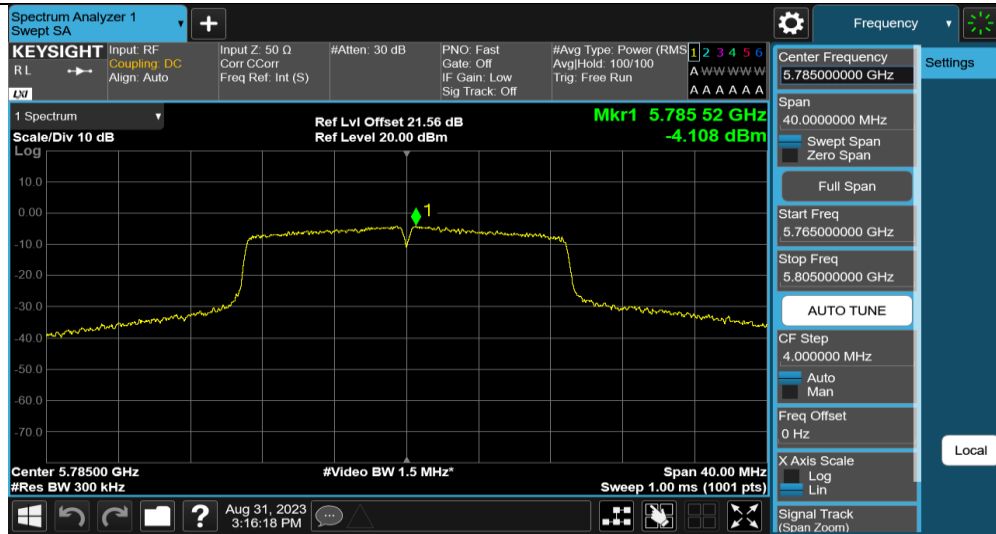
11AC20MIMO_Ant2_5745



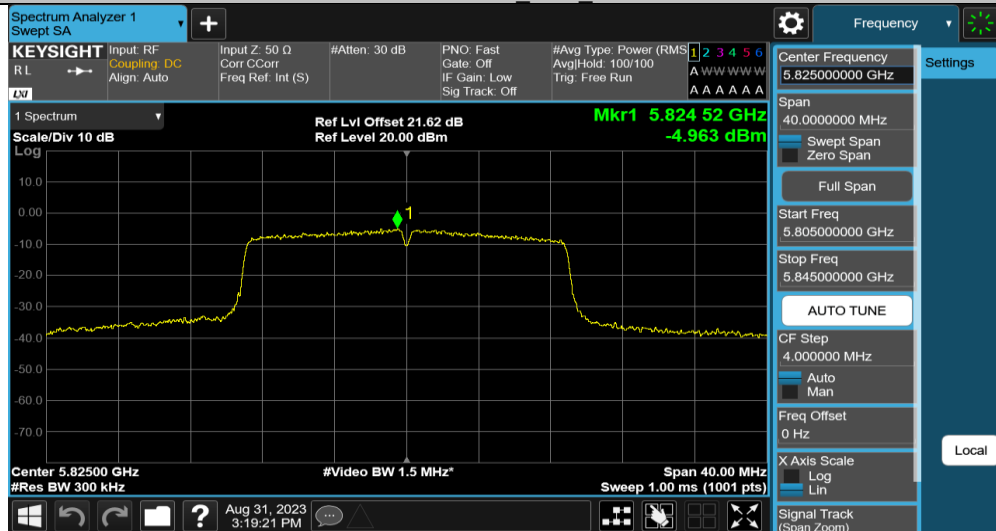
11AC20MIMO_Ant1_5785



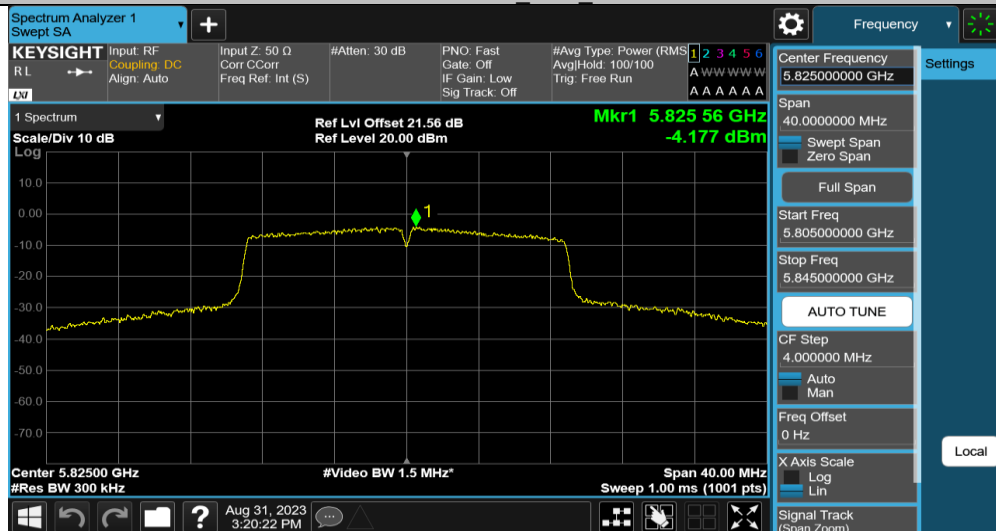
11AC20MIMO_Ant2_5785



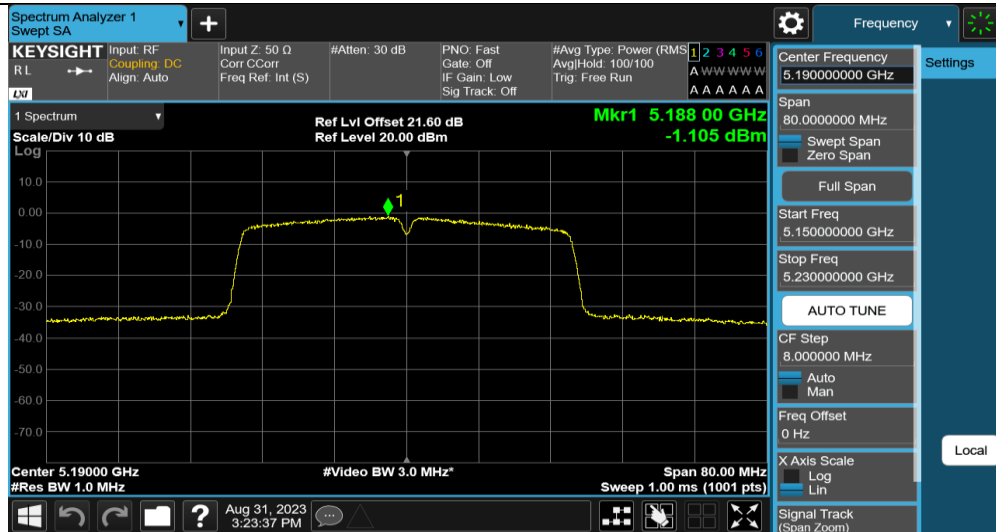
11AC20MIMO_Ant1_5825



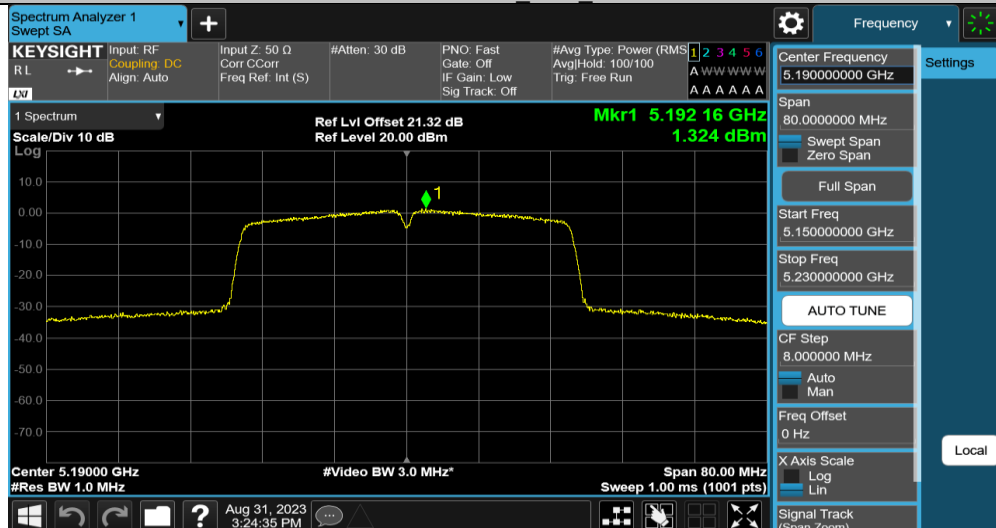
11AC20MIMO_Ant2_5825



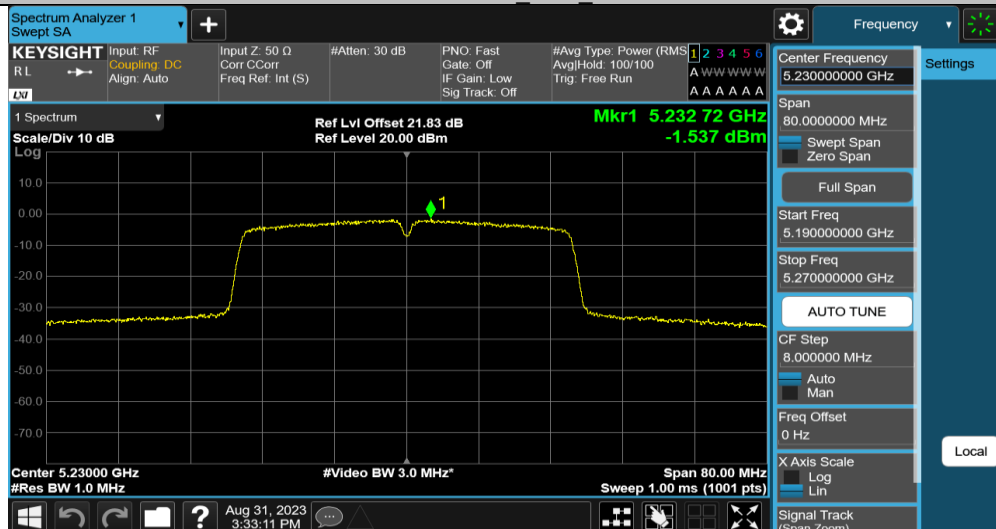
11AC40MIMO_Ant1_5190



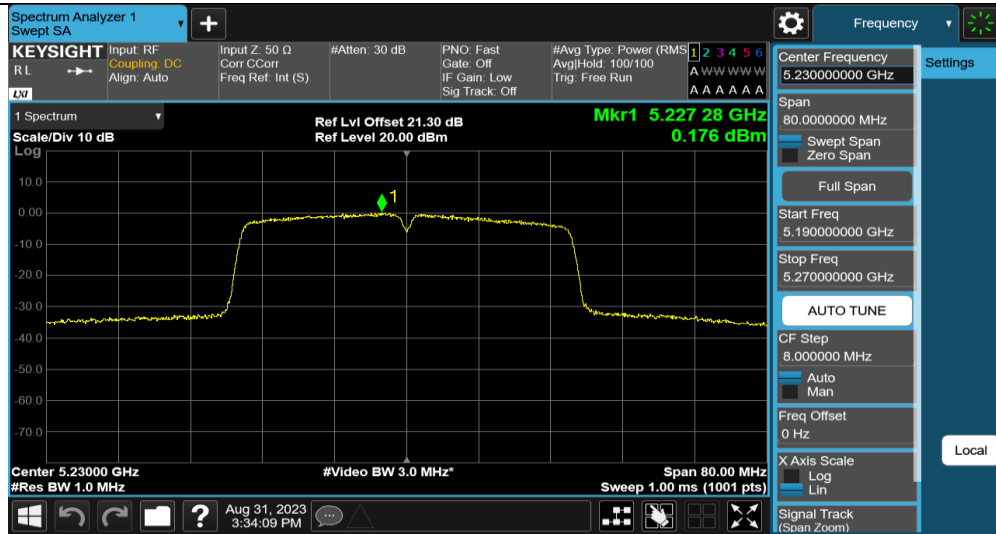
11AC40MIMO_Ant2_5190



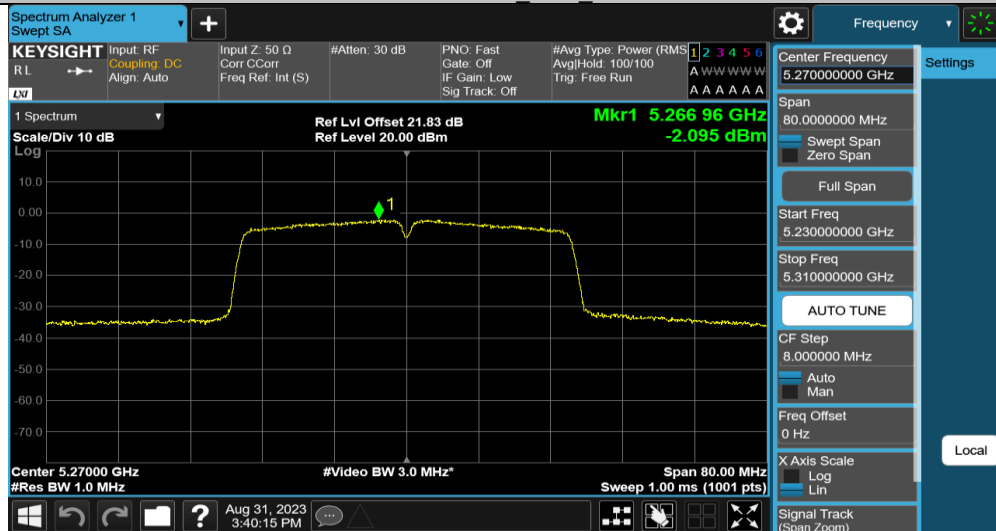
11AC40MIMO_Ant1_5230



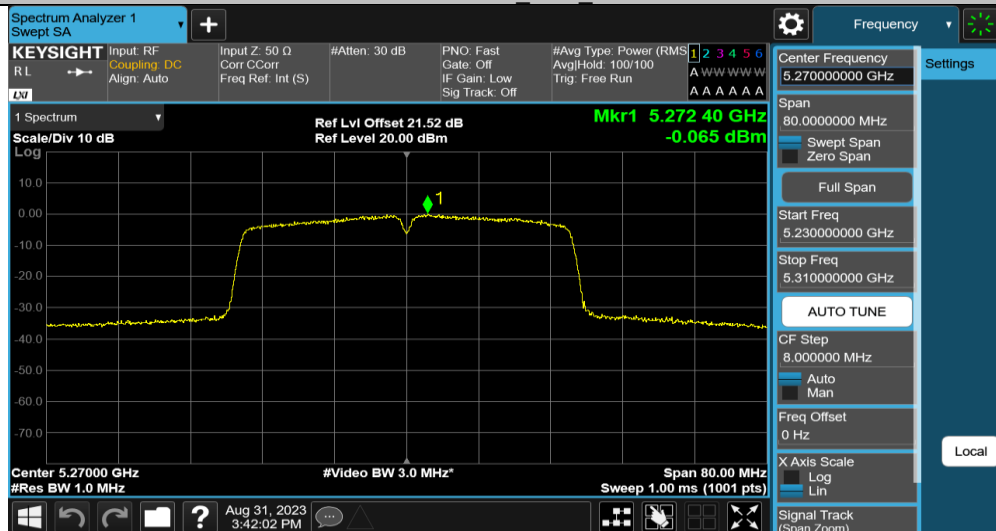
11AC40MIMO_Ant2_5230



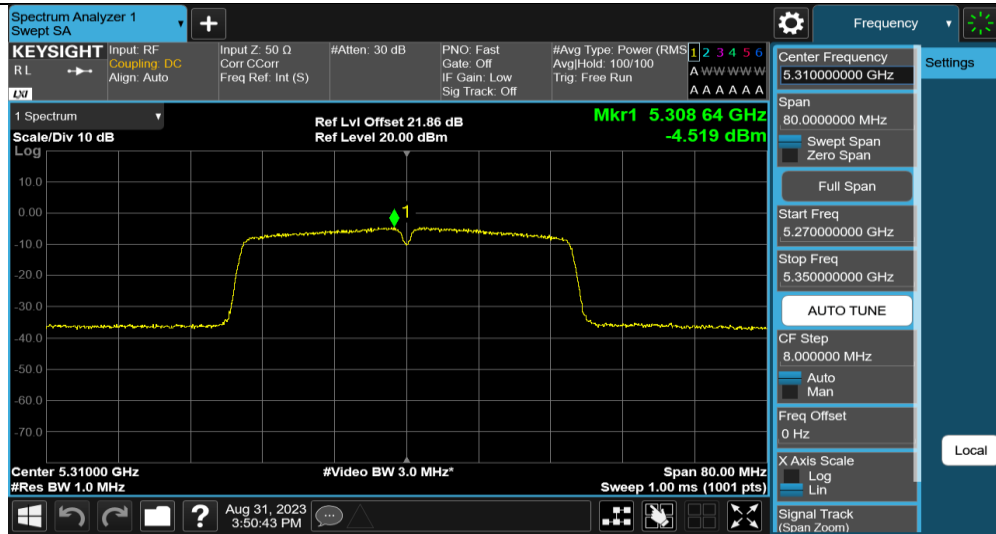
11AC40MIMO_Ant1_5270



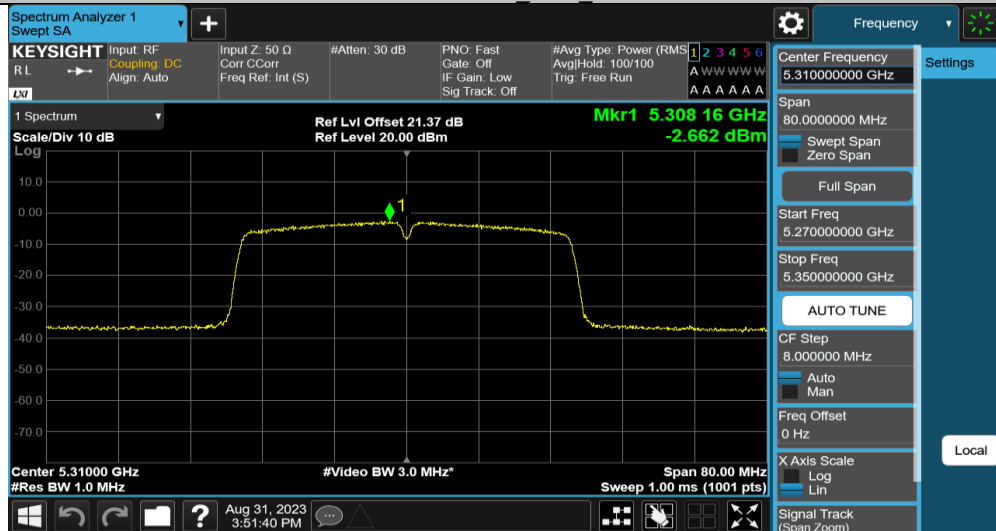
11AC40MIMO_Ant2_5270



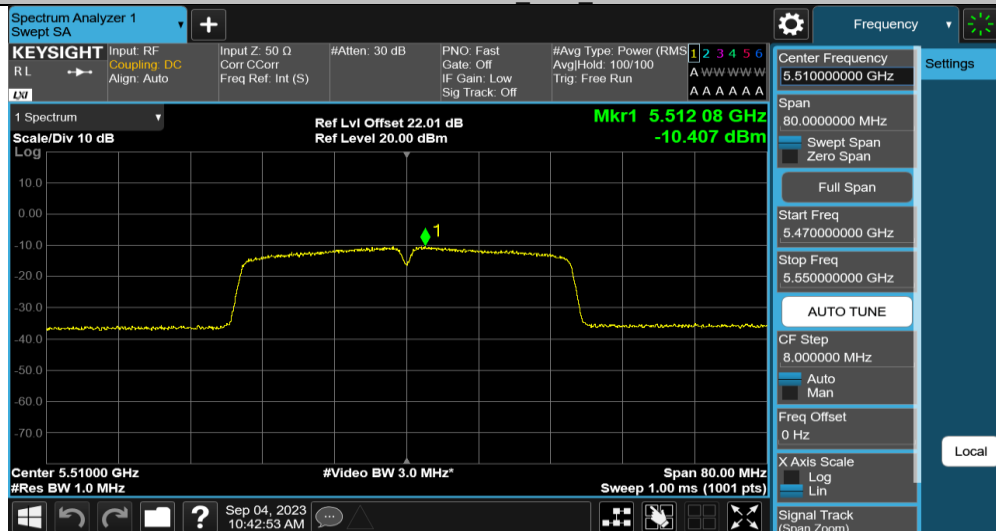
11AC40MIMO_Ant1_5310



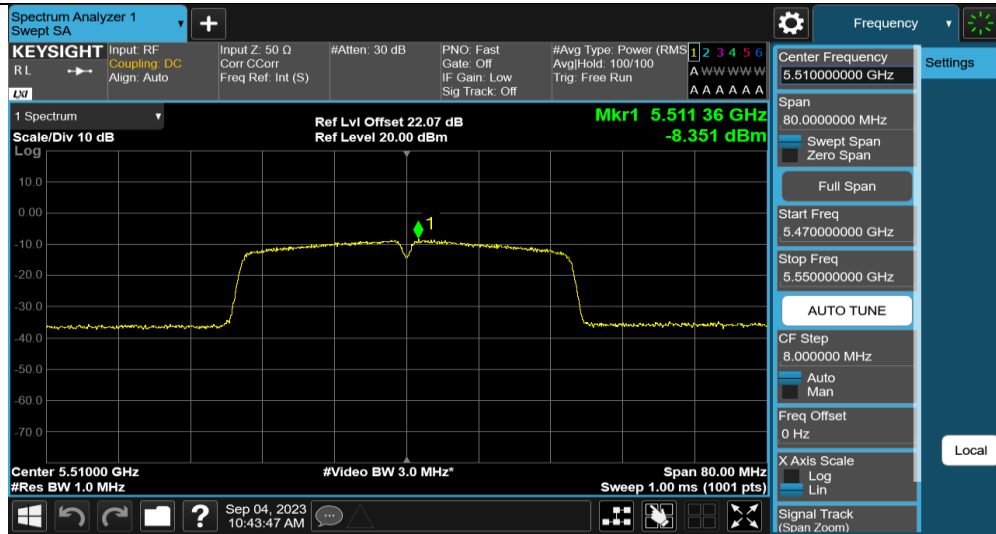
11AC40MIMO_Ant2_5310



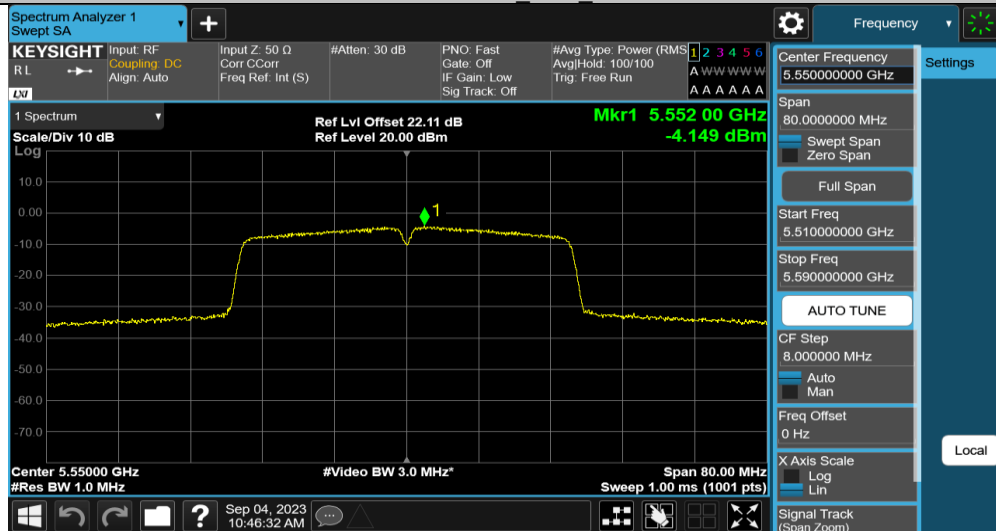
11AC40MIMO_Ant1_5510



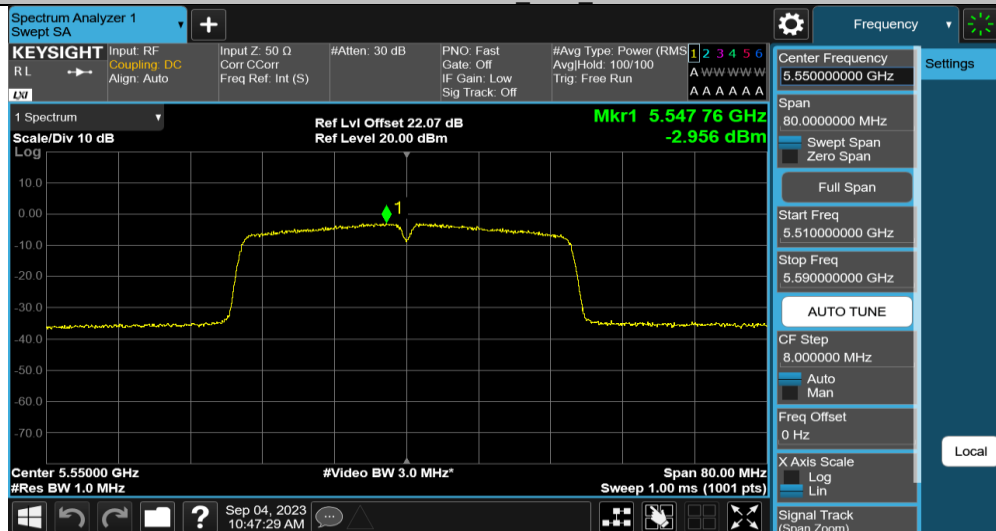
11AC40MIMO_Ant2_5510



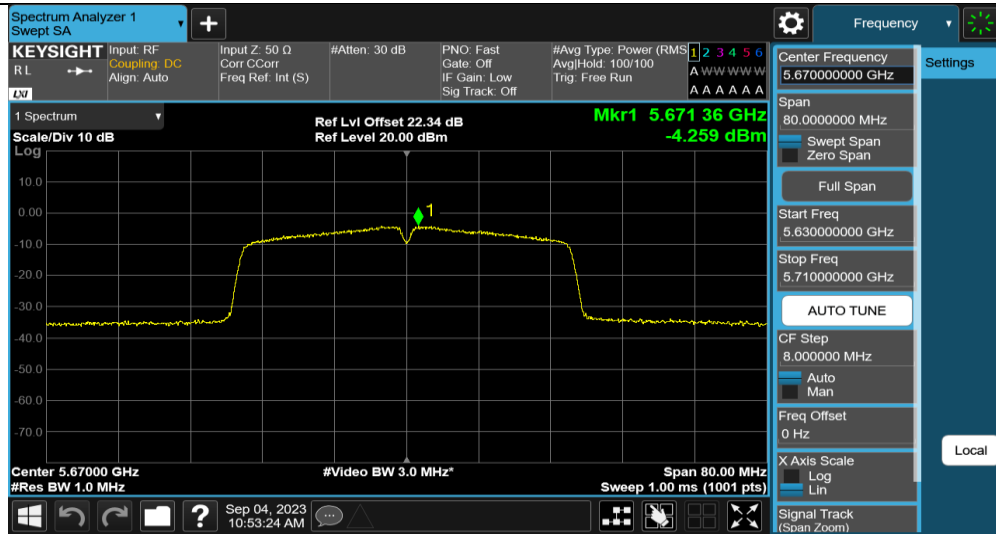
11AC40MIMO_Ant1_5550



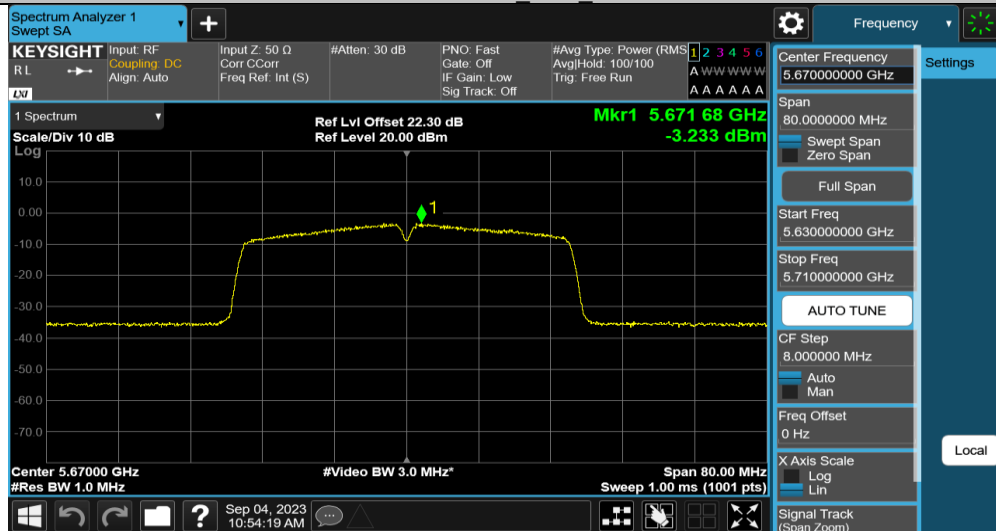
11AC40MIMO_Ant2_5550



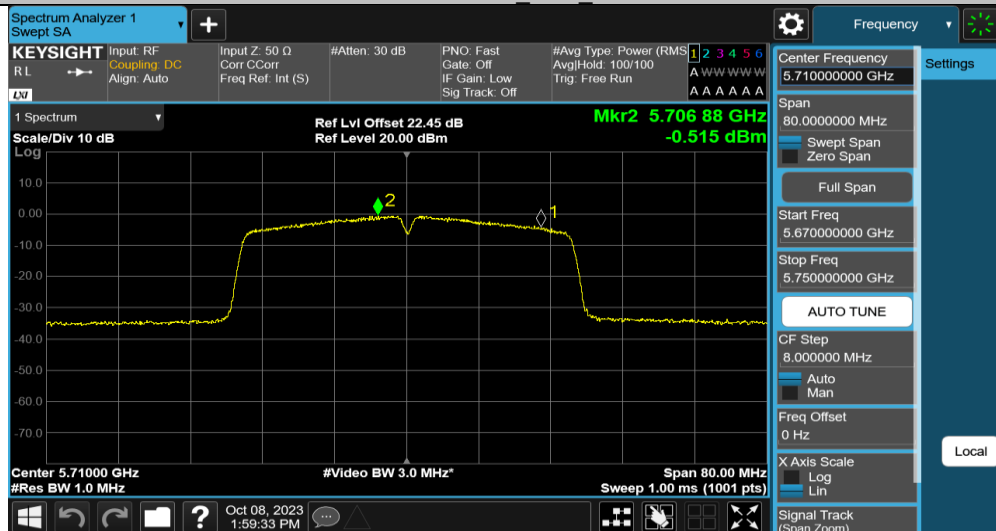
11AC40MIMO_Ant1_5670



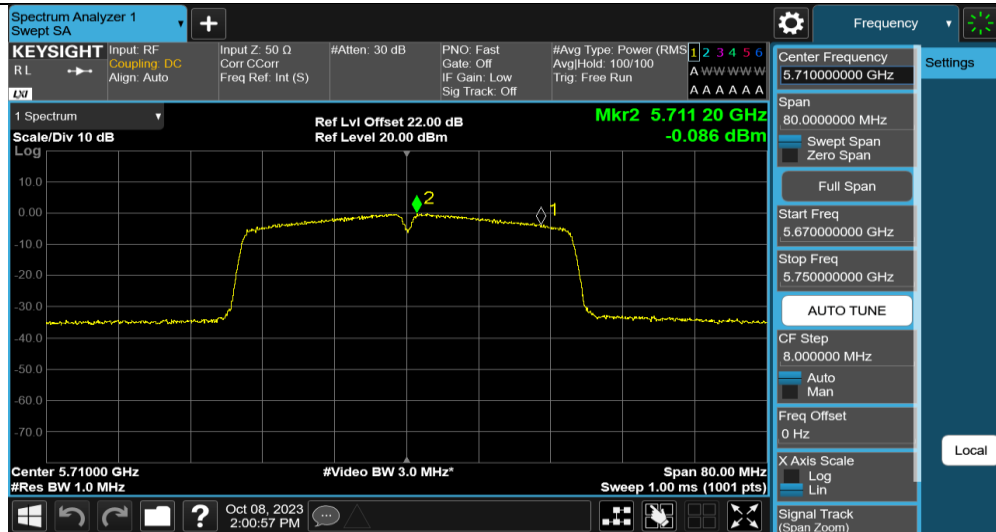
11AC40MIMO_Ant2_5670



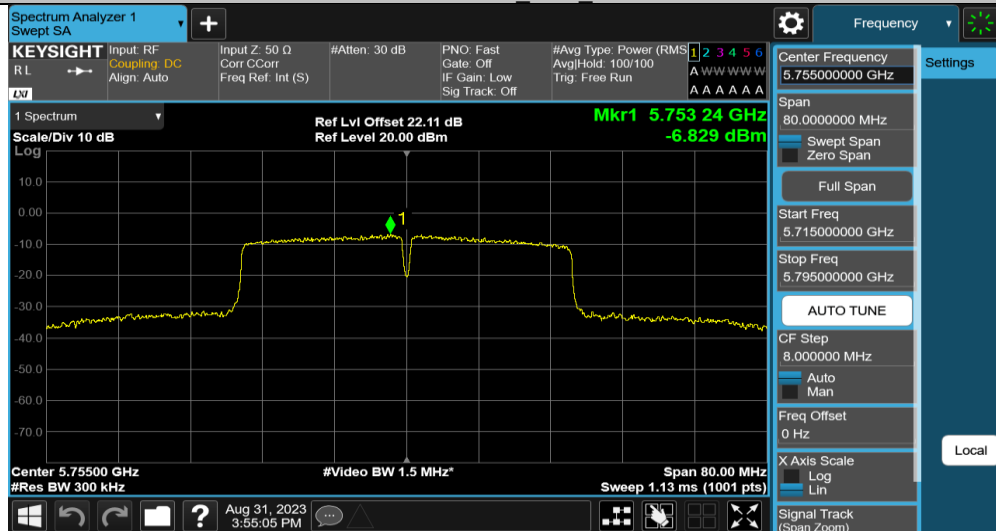
11AC40MIMO_Ant1_5710



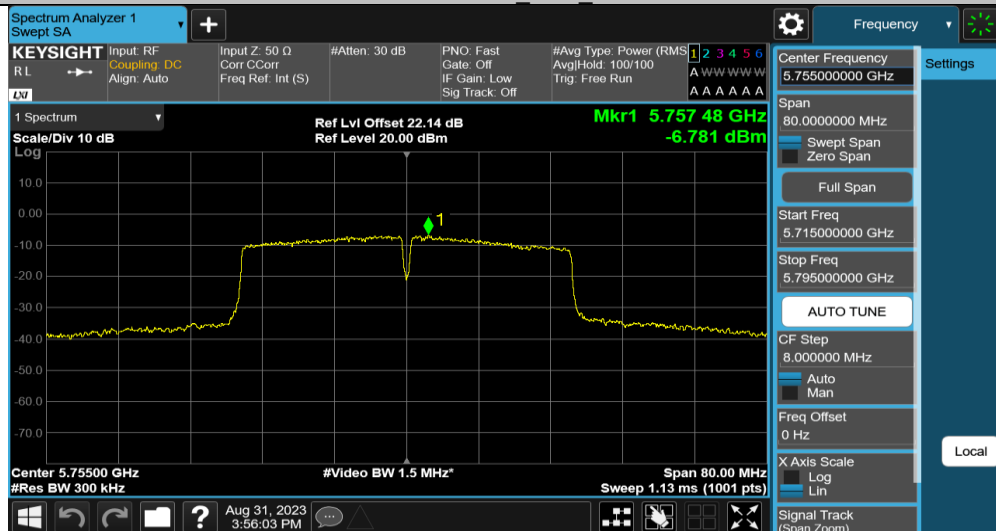
11AC40MIMO_Ant2_5710



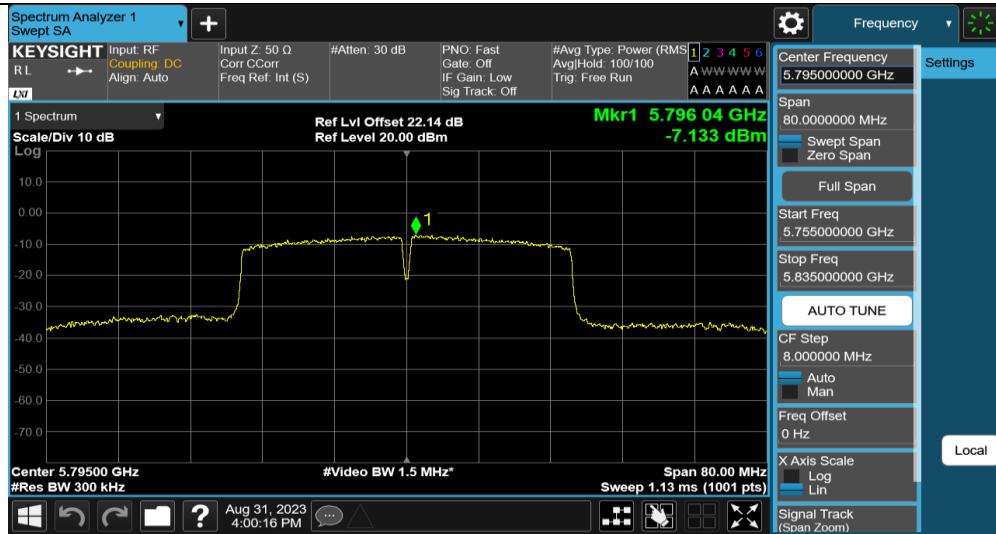
11AC40MIMO_Ant1_5755



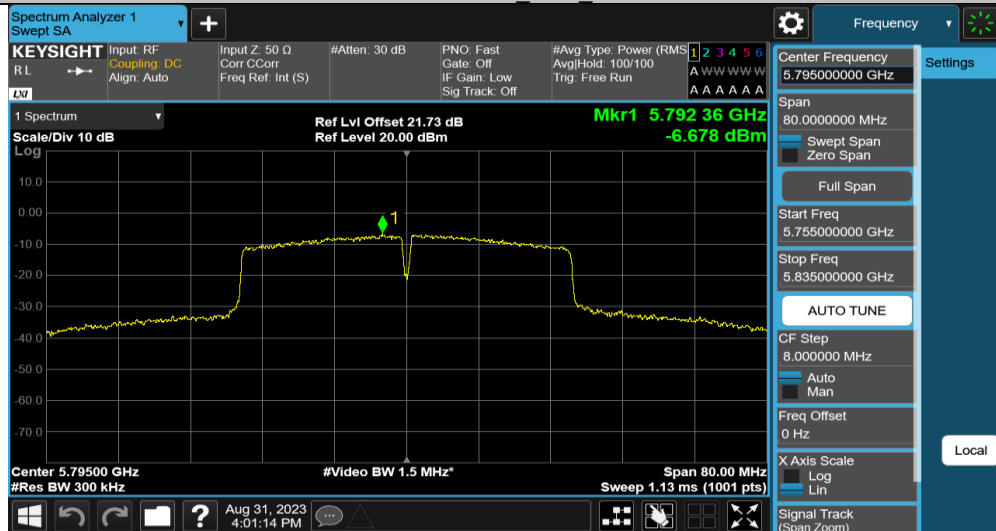
11AC40MIMO_Ant2_5755



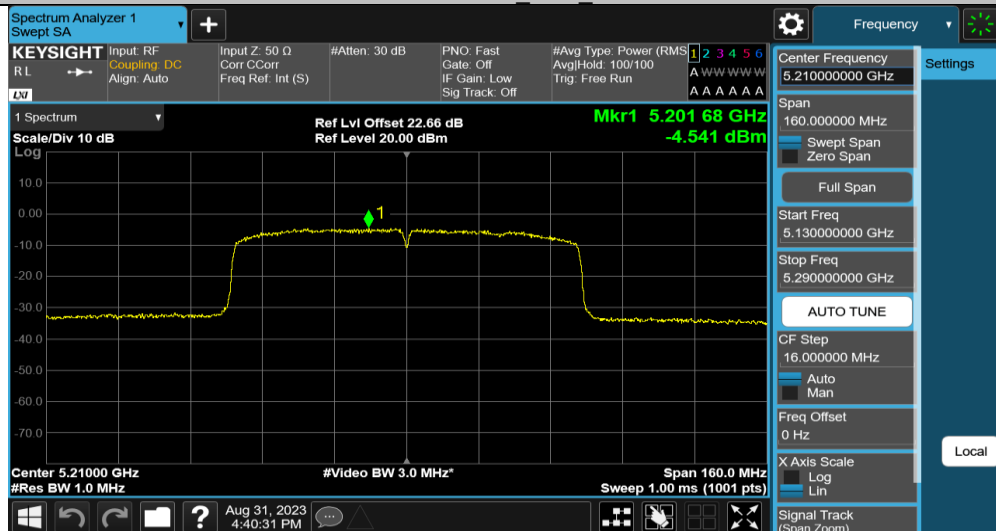
11AC40MIMO_Ant1_5795



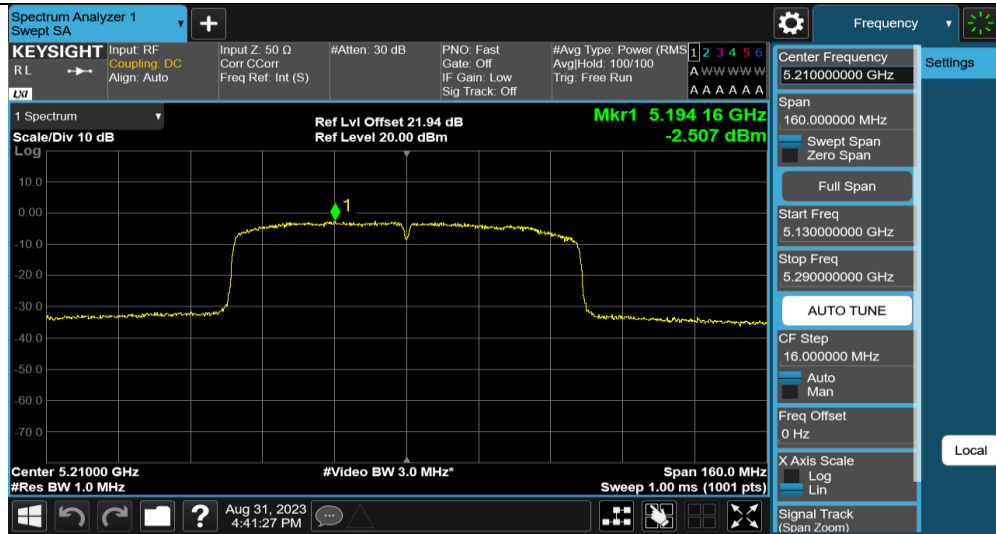
11AC40MIMO_Ant2_5795



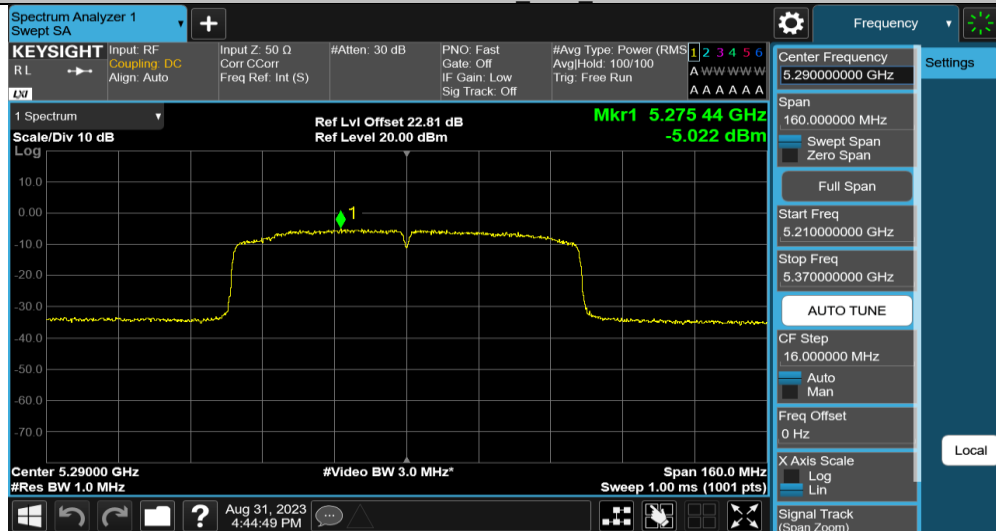
11AC80MIMO_Ant1_5210



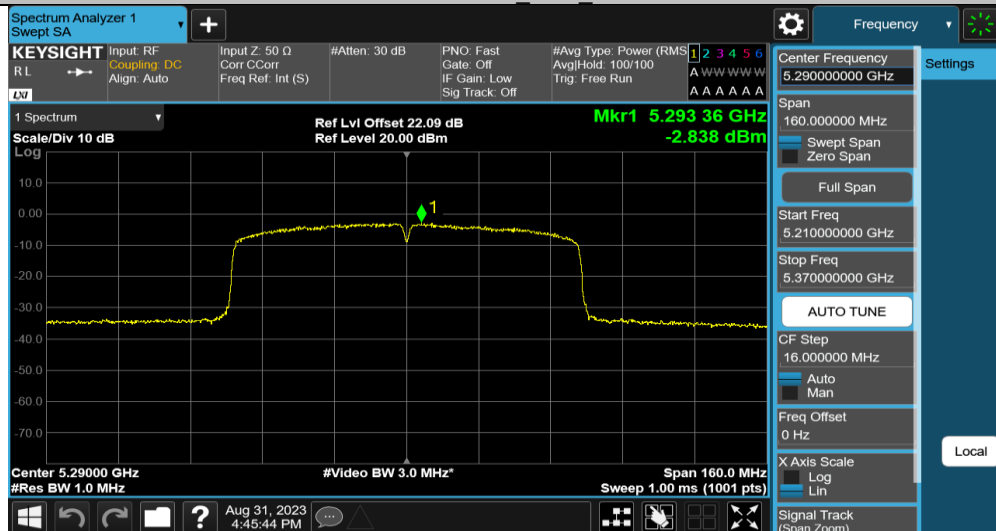
11AC80MIMO_Ant2_5210



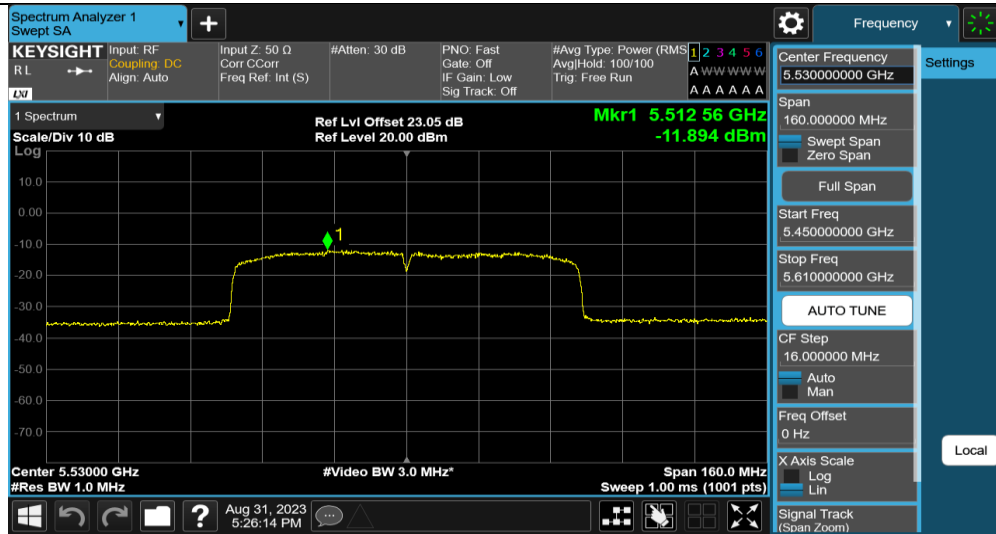
11AC80MIMO_Ant1_5290



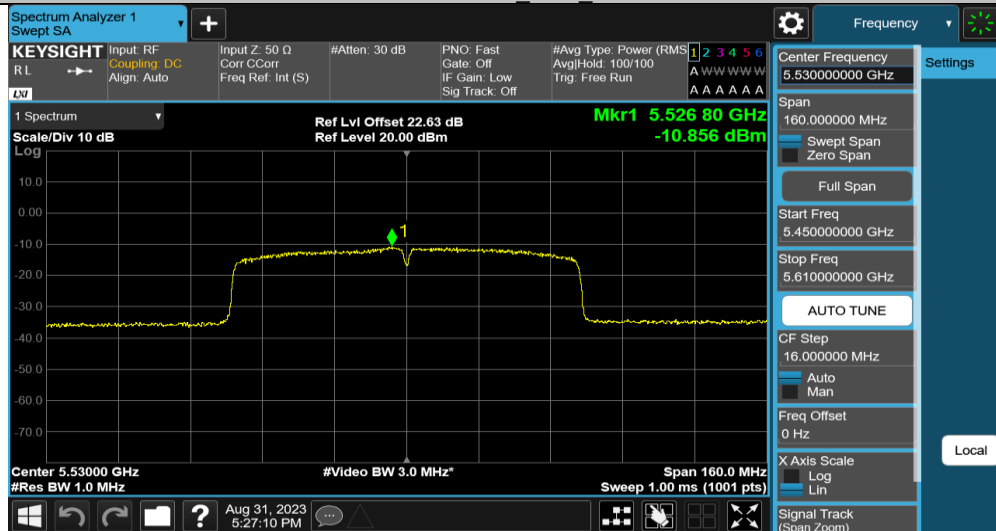
11AC80MIMO_Ant2_5290



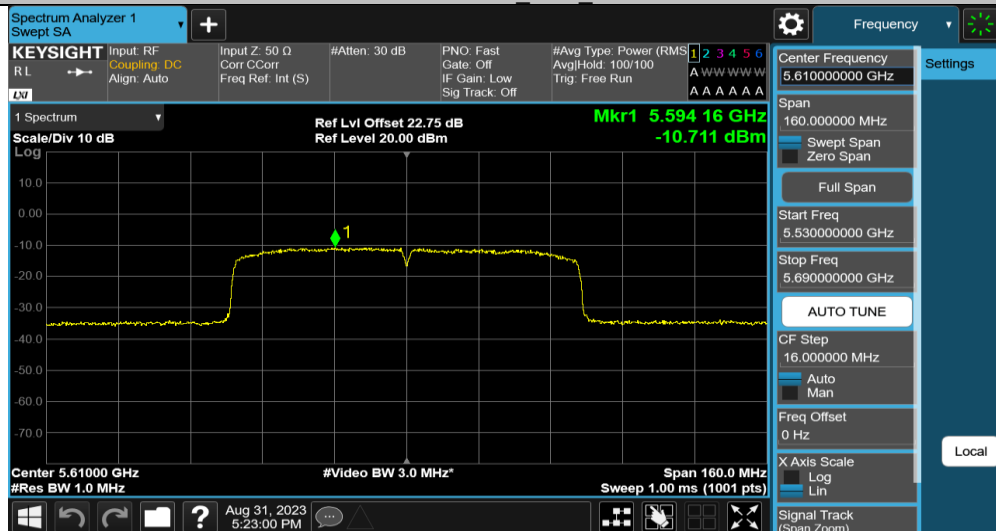
11AC80MIMO_Ant1_5530



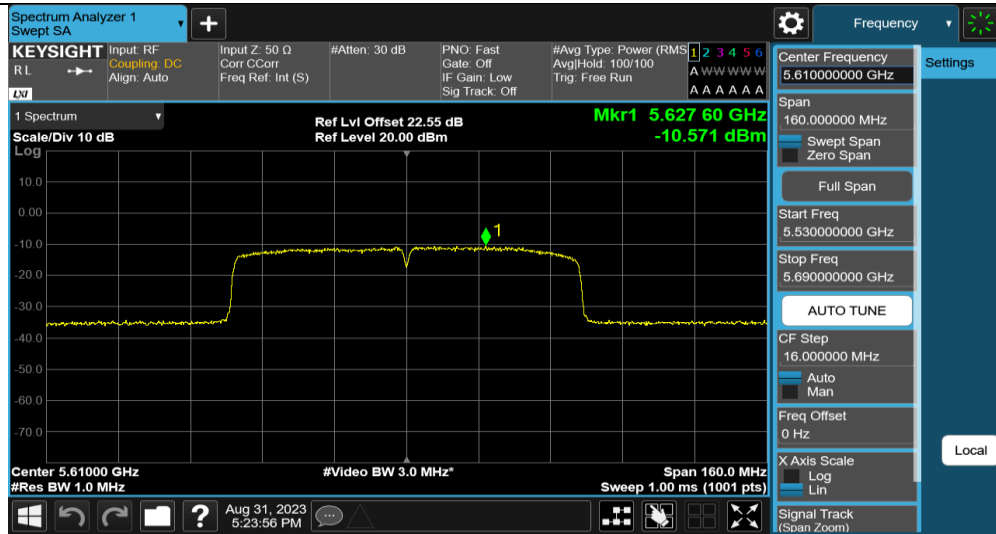
11AC80MIMO_Ant2_5530



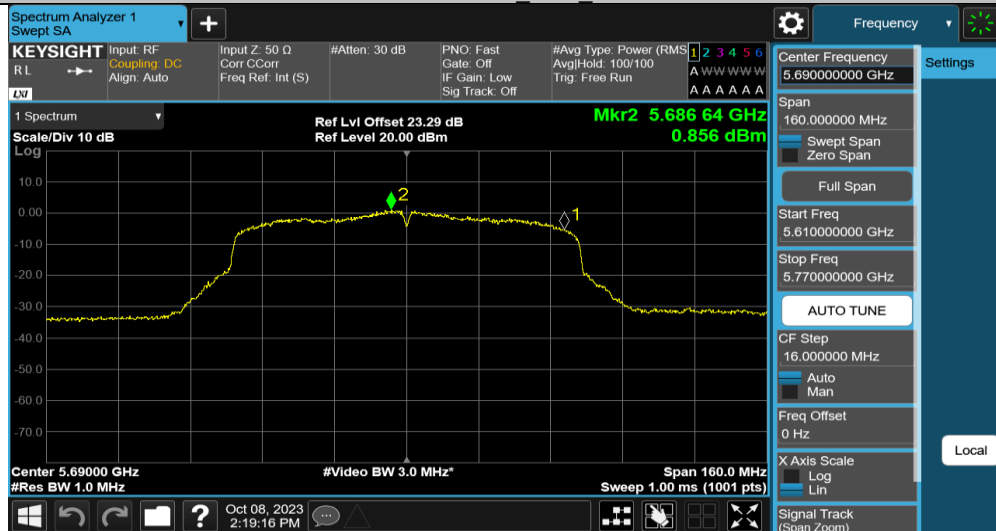
11AC80MIMO_Ant1_5610



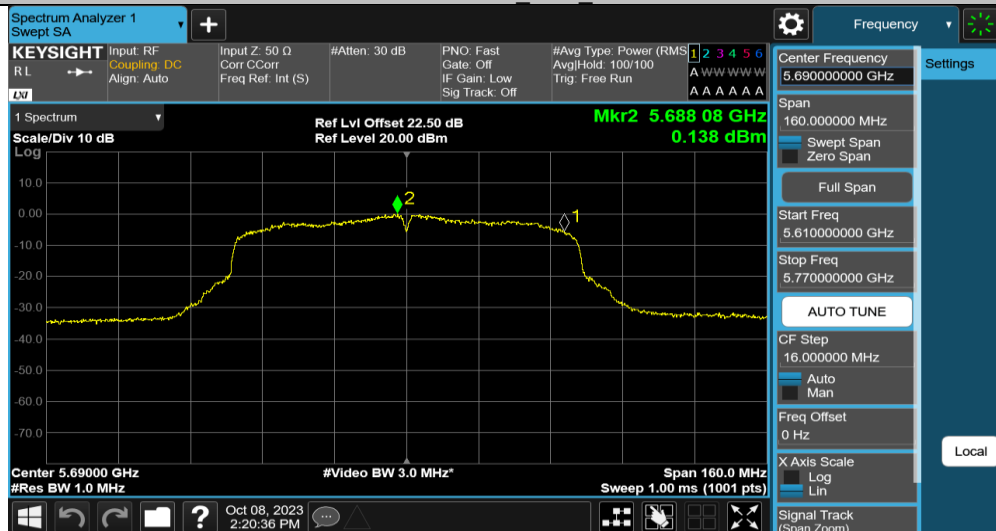
11AC80MIMO_Ant2_5610



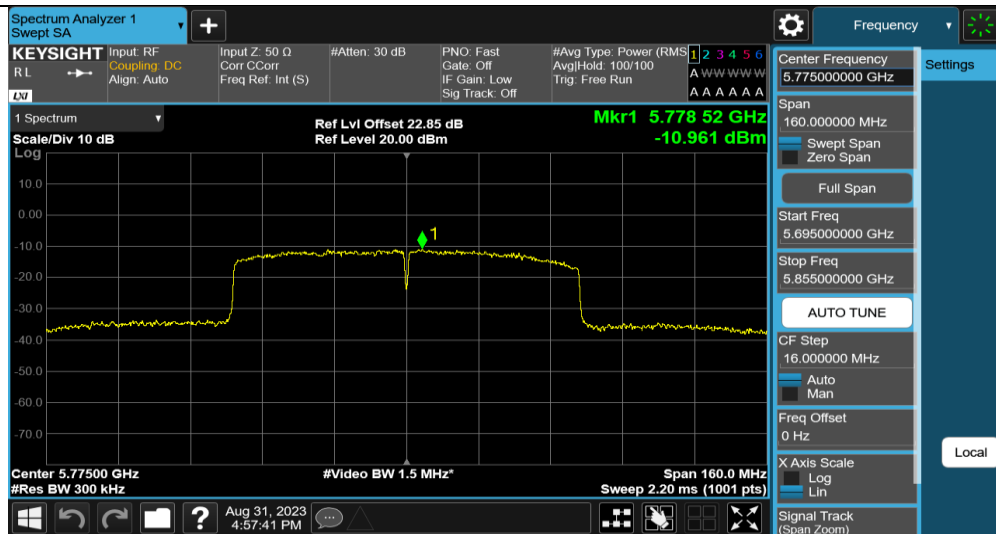
11AC80MIMO_Ant1_5690



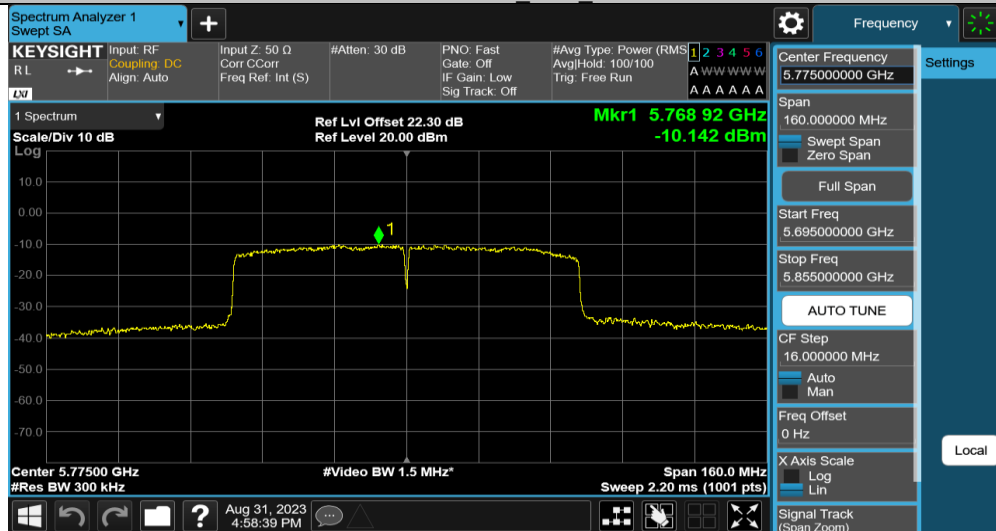
11AC80MIMO_Ant2_5690



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix A.2: Test Results of Frequency Stability

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20MI MO	Ant1	5180	NV	NT	-24000.00	-4.633205	20	PASS
		5200	NV	NT	-26000.00	-5.000000	20	PASS
		5240	NV	NT	-24000.00	-4.580153	20	PASS
		5260	NV	NT	-23000.00	-4.372624	20	PASS
		5280	NV	NT	-22000.00	-4.166667	20	PASS
		5320	NV	NT	-22000.00	-4.135338	20	PASS
		5500	NV	NT	-23000.00	-4.181818	20	PASS
		5580	NV	NT	-22000.00	-3.942652	20	PASS
		5700	NV	NT	-24000.00	-4.210526	20	PASS
		5745	NV	NT	-24000.00	-4.177546	20	PASS
		5785	NV	NT	-25000.00	-4.321521	20	PASS
		5825	NV	NT	-25000.00	-4.291845	20	PASS
11AC40MI MO	Ant1	5190	NV	NT	-25000.00	-4.816956	20	PASS
		5230	NV	NT	-23000.00	-4.397706	20	PASS
		5270	NV	NT	-20000.00	-3.795066	20	PASS
		5310	NV	NT	-20000.00	-3.766478	20	PASS
		5510	NV	NT	-19000.00	-3.448276	20	PASS
		5550	NV	NT	-19000.00	-3.423423	20	PASS
		5670	NV	NT	-18000.00	-3.174603	20	PASS
		5755	NV	NT	-18000.00	-3.127715	20	PASS
11AC80MI MO	Ant1	5795	NV	NT	-21000.00	-3.623814	20	PASS
		5210	NV	NT	-18000.00	-3.454894	20	PASS
		5290	NV	NT	-19000.00	-3.591682	20	PASS
		5530	NV	NT	-20000.00	-3.616637	20	PASS
		5610	NV	NT	-20000.00	-3.565062	20	PASS
		5775	NV	NT	-21000.00	-3.636364	20	PASS

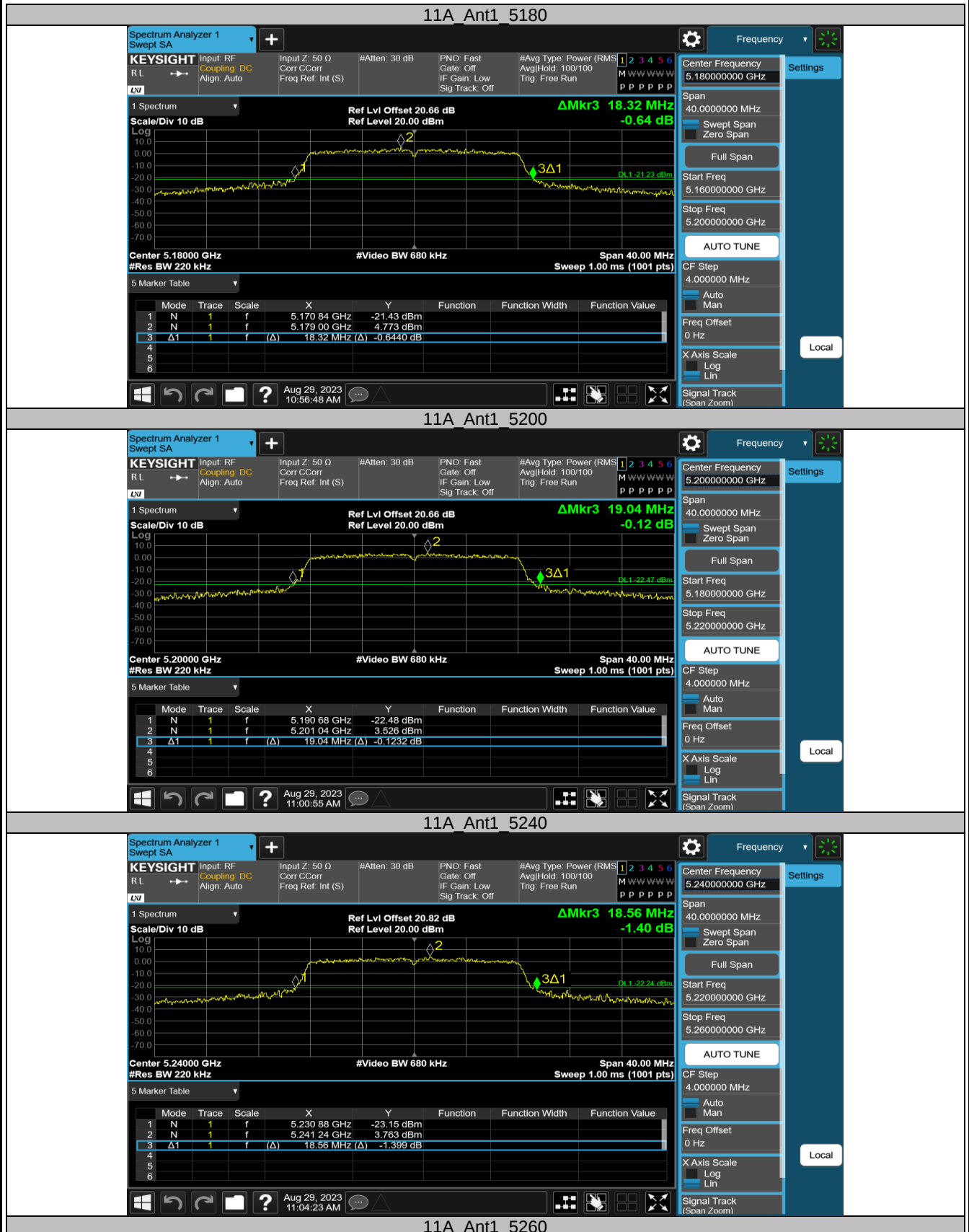
Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20MI MO	Ant1	5180	NV	-10	-23000.00	-4.440154	20	PASS
			NV	40	-22000.00	-4.247104	20	PASS
		5200	NV	-10	-24000.00	-4.615385	20	PASS
			NV	40	-22000.00	-4.230769	20	PASS
		5240	NV	-10	-22000.00	-4.198473	20	PASS
			NV	40	-21000.00	-4.007634	20	PASS
		5260	NV	-10	-21000.00	-3.992395	20	PASS
			NV	40	-20000.00	-3.802281	20	PASS
		5280	NV	-10	-20000.00	-3.787879	20	PASS
			NV	40	-20000.00	-3.787879	20	PASS
		5320	NV	-10	-20000.00	-3.759398	20	PASS
			NV	40	-20000.00	-3.759398	20	PASS
		5500	NV	-10	-20000.00	-3.636364	20	PASS
			NV	40	-20000.00	-3.636364	20	PASS
		5580	NV	-10	-20000.00	-3.584229	20	PASS
			NV	40	-19000.00	-3.405018	20	PASS
		5700	NV	-10	-21000.00	-3.684211	20	PASS
			NV	40	-20000.00	-3.508772	20	PASS
		5745	NV	-10	-22000.00	-3.829417	20	PASS
			NV	40	-21000.00	-3.655352	20	PASS
		5785	NV	-10	-22000.00	-3.802939	20	PASS
			NV	40	-22000.00	-3.802939	20	PASS
		5825	NV	-10	-22000.00	-3.776824	20	PASS
			NV	40	-22000.00	-3.776824	20	PASS

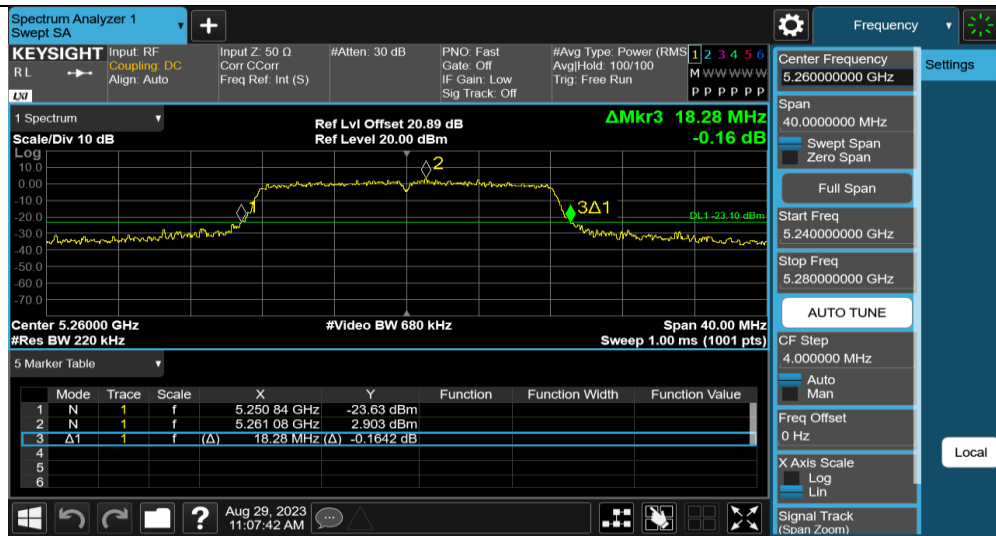
11AC40MI MO	Ant1	5190	NV	-10	-22000.00	-4.238921	20	PASS
			NV	40	-20000.00	-3.853565	20	PASS
		5230	NV	-10	-20000.00	-3.824092	20	PASS
			NV	40	-19000.00	-3.632887	20	PASS
		5270	NV	-10	-18000.00	-3.415560	20	PASS
			NV	40	-18000.00	-3.415560	20	PASS
		5310	NV	-10	-18000.00	-3.389831	20	PASS
			NV	40	-17000.00	-3.201507	20	PASS
		5510	NV	-10	-18000.00	-3.266788	20	PASS
			NV	40	-17000.00	-3.085299	20	PASS
		5550	NV	-10	-17000.00	-3.063063	20	PASS
			NV	40	-16000.00	-2.882883	20	PASS
		5670	NV	-10	-16000.00	-2.821869	20	PASS
			NV	40	-16000.00	-2.821869	20	PASS
		5755	NV	-10	-18000.00	-3.127715	20	PASS
			NV	40	-17000.00	-2.953953	20	PASS
		5795	NV	-10	-19000.00	-3.278689	20	PASS
			NV	40	-18000.00	-3.106126	20	PASS
11AC80MI MO	Ant1	5210	NV	-10	-18000.00	-3.454894	20	PASS
			NV	40	-17000.00	-3.262956	20	PASS
		5290	NV	-10	-18000.00	-3.402647	20	PASS
			NV	40	-16000.00	-3.024575	20	PASS
		5530	NV	-10	-17000.00	-3.074141	20	PASS
			NV	40	-16000.00	-2.893309	20	PASS
		5610	NV	-10	-16000.00	-2.852050	20	PASS
			NV	40	-16000.00	-2.852050	20	PASS
		5775	NV	-10	-19000.00	-3.290043	20	PASS
			NV	40	-18000.00	-3.116883	20	PASS

Appendix A.3: Test Results of 26dB Bandwidth

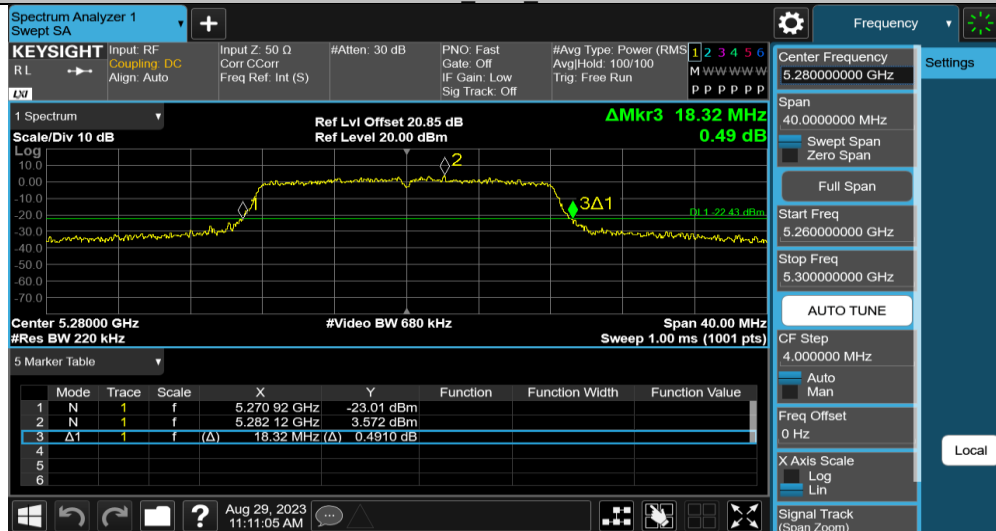
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.320	5170.840	5189.160	---	---
		5200	19.040	5190.680	5209.720	---	---
		5240	18.560	5230.880	5249.440	---	---
		5260	18.280	5250.840	5269.120	---	---
		5280	18.320	5270.920	5289.240	---	---
		5320	18.440	5310.800	5329.240	---	---
		5500	18.440	5490.840	5509.280	---	---
		5580	22.920	5568.400	5591.320	---	---
		5700	18.240	5690.920	5709.160	---	---
		5720	18.480	5710.760	5729.240	---	---
		5720 UNII-2C	14.24	5710.760	5725	---	---
		5720 UNII-3	4.24	5725	5729.240	---	---
		5745	26.000	5732.160	5758.160	---	---
		5785	33.280	5767.440	5800.720	---	---
		5825	30.440	5809.280	5839.720	---	---
11N20MIMO	Ant1	5180	19.360	5170.280	5189.640	---	---
		5200	19.400	5190.240	5209.640	---	---
		5240	19.720	5230.200	5249.920	---	---
		5260	19.320	5250.360	5269.680	---	---
		5280	20.240	5270.320	5290.560	---	---
		5320	20.160	5310.320	5330.480	---	---
		5500	19.040	5490.440	5509.480	---	---
		5580	21.480	5569.960	5591.440	---	---
		5700	20.840	5689.280	5710.120	---	---
		5720	19.360	5710.280	5729.640	---	---
		5720 UNII-2C	14.72	5710.280	5725	---	---
		5720 UNII-3	4.64	5725	5729.640	---	---
		5745	35.160	5726.080	5761.240	---	---
		5785	33.120	5766.720	5799.840	---	---
		5825	36.160	5806.960	5843.120	---	---
11N40MIMO	Ant1	5190	39.680	5170.240	5209.920	---	---
		5230	38.960	5210.560	5249.520	---	---
		5270	39.200	5250.320	5289.520	---	---
		5310	39.040	5290.480	5329.520	---	---
		5510	39.040	5490.560	5529.600	---	---
		5550	40.960	5529.840	5570.800	---	---
		5670	38.720	5650.640	5689.360	---	---
		5710	38.800	5690.640	5729.440	---	---
		5710 UNII-2C	34.36	5690.640	5725	---	---
		5710 UNII-3	4.44	5725	5729.440	---	---
		5755	77.280	5717.480	5794.760	---	---
		5795	78.320	5756.520	5834.840	---	---
		5180	19.240	5170.360	5189.600	---	---
		5200	19.320	5190.320	5209.640	---	---
		5240	19.360	5230.280	5249.640	---	---
11AC20MIMO	Ant1	5260	19.640	5250.360	5270.000	---	---
		5280	20.000	5270.280	5290.280	---	---
		5320	19.600	5310.280	5329.880	---	---
		5500	19.600	5490.080	5509.680	---	---
		5580	20.120	5569.960	5590.080	---	---
		5700	19.280	5690.240	5709.520	---	---
		5720	19.560	5710.280	5729.840	---	---
		5720 UNII-2C	14.72	5710.280	5725	---	---
		5720 UNII-3	4.84	5725	5729.840	---	---
		5745	28.160	5731.360	5759.520	---	---
		5785	28.840	5768.280	5797.120	---	---
		5825	29.720	5806.920	5836.640	---	---
11AC40MIMO	Ant1	5190	39.440	5170.080	5209.520	---	---
		5230	39.280	5210.320	5249.600	---	---

		5270	39.120	5250.640	5289.760	---	---
		5310	39.360	5290.400	5329.760	---	---
		5510	38.960	5490.480	5529.440	---	---
		5550	39.680	5530.320	5570.000	---	---
		5670	39.120	5650.720	5689.840	---	---
		5710	38.960	5690.720	5729.680	---	---
		5710 UNII-2C	34.28	5690.720	5725	---	---
		5710 UNII-3	4.68	5725	5729.680	---	---
		5755	75.680	5716.840	5792.520	---	---
		5795	78.800	5756.040	5834.840	---	---
11AC80MIMO	Ant1	5210	81.600	5169.040	5250.640	---	---
		5290	83.360	5248.880	5332.240	---	---
		5530	82.240	5489.040	5571.280	---	---
		5610	86.080	5569.360	5655.440	---	---
		5690	90.400	5644.880	5735.280	---	---
		5690 UNII-2C	80.12	5644.880	5725	---	---
		5690 UNII-3	10.28	5725	5735.280	---	---
		5775	159.360	5695.320	5854.680	---	---

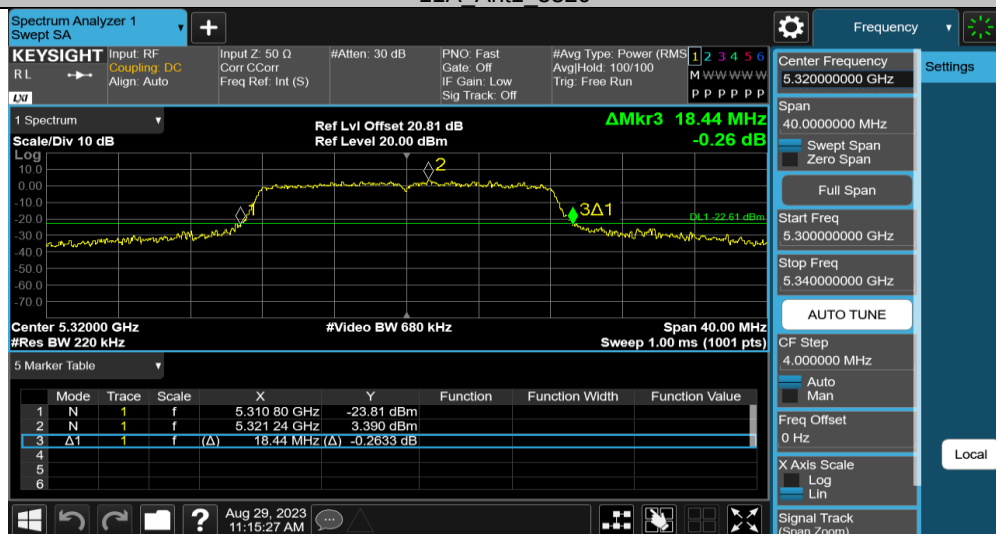




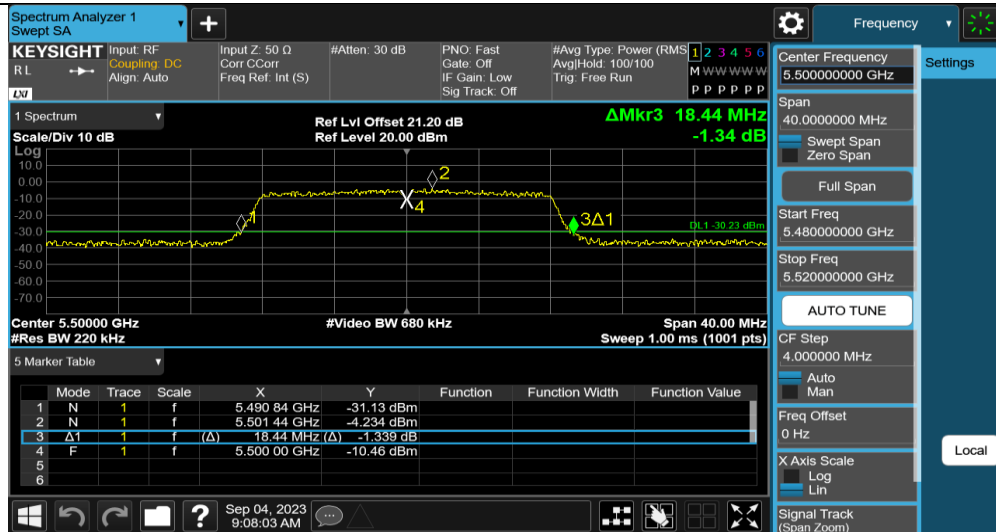
11A_Ant1_5280



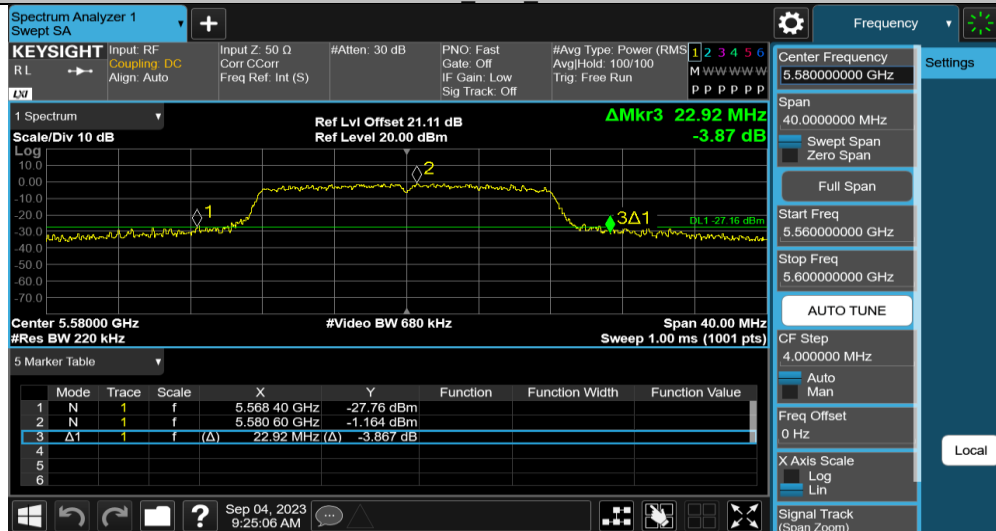
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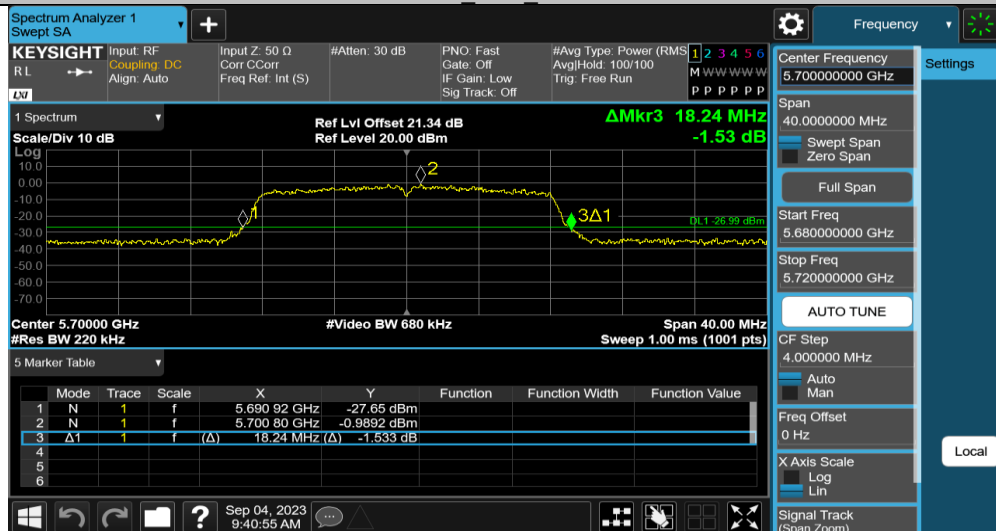
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11A_Ant1_5580



11A_Ant1_5700



11A_Ant1_5720