







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
		5825	NV	NT	-11000.00	-1.888412	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
		5795	NV	NT	-15000.00	-2.588438	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
11AC80MIMO	Ant1	5795	NV	0	-15000.00	-2.588438	20	PASS
			NV	40	-15000.00	-2.588438	20	PASS
		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
11N40MIMO	Ant1	5825	25.120	5812.000	5837.120	---	PASS
		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
11AC40MIMO	Ant1	5825	25.000	5812.160	5837.160	---	PASS
		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

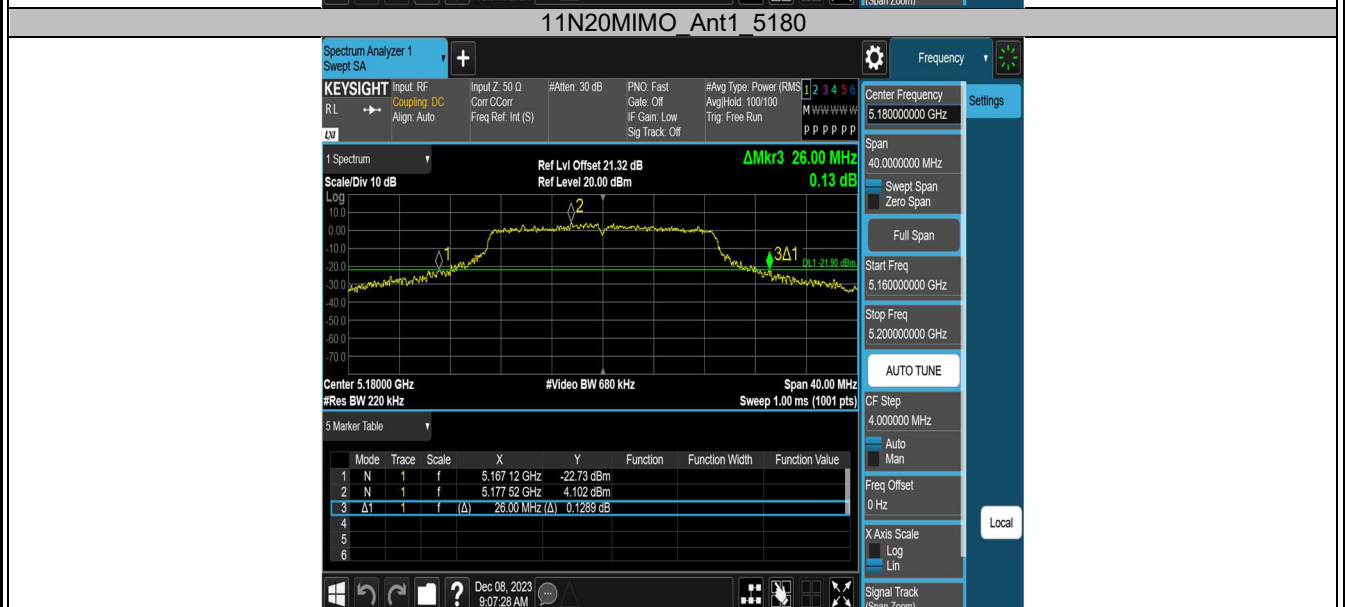


11A_Ant1_5260













11N20MIMO Ant1 5580



11N20MIMO Ant1 5700



11N20MIMO Ant1 5745



11N20MIMO Ant1 5785



11N20MIMO Ant1 5825

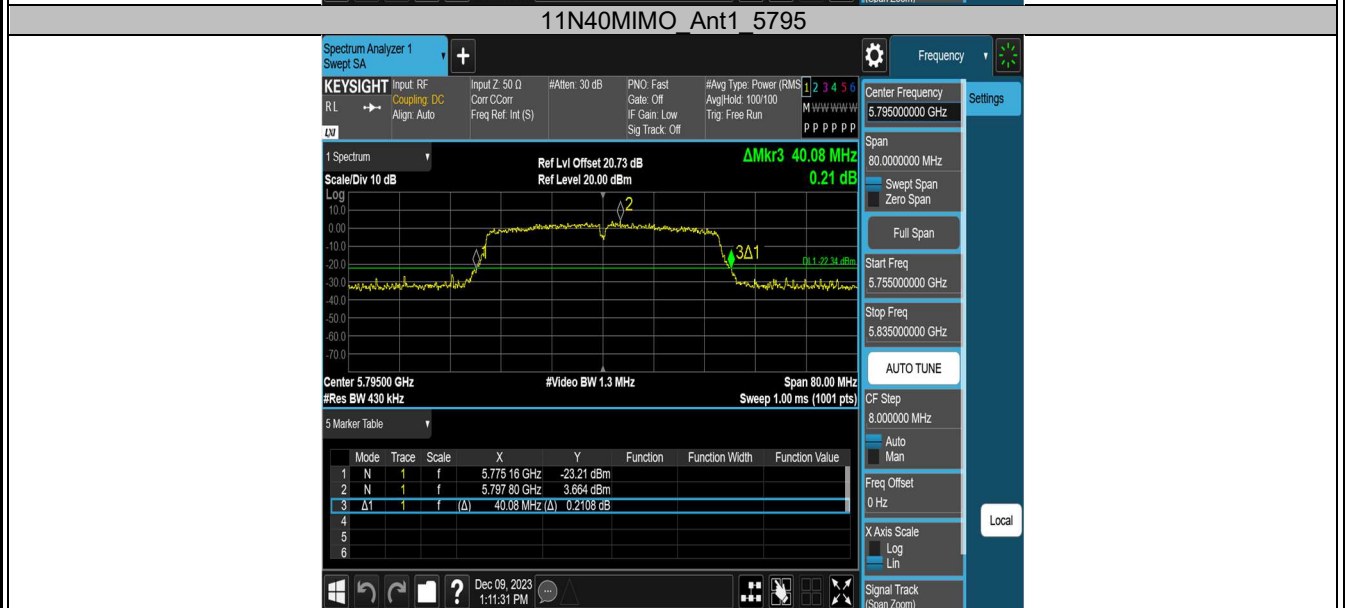
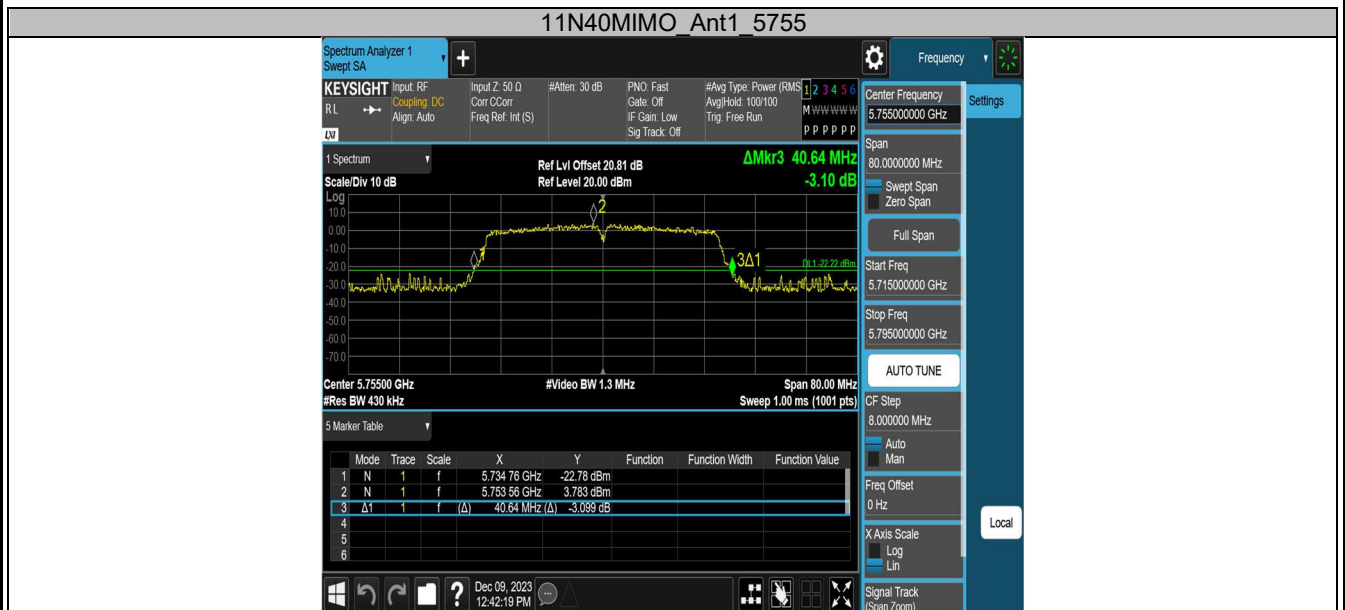


11N40MIMO Ant1 5190









11AC20MIMO_Ant1_5200



11AC20MIMO_Ant1_5240



11AC20MIMO_Ant1_5260

