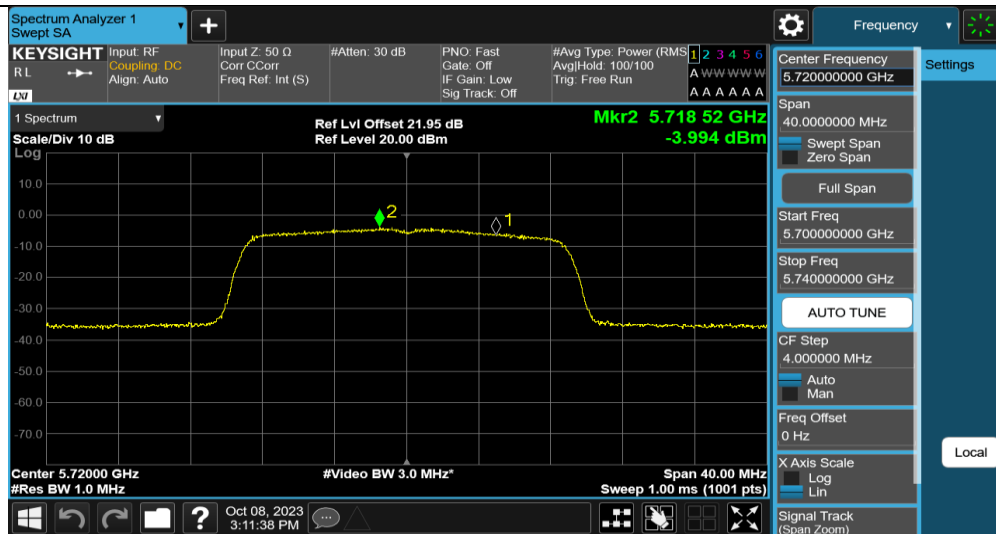
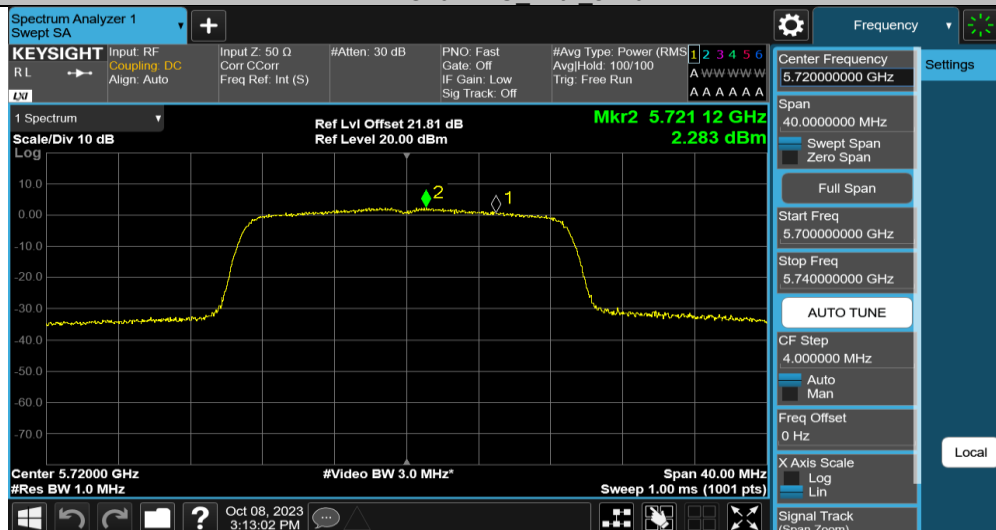




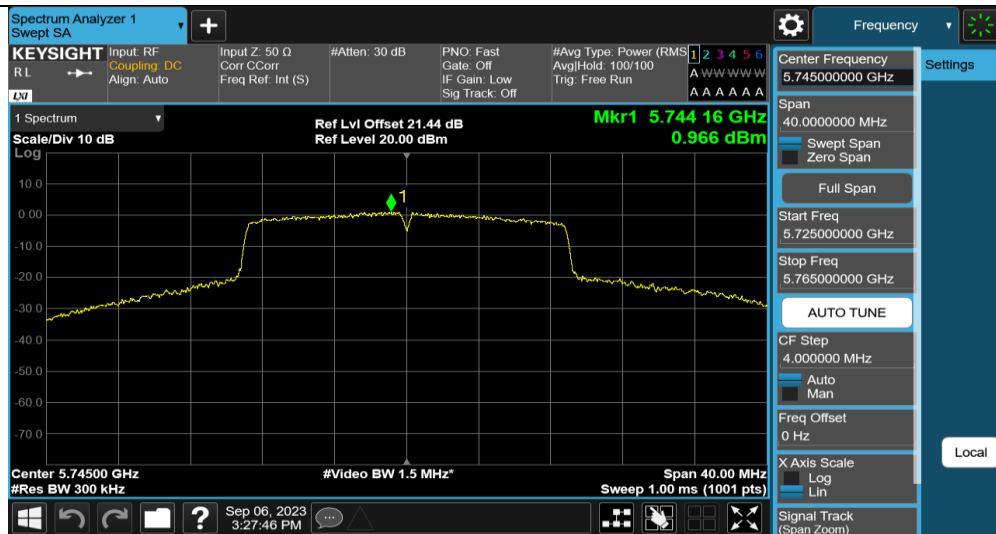
11AC20MIMO_Ant2_5720



11AC20MIMO_Ant1_5745



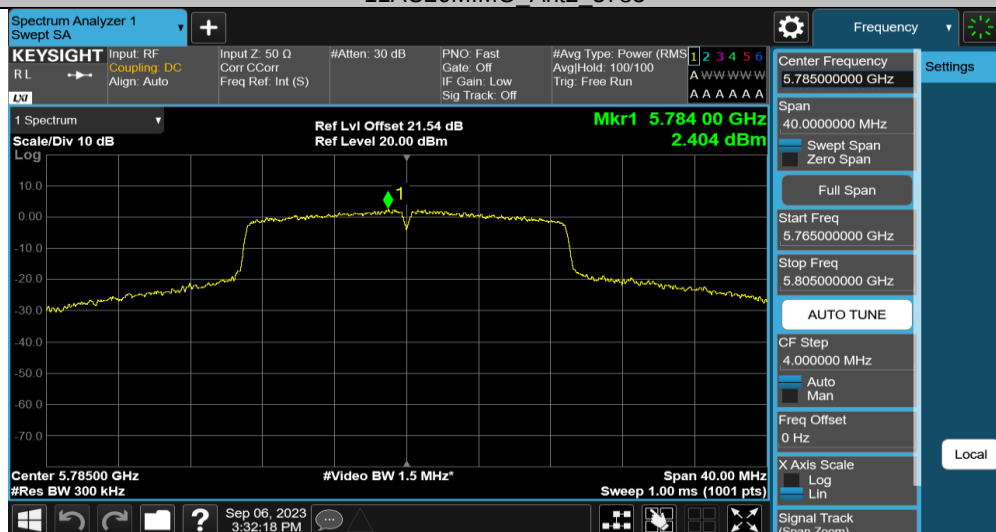
11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



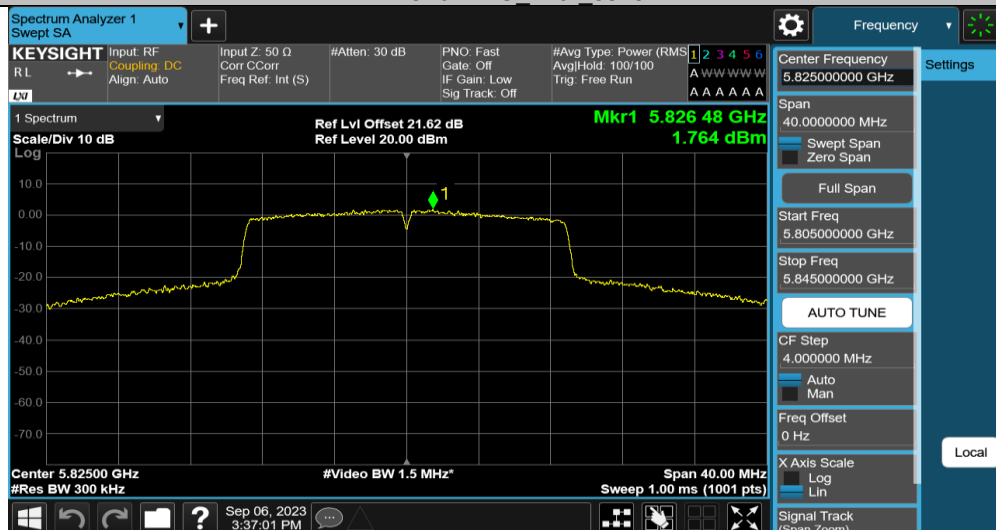
11AC20MIMO_Ant2_5785



11AC20MIMO_Ant1_5825



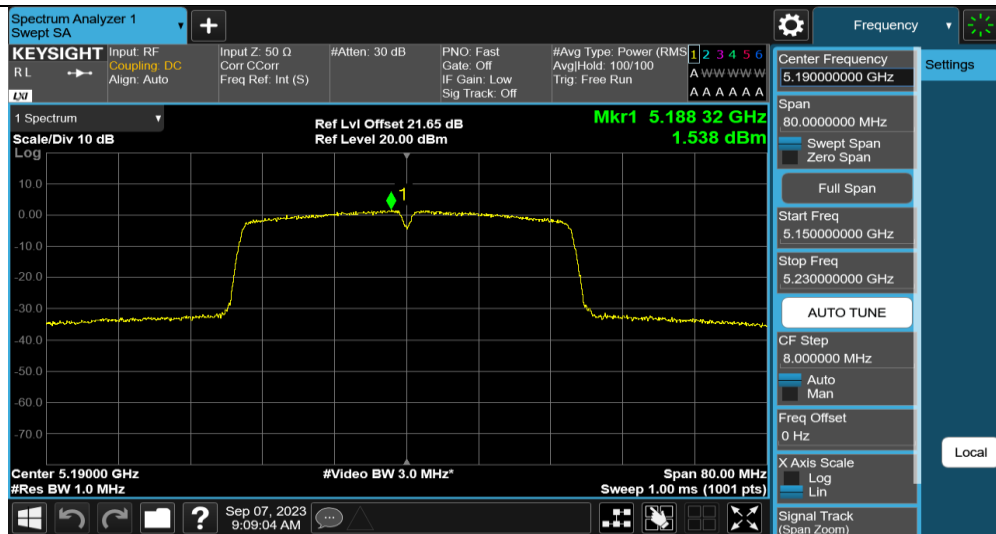
11AC20MIMO_Ant2_5825



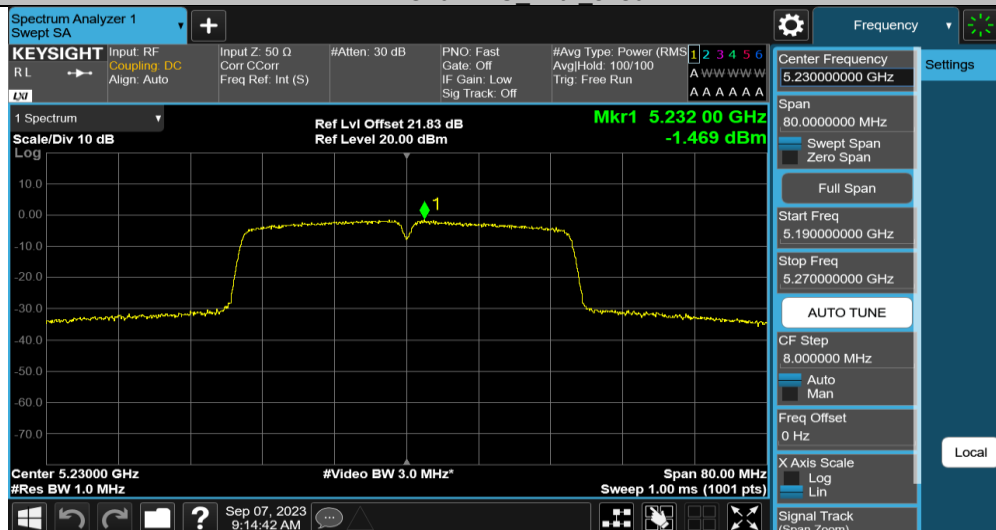
11AC40MIMO_Ant1_5190



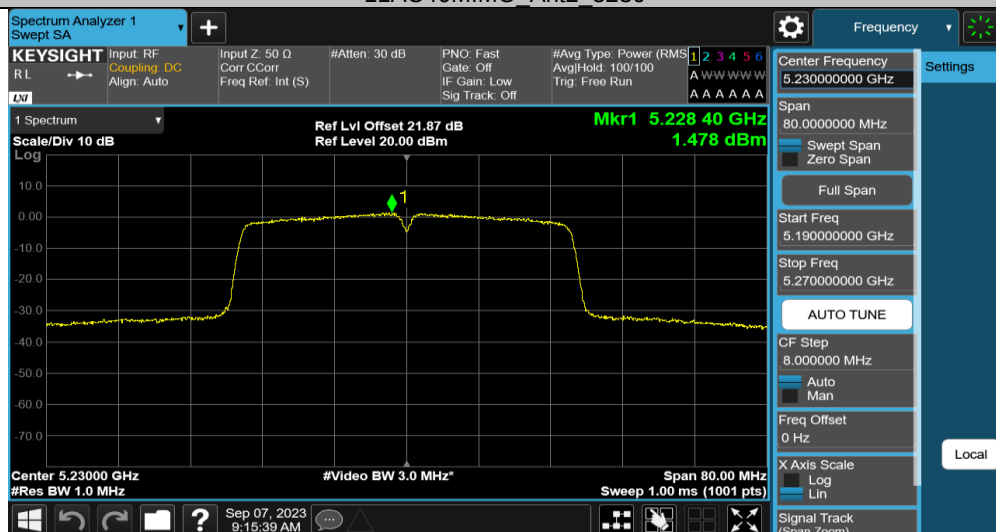
11AC40MIMO_Ant2_5190



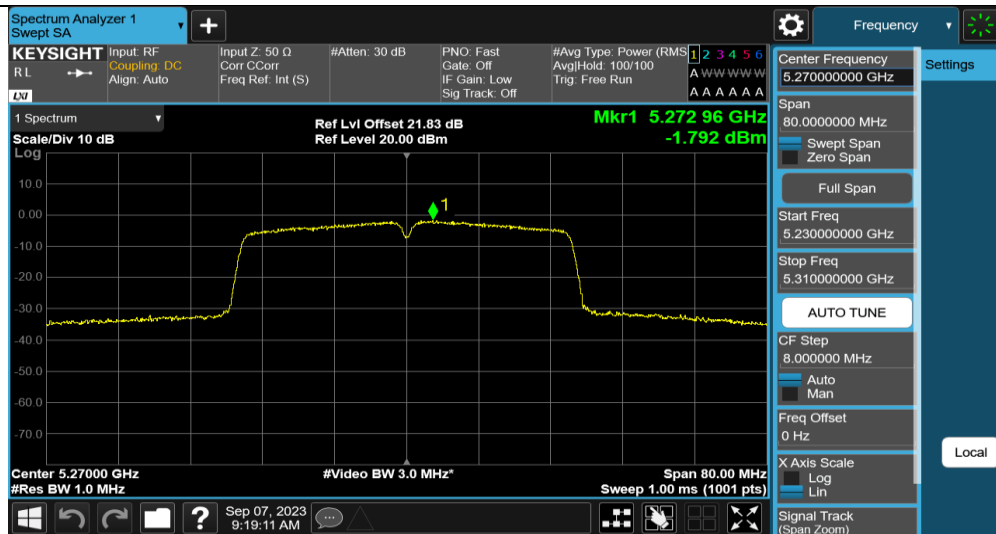
11AC40MIMO_Ant1_5230



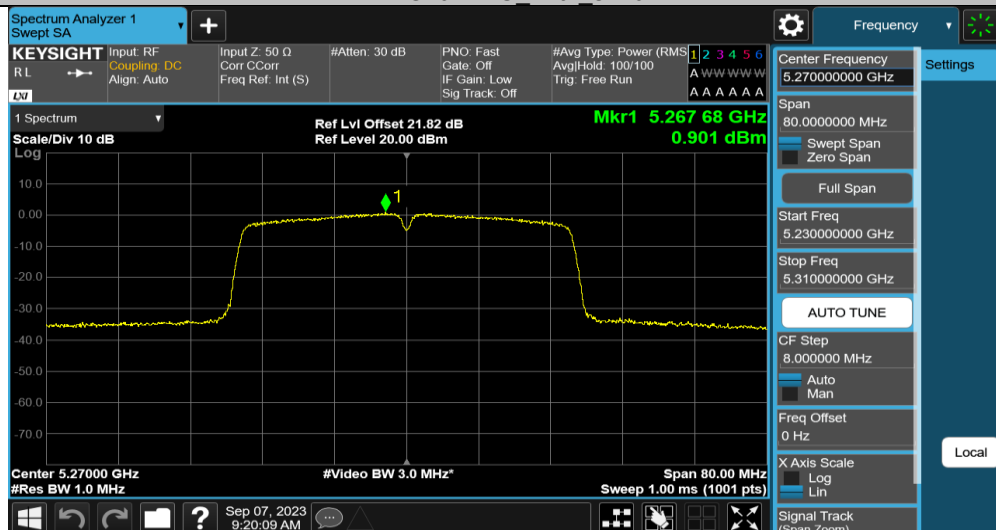
11AC40MIMO_Ant2_5230



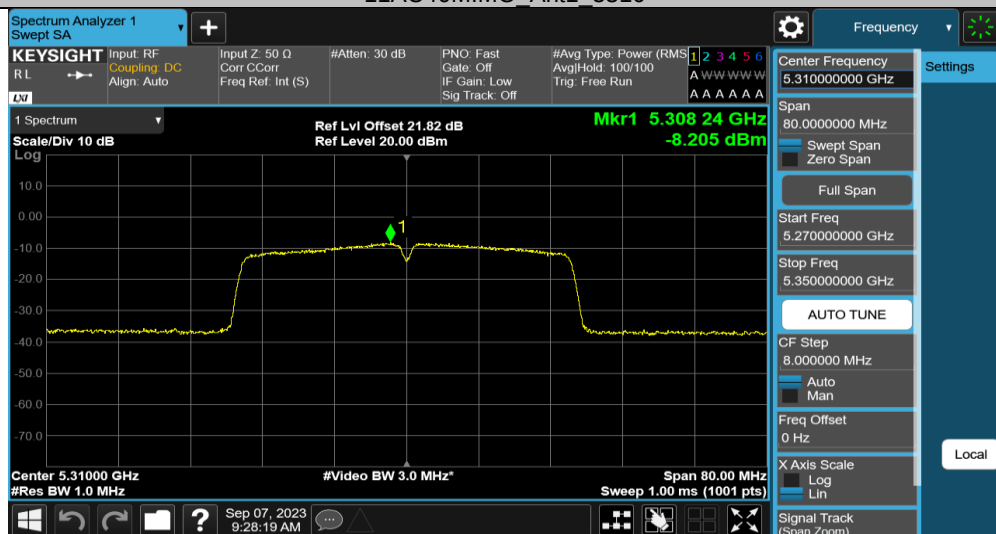
11AC40MIMO_Ant1_5270



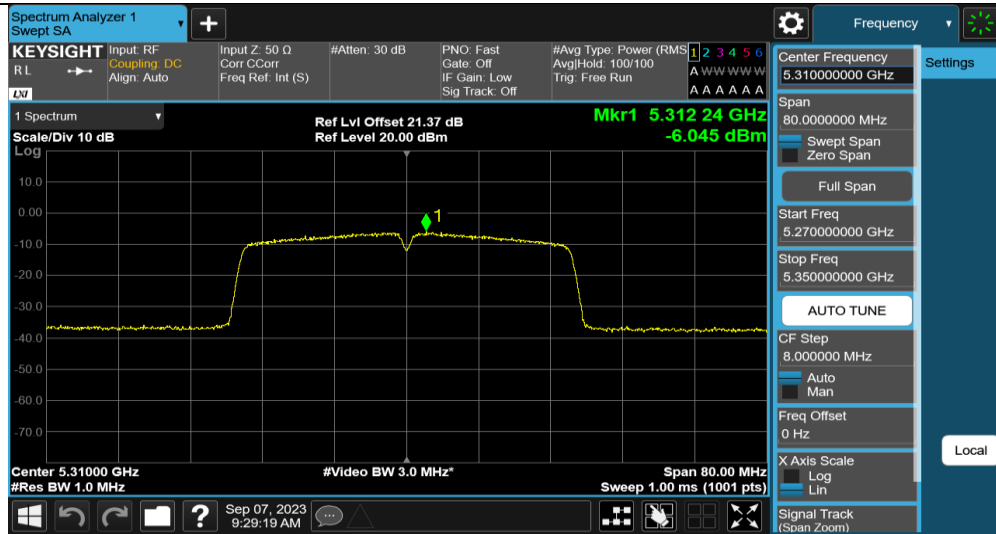
11AC40MIMO_Ant2_5270



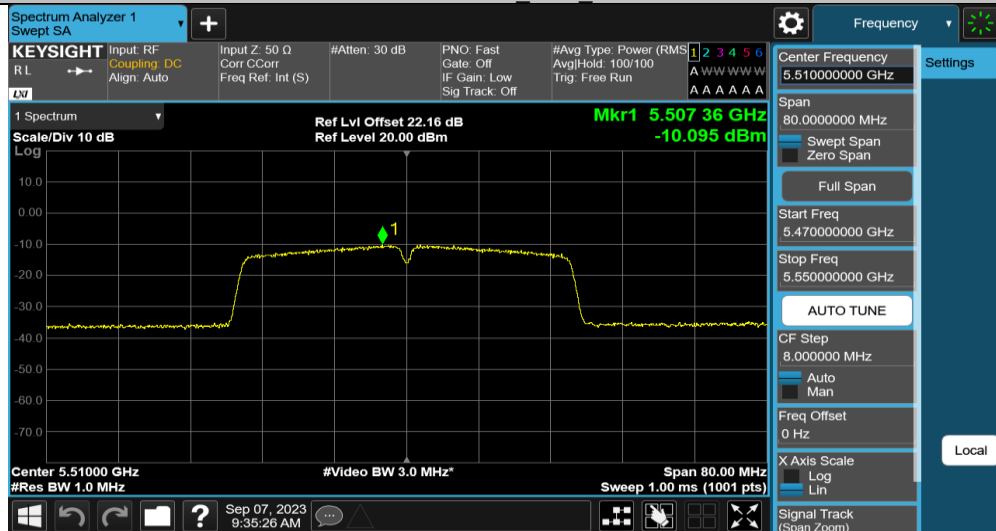
11AC40MIMO_Ant1_5310



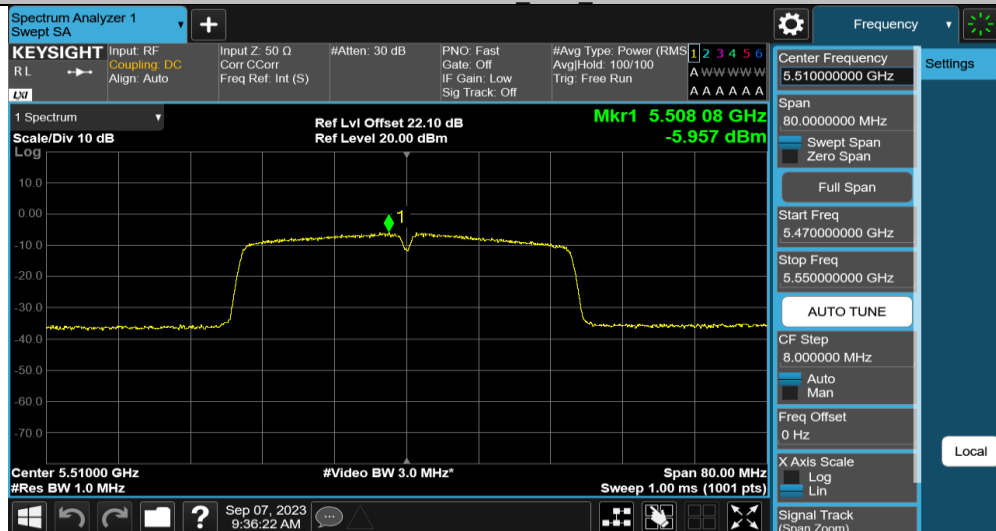
11AC40MIMO_Ant2_5310



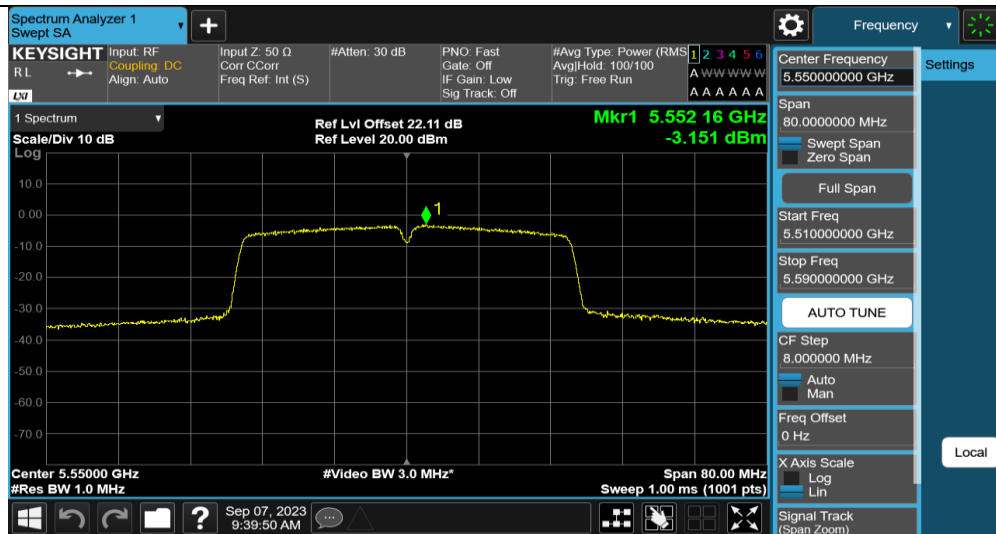
11AC40MIMO_Ant1_5510



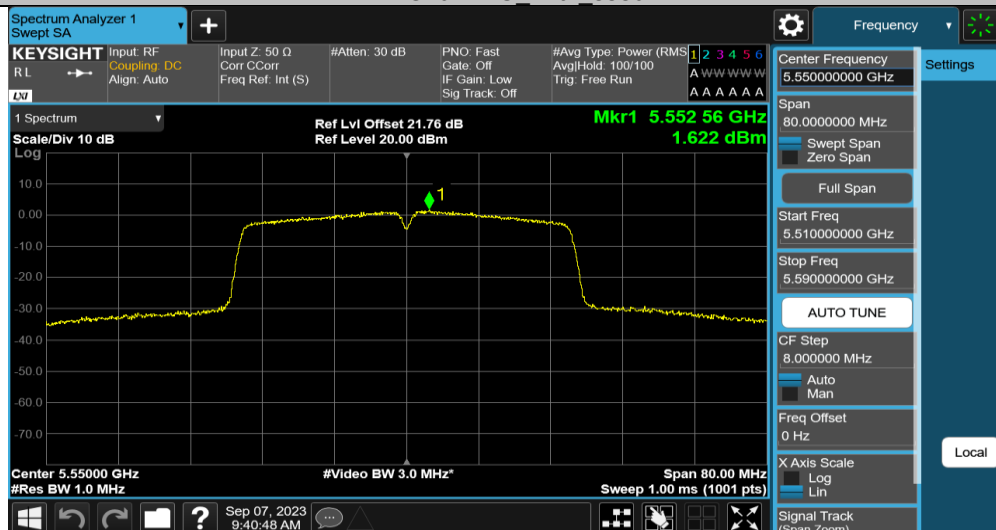
11AC40MIMO_Ant2_5510



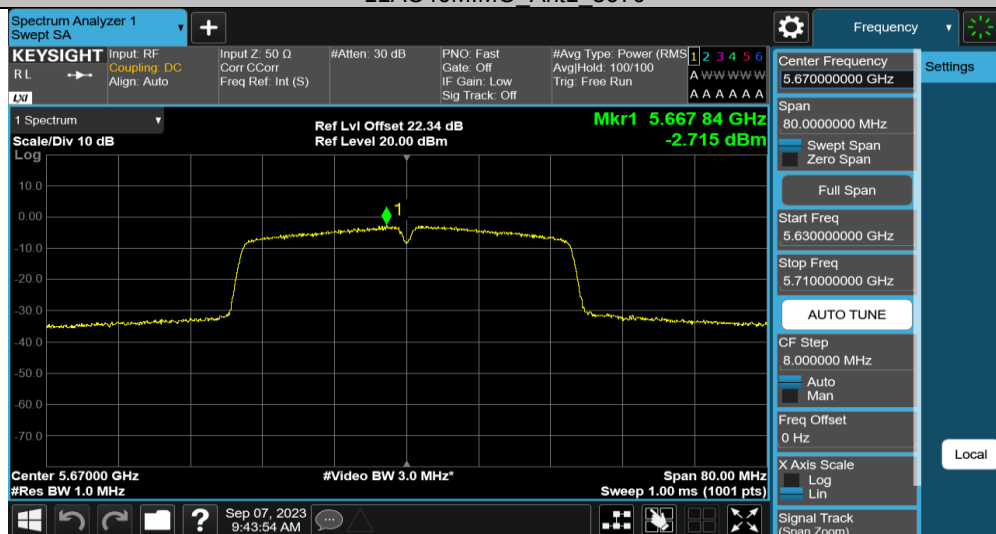
11AC40MIMO_Ant1_5550



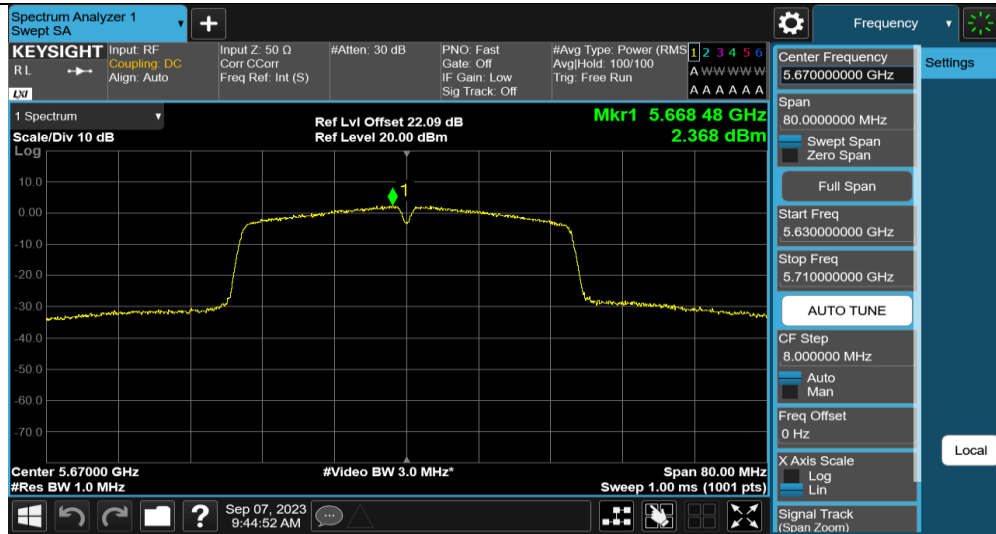
11AC40MIMO_Ant2_5550



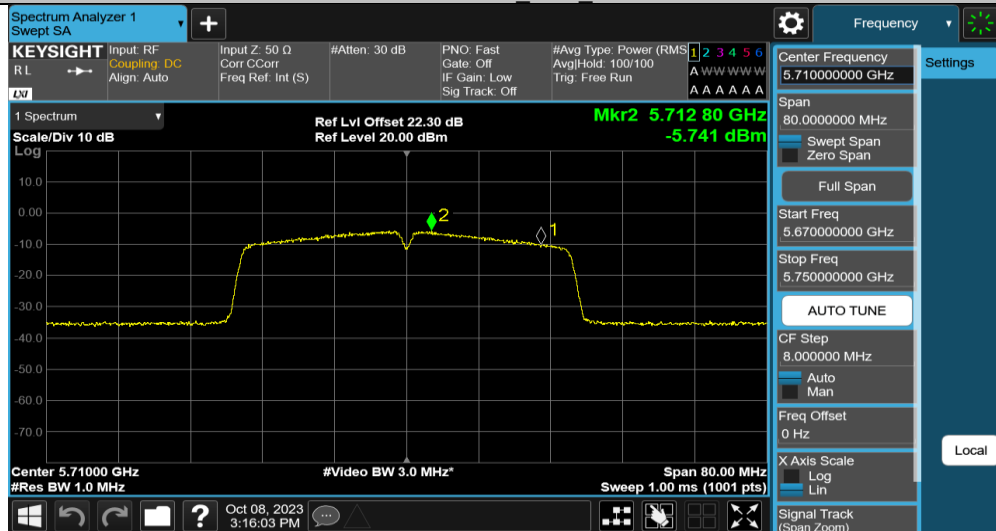
11AC40MIMO_Ant1_5670



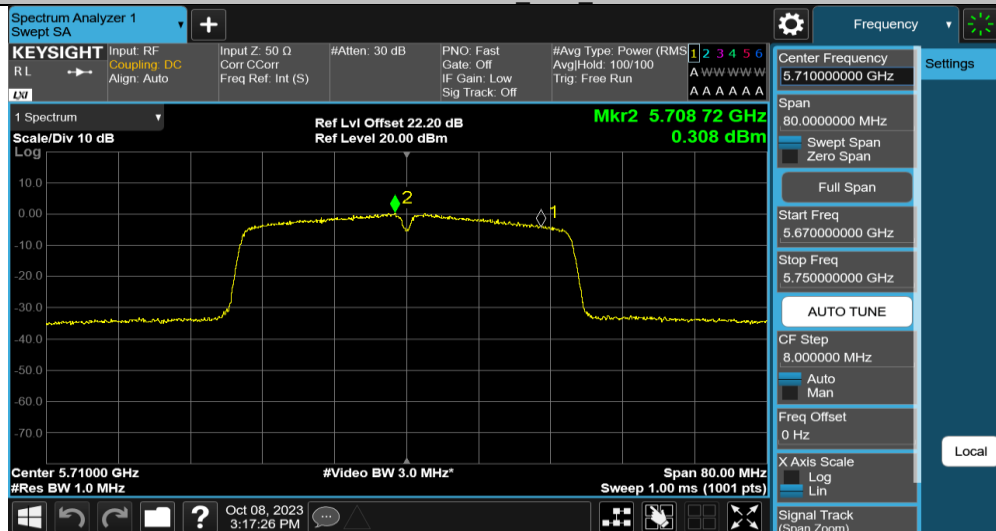
11AC40MIMO_Ant2_5670



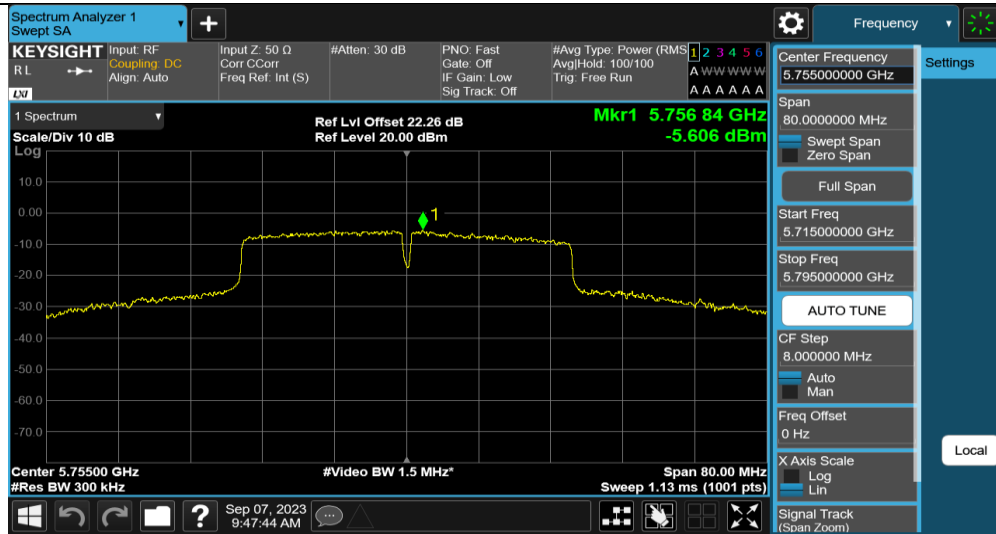
11AC40MIMO_Ant1_5710



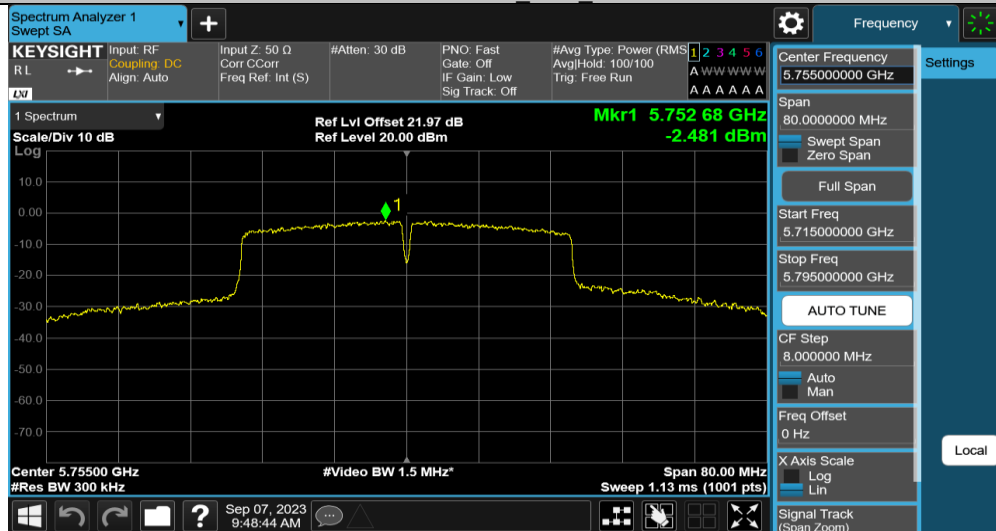
11AC40MIMO_Ant2_5710



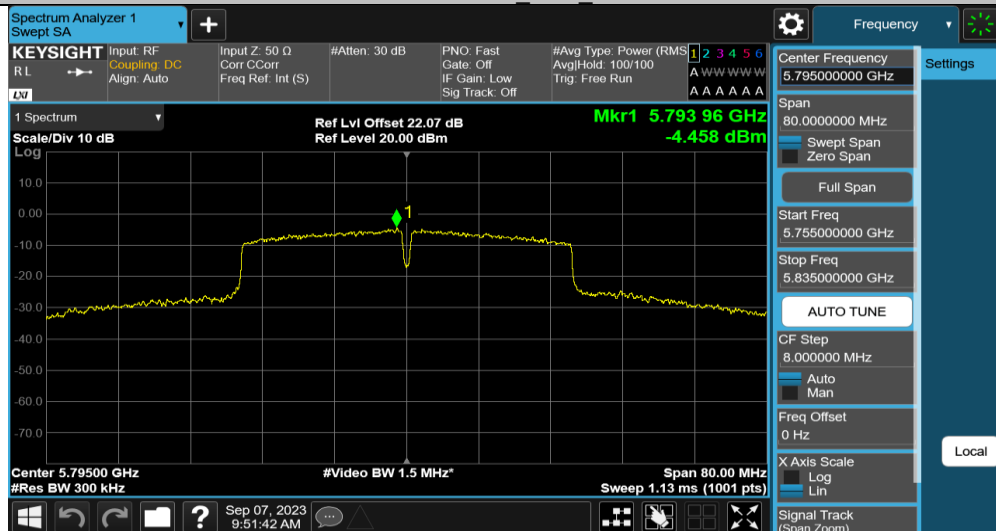
11AC40MIMO_Ant1_5755



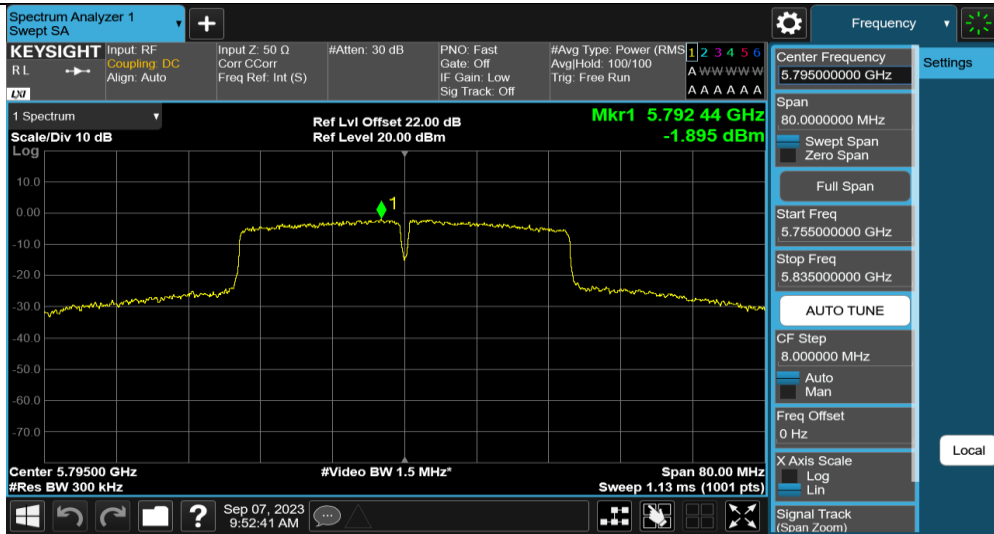
11AC40MIMO_Ant2_5755



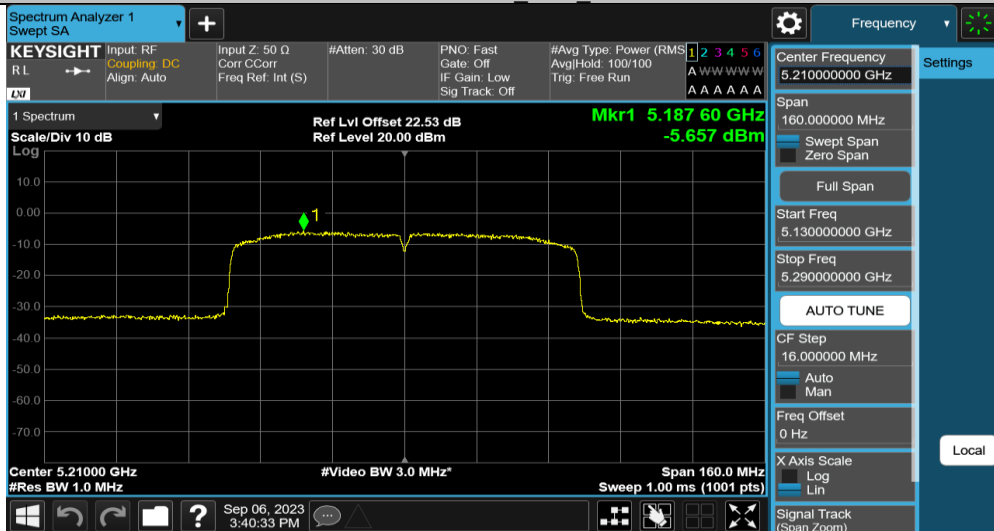
11AC40MIMO_Ant1_5795



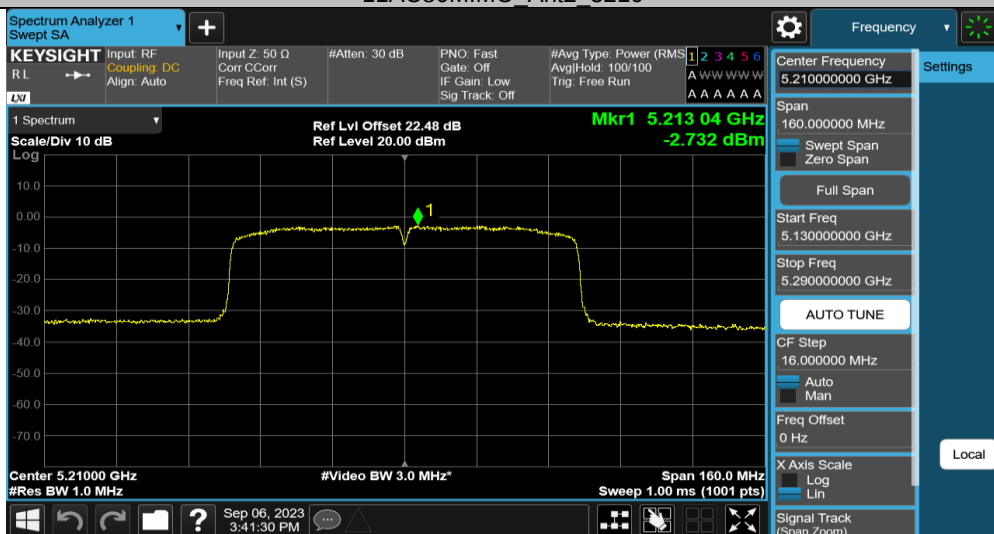
11AC40MIMO_Ant2_5795



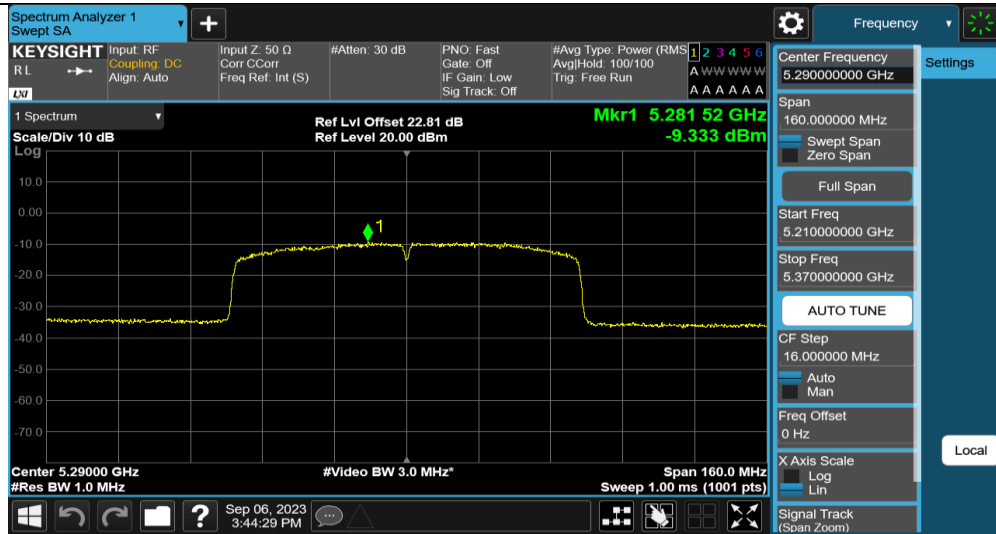
11AC80MIMO_Ant1_5210



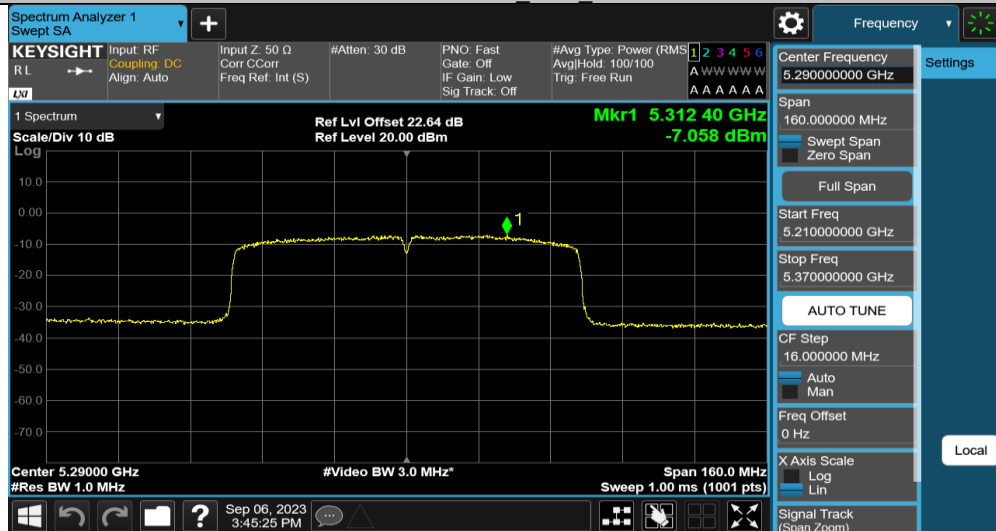
11AC80MIMO_Ant2_5210



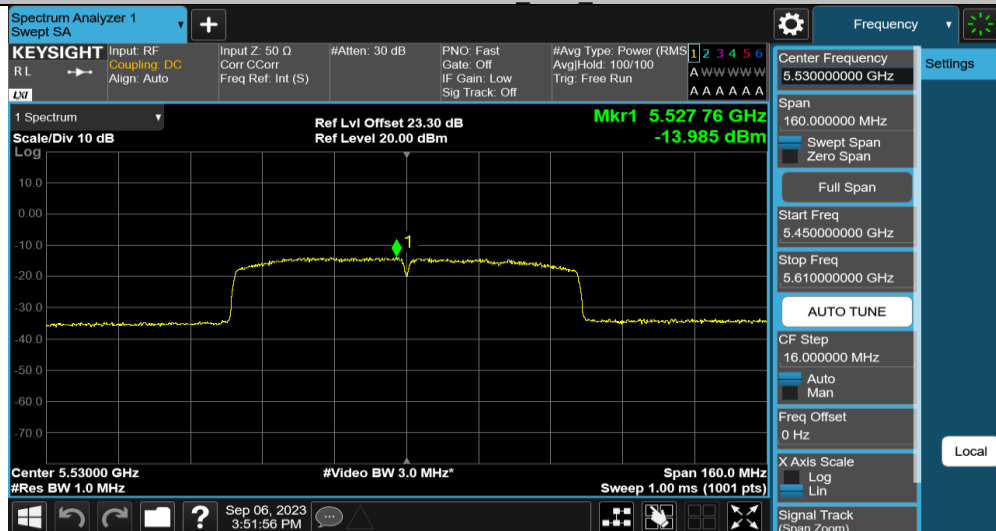
11AC80MIMO_Ant1_5290



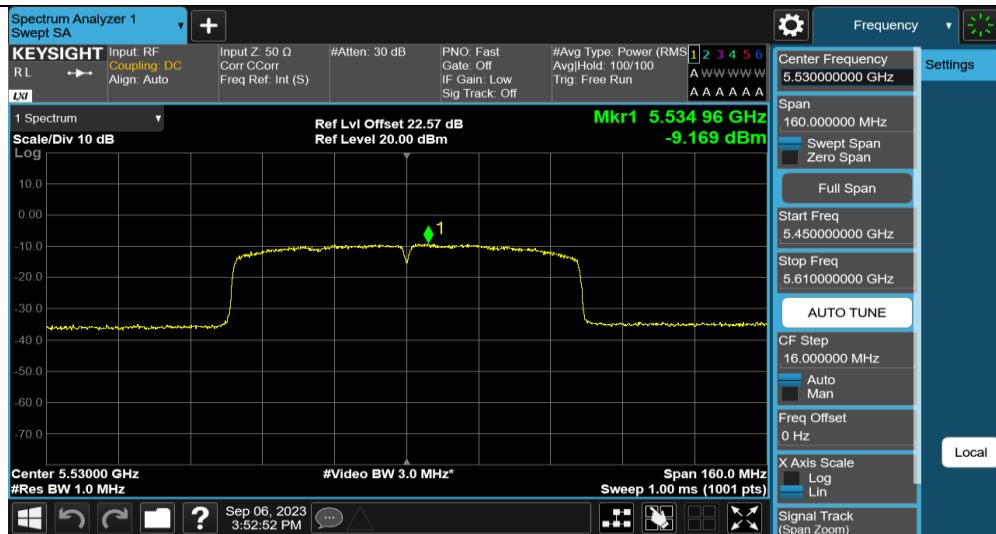
11AC80MIMO_Ant2_5290



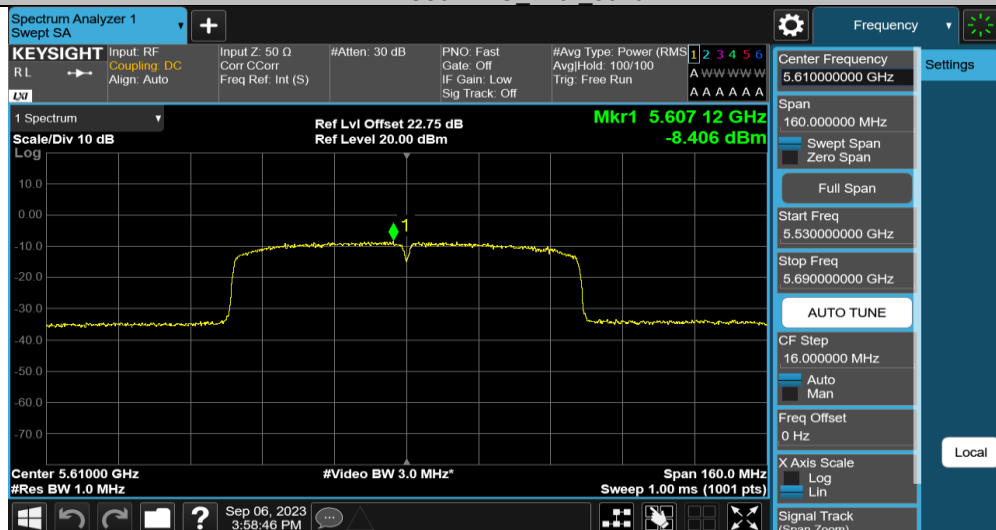
11AC80MIMO_Ant1_5530



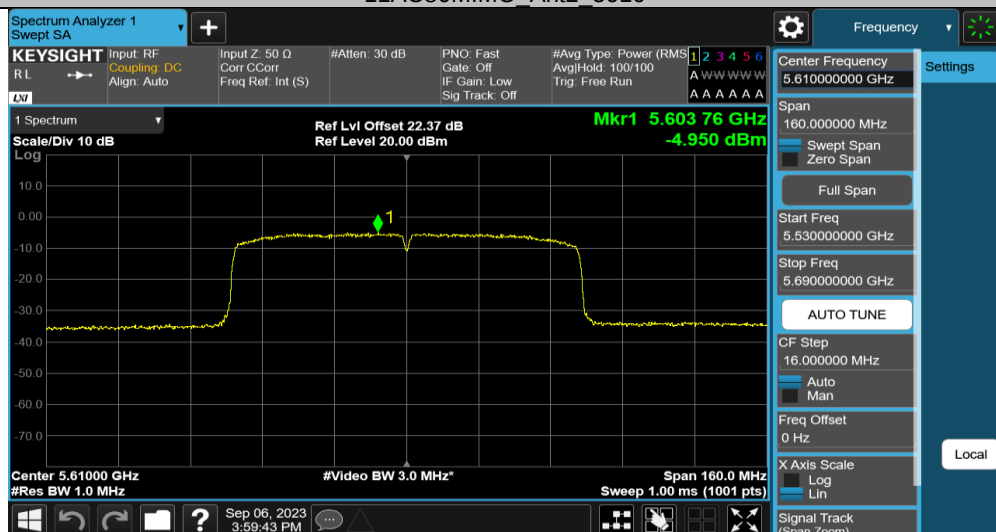
11AC80MIMO_Ant2_5530



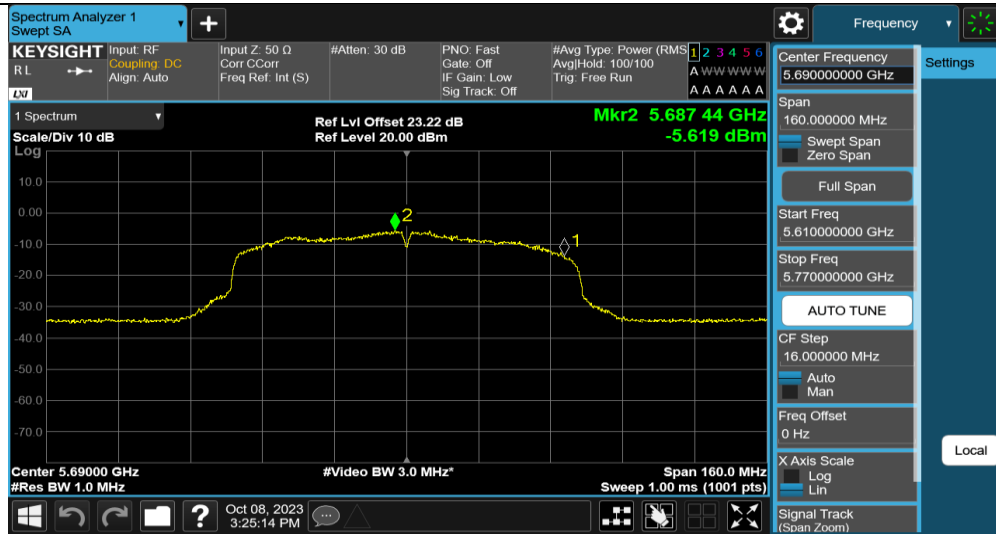
11AC80MIMO_Ant1_5610



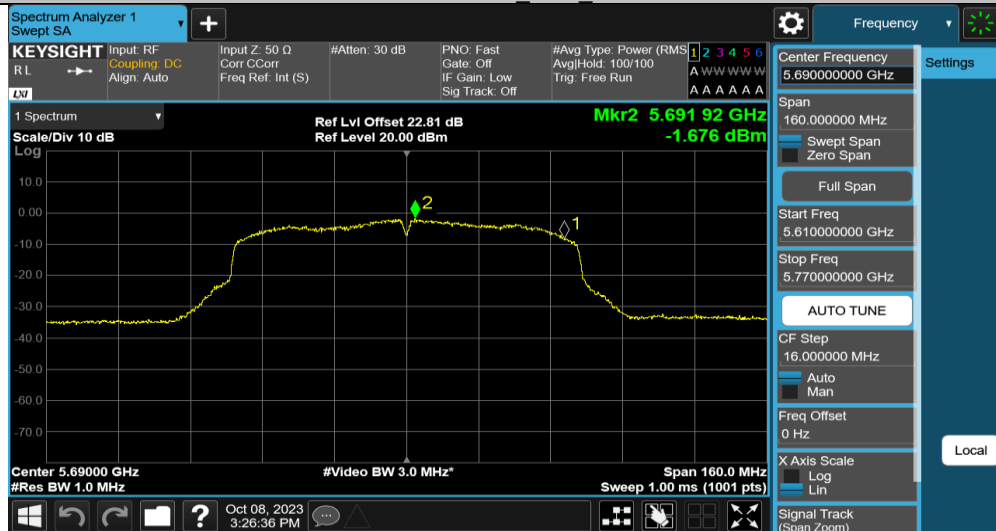
11AC80MIMO_Ant2_5610



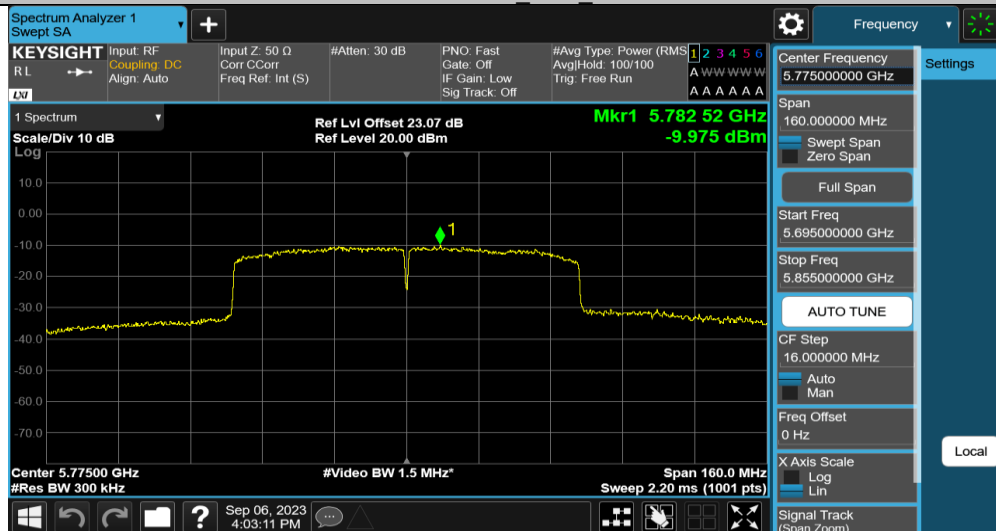
11AC80MIMO_Ant1_5690



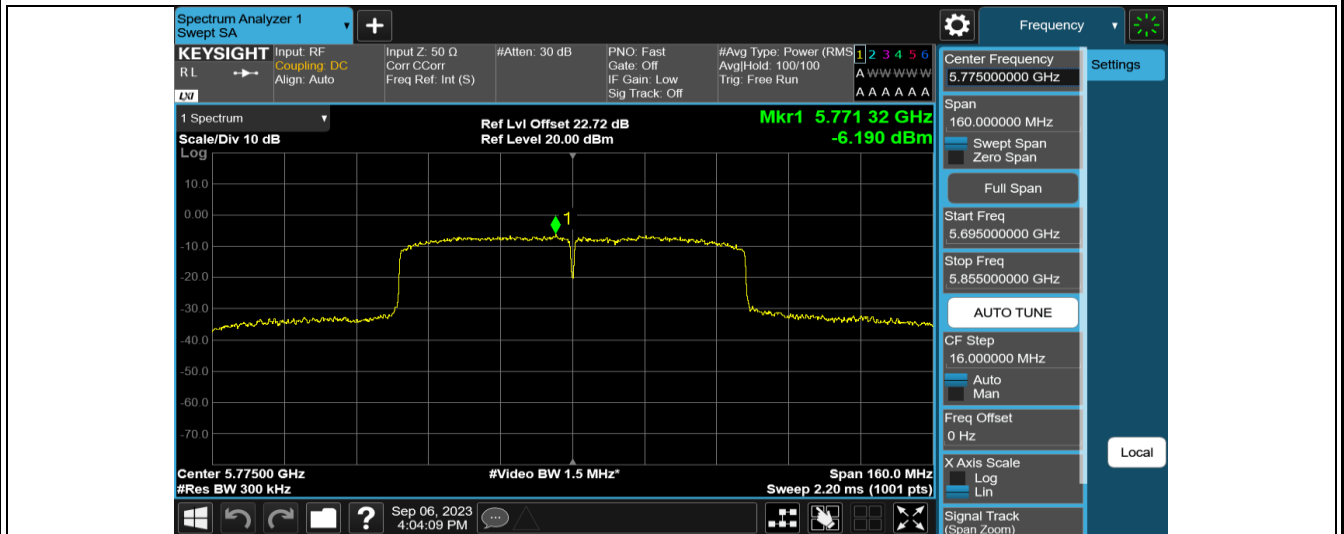
11AC80MIMO_Ant2_5690



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix A.2: Test Results of Frequency Stability

TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20 MIMO	Ant1	5180	NV	NT	-7000.00	-1.351351	20	PASS
		5200	NV	NT	-8000.00	-1.538462	20	PASS
		5240	NV	NT	-8000.00	-1.526718	20	PASS
		5260	NV	NT	-9000.00	-1.711027	20	PASS
		5280	NV	NT	-9000.00	-1.704545	20	PASS
		5320	NV	NT	-9000.00	-1.691729	20	PASS
		5500	NV	NT	-9000.00	-1.636364	20	PASS
		5580	NV	NT	-9000.00	-1.612903	20	PASS
		5700	NV	NT	-9000.00	-1.578947	20	PASS
		5745	NV	NT	-9000.00	-1.566580	20	PASS
		5785	NV	NT	-8000.00	-1.382887	20	PASS
		5825	NV	NT	-9000.00	-1.545064	20	PASS
11AC40 MIMO	Ant1	5190	NV	NT	-9000.00	-1.734104	20	PASS
		5230	NV	NT	-9000.00	-1.720841	20	PASS
		5270	NV	NT	-8000.00	-1.518027	20	PASS
		5310	NV	NT	-8000.00	-1.506591	20	PASS
		5510	NV	NT	-9000.00	-1.633394	20	PASS
		5550	NV	NT	-9000.00	-1.621622	20	PASS
		5670	NV	NT	-9000.00	-1.587302	20	PASS
		5755	NV	NT	-10000.00	-1.737619	20	PASS
11AC80 MIMO	Ant1	5795	NV	NT	-9000.00	-1.553063	20	PASS
		5210	NV	NT	-9000.00	-1.727447	20	PASS
		5290	NV	NT	-8000.00	-1.512287	20	PASS
		5530	NV	NT	-9000.00	-1.627486	20	PASS
		5610	NV	NT	-9000.00	-1.604278	20	PASS
		5775	NV	NT	-9000.00	-1.558442	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20MI MO	Ant1	5180	NV	-10	-7000.00	-1.351351	20	PASS
			NV	40	-7000.00	-1.351351	20	PASS
		5200	NV	-10	-7000.00	-1.346154	20	PASS
			NV	40	-8000.00	-1.538462	20	PASS
		5240	NV	-10	-8000.00	-1.526718	20	PASS
			NV	40	-7000.00	-1.335878	20	PASS
		5260	NV	-10	-7000.00	-1.330798	20	PASS
			NV	40	-7000.00	-1.330798	20	PASS
		5280	NV	-10	-7000.00	-1.325758	20	PASS
			NV	40	-7000.00	-1.325758	20	PASS
		5320	NV	-10	-8000.00	-1.503759	20	PASS
			NV	40	-8000.00	-1.503759	20	PASS
		5500	NV	-10	-8000.00	-1.454545	20	PASS
			NV	40	-7000.00	-1.272727	20	PASS
		5580	NV	-10	-7000.00	-1.254480	20	PASS
			NV	40	-7000.00	-1.254480	20	PASS
		5700	NV	-10	-8000.00	-1.403509	20	PASS
			NV	40	-7000.00	-1.228070	20	PASS
		5745	NV	-10	-8000.00	-1.392515	20	PASS
			NV	40	-8000.00	-1.392515	20	PASS
		5785	NV	-10	-8000.00	-1.382887	20	PASS
			NV	40	-8000.00	-1.382887	20	PASS
		5825	NV	-10	-8000.00	-1.373391	20	PASS
			NV	40	-8000.00	-1.373391	20	PASS
11AC40MI MO	Ant1	5190	NV	-10	-7000.00	-1.348748	20	PASS
			NV	40	-7000.00	-1.348748	20	PASS

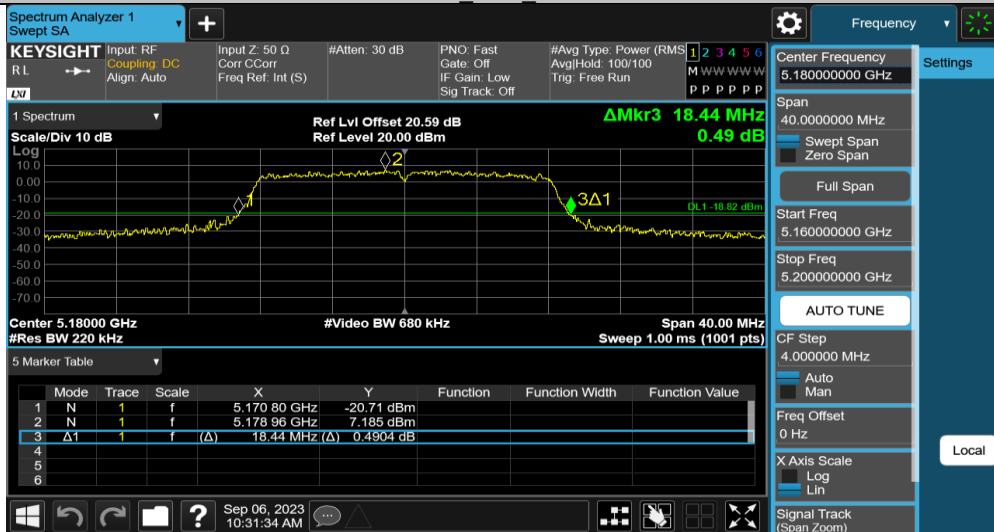
		5230	NV	-10	-7000.00	-1.338432	20	PASS
			NV	40	-7000.00	-1.338432	20	PASS
		5270	NV	-10	-7000.00	-1.328273	20	PASS
			NV	40	-8000.00	-1.518027	20	PASS
		5310	NV	-10	-8000.00	-1.506591	20	PASS
			NV	40	-8000.00	-1.506591	20	PASS
		5510	NV	-10	-8000.00	-1.451906	20	PASS
			NV	40	-8000.00	-1.451906	20	PASS
		5550	NV	-10	-8000.00	-1.441441	20	PASS
			NV	40	-7000.00	-1.261261	20	PASS
		5670	NV	-10	-8000.00	-1.410935	20	PASS
			NV	40	-7000.00	-1.234568	20	PASS
		5755	NV	-10	-8000.00	-1.390096	20	PASS
			NV	40	-8000.00	-1.390096	20	PASS
		5795	NV	-10	-8000.00	-1.380500	20	PASS
			NV	40	-8000.00	-1.380500	20	PASS
11AC80MI MO	Ant1	5210	NV	-10	-7000.00	-1.343570	20	PASS
			NV	40	-7000.00	-1.343570	20	PASS
		5290	NV	-10	-8000.00	-1.512287	20	PASS
			NV	40	-7000.00	-1.323251	20	PASS
		5530	NV	-10	-8000.00	-1.446655	20	PASS
			NV	40	-7000.00	-1.265823	20	PASS
		5610	NV	-10	-7000.00	-1.247772	20	PASS
			NV	40	-7000.00	-1.247772	20	PASS
		5775	NV	-10	-8000.00	-1.385281	20	PASS
			NV	40	-8000.00	-1.385281	20	PASS

Appendix A.3: Test Results of 26dB Bandwidth

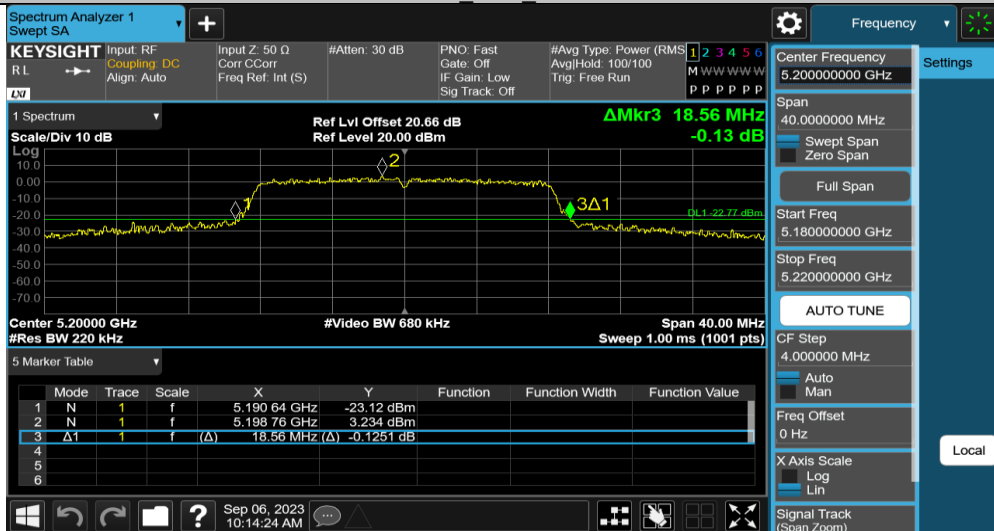
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.440	5170.800	5189.240	---	---
		5200	18.560	5190.640	5209.200	---	---
		5240	19.040	5230.200	5249.240	---	---
		5260	18.560	5250.680	5269.240	---	---
		5280	18.440	5270.760	5289.200	---	---
		5320	18.360	5310.960	5329.320	---	---
		5500	18.280	5490.880	5509.160	---	---
		5580	19.120	5570.120	5589.240	---	---
		5700	18.320	5690.920	5709.240	---	---
		5720	19.360	5710.200	5729.560	---	---
		5720 UNII-2C	14.8	5710.200	5725	---	---
		5720 UNII-3	4.56	5725	5729.560	---	---
11N20MIMO	Ant1	5180	19.400	5170.280	5189.680	---	---
		5200	19.440	5190.280	5209.720	---	---
		5240	19.360	5230.360	5249.720	---	---
		5260	19.200	5250.400	5269.600	---	---
		5280	19.200	5270.360	5289.560	---	---
		5320	19.320	5310.400	5329.720	---	---
		5500	19.520	5490.200	5509.720	---	---
		5580	19.840	5570.000	5589.840	---	---
		5700	19.600	5690.360	5709.960	---	---
		5720	19.320	5710.360	5729.680	---	---
		5720 UNII-2C	14.64	5710.360	5725	---	---
		5720 UNII-3	4.68	5725	5729.680	---	---
11N40MIMO	Ant1	5190	38.800	5170.800	5209.600	---	---
		5230	39.040	5210.640	5249.680	---	---
		5270	39.120	5250.560	5289.680	---	---
		5310	39.120	5290.400	5329.520	---	---
		5510	39.200	5490.320	5529.520	---	---
		5550	39.120	5530.560	5569.680	---	---
		5670	38.880	5650.560	5689.440	---	---
		5710	38.800	5690.640	5729.440	---	---
		5710 UNII-2C	34.36	5690.640	5725	---	---
		5710 UNII-3	4.44	5725	5729.440	---	---
11AC20MIMO	Ant1	5180	19.320	5170.280	5189.600	---	---
		5200	19.440	5190.360	5209.800	---	---
		5240	19.200	5230.400	5249.600	---	---
		5260	19.280	5250.400	5269.680	---	---
		5280	19.360	5270.360	5289.720	---	---
		5320	19.200	5310.320	5329.520	---	---
		5500	19.360	5490.280	5509.640	---	---
		5580	20.800	5570.320	5591.120	---	---
		5700	19.120	5690.480	5709.600	---	---
		5720	19.240	5710.360	5729.600	---	---
		5720 UNII-2C	14.64	5710.360	5725	---	---
		5720 UNII-3	4.6	5725	5729.600	---	---
11AC40MIMO	Ant1	5190	39.200	5170.480	5209.680	---	---
		5230	38.960	5210.560	5249.520	---	---
		5270	39.040	5250.560	5289.600	---	---
		5310	39.120	5290.400	5329.520	---	---
		5510	39.440	5490.240	5529.680	---	---
		5550	39.040	5530.480	5569.520	---	---
		5670	39.040	5650.560	5689.600	---	---
		5710	38.560	5690.720	5729.280	---	---
		5710 UNII-2C	34.28	5690.720	5725	---	---
		5710 UNII-3	4.28	5725	5729.280	---	---
11AC80MIMO	Ant1	5210	81.440	5169.520	5250.960	---	---
		5290	81.120	5249.200	5330.320	---	---
		5530	80.800	5489.680	5570.480	---	---

		5610	85.280	5566.160	5651.440	---	---
		5690	90.400	5645.200	5735.600	---	---
		5690_UNII-2C	79.8	5645.200	5725	---	---
		5690_UNII-3	10.6	5725	5735.600	---	---

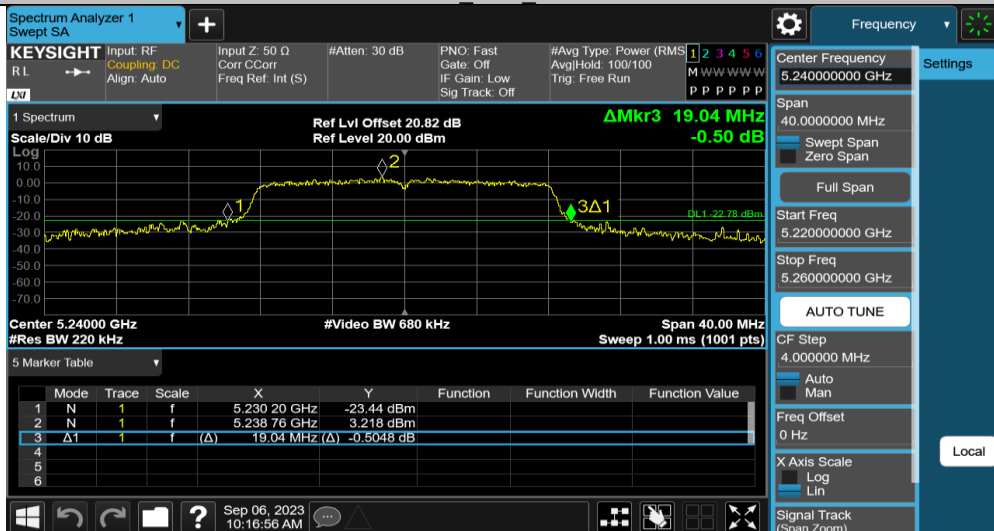
11A_Ant1_5180



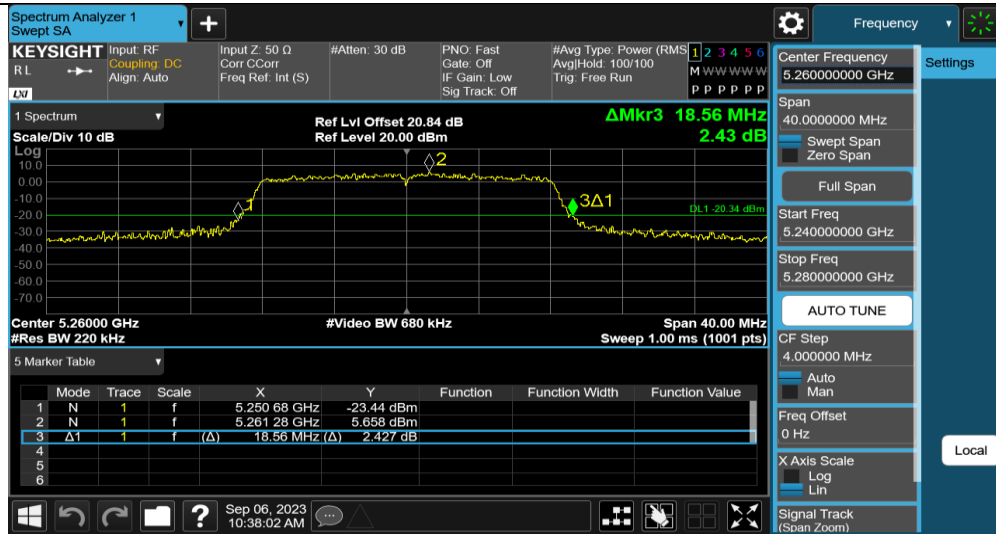
11A_Ant1_5200



11A_Ant1_5240



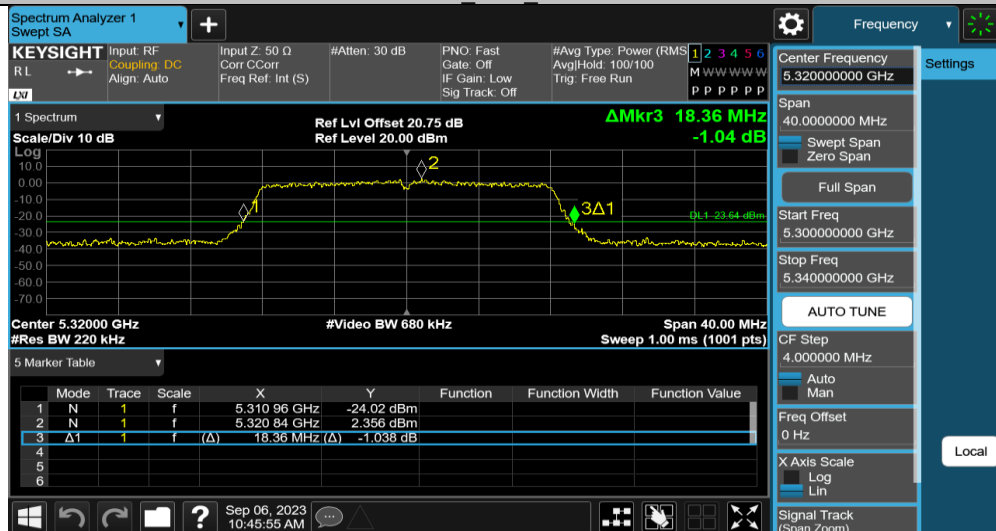
11A_Ant1_5260



11A_Ant1_5280



11A_Ant1_5320



11A_Ant1_5500