

RF Test Data for RLAN(UNII2A&2C) (Conducted Measurement)

Product Name: 4K HDMI dongle

Trade Mark: Homatics

Test Model: SN8BAGC

FCC ID: 2AOVU-DONGLEQ

Environmental Conditions

Temperature:	24.3℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Note	N/A

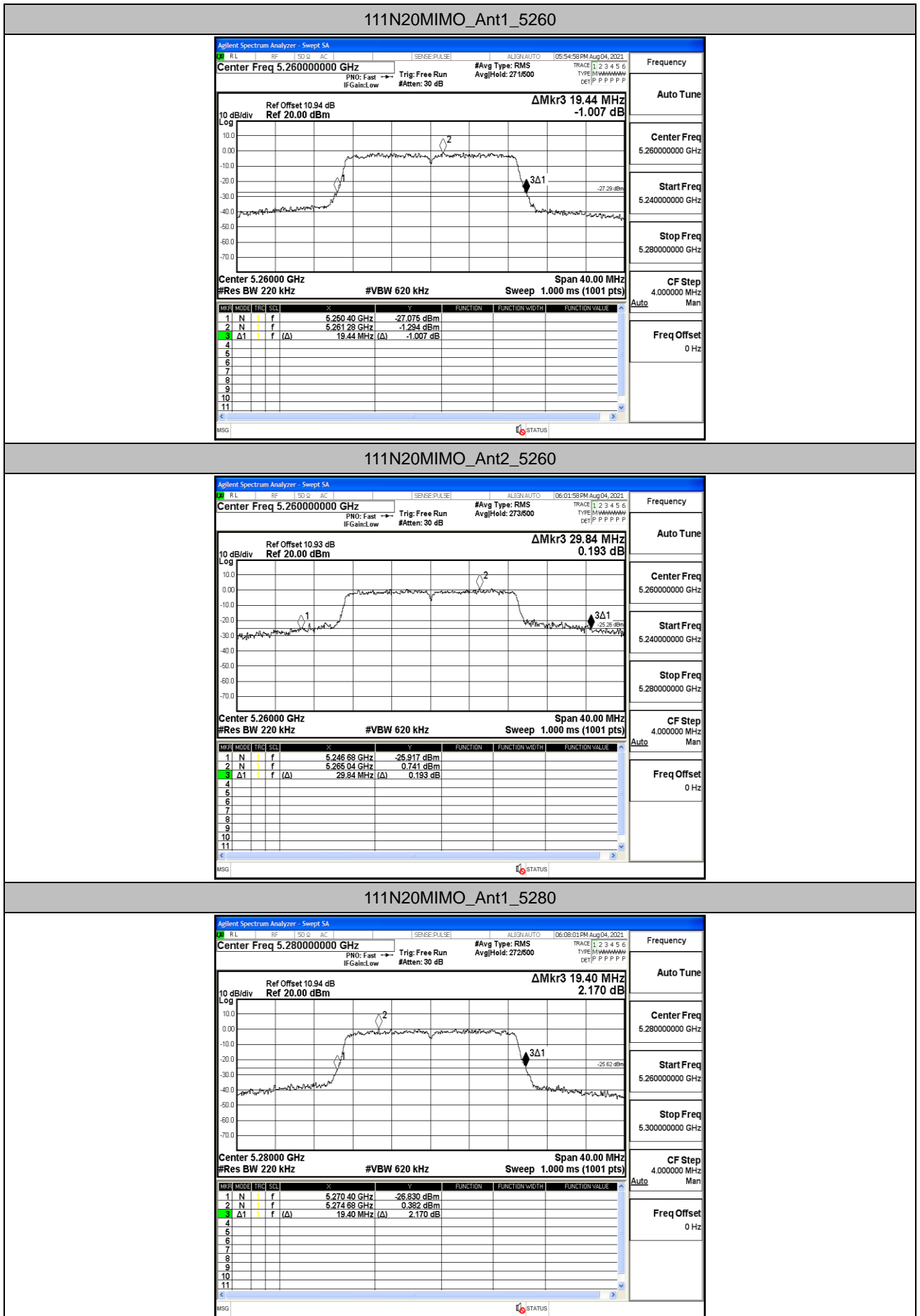
Appendix A1: Emission Bandwidth

Test Result

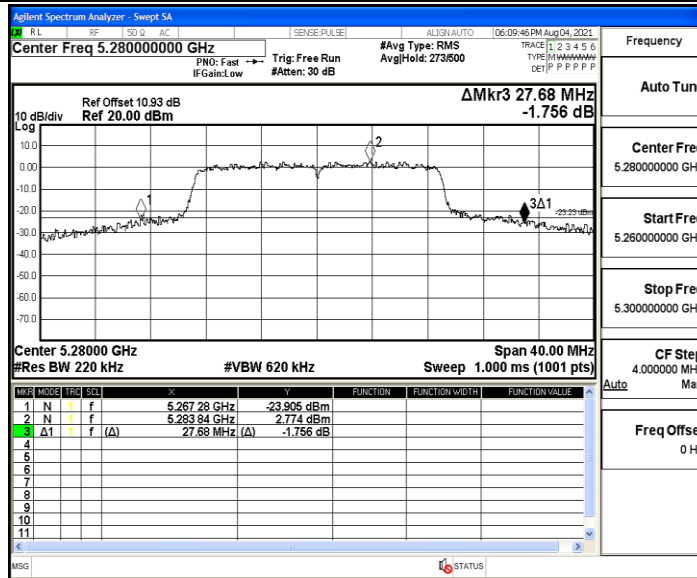
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
111N20MIMO	Ant1	5260	19.440	5250.400	5269.840	---	PASS
	Ant2	5260	29.840	5246.680	5276.520	---	PASS
	Ant1	5280	19.400	5270.400	5289.800	---	PASS
	Ant2	5280	27.680	5267.280	5294.960	---	PASS
	Ant1	5320	19.400	5310.400	5329.800	---	PASS
	Ant2	5320	23.360	5310.240	5333.600	---	PASS
	Ant1	5500	22.800	5490.320	5513.120	---	PASS
	Ant2	5500	19.440	5490.400	5509.840	---	PASS
	Ant1	5580	39.480	5560.440	5599.920	---	PASS
	Ant2	5580	19.640	5570.320	5589.960	---	PASS
	Ant1	5700	23.800	5687.920	5711.720	---	PASS
	Ant2	5700	19.360	5690.360	5709.720	---	PASS
11A	Ant1	5260	18.480	5250.840	5269.320	---	PASS
	Ant2	5260	25.480	5248.080	5273.560	---	PASS
	Ant1	5280	18.480	5270.880	5289.360	---	PASS
	Ant2	5280	22.160	5270.520	5292.680	---	PASS
	Ant1	5320	18.280	5310.960	5329.240	---	PASS
	Ant2	5320	23.360	5309.520	5332.880	---	PASS
	Ant1	5500	18.520	5490.920	5509.440	---	PASS
	Ant2	5500	18.440	5490.840	5509.280	---	PASS
	Ant1	5580	18.520	5570.840	5589.360	---	PASS
	Ant2	5580	18.520	5570.840	5589.360	---	PASS
	Ant1	5700	27.800	5687.120	5714.920	---	PASS
	Ant2	5700	18.480	5690.720	5709.200	---	PASS
11N40MIMO	Ant1	5270	40.720	5249.680	5290.400	---	PASS
	Ant2	5270	48.320	5249.520	5297.840	---	PASS
	Ant1	5310	41.760	5289.040	5330.800	---	PASS
	Ant2	5310	41.280	5289.520	5330.800	---	PASS
	Ant1	5510	41.120	5489.600	5530.720	---	PASS
	Ant2	5510	40.800	5489.680	5530.480	---	PASS
	Ant1	5550	63.920	5513.680	5577.600	---	PASS
	Ant2	5550	41.200	5529.600	5570.800	---	PASS
	Ant1	5670	49.600	5648.800	5698.400	---	PASS
	Ant2	5670	41.840	5649.360	5691.200	---	PASS
11AC20MIMO	Ant1	5260	19.520	5250.320	5269.840	---	PASS
	Ant2	5260	33.680	5245.640	5279.320	---	PASS
	Ant1	5280	19.440	5270.360	5289.800	---	PASS
	Ant2	5280	23.640	5268.800	5292.440	---	PASS
	Ant1	5320	19.400	5310.440	5329.840	---	PASS
	Ant2	5320	25.240	5309.160	5334.400	---	PASS

	Ant1	5500	19.440	5490.400	5509.840	---	PASS
	Ant2	5500	19.600	5490.320	5509.920	---	PASS
	Ant1	5580	19.560	5570.320	5589.880	---	PASS
	Ant2	5580	19.400	5570.400	5589.800	---	PASS
	Ant1	5700	23.440	5688.200	5711.640	---	PASS
	Ant2	5700	19.400	5690.360	5709.760	---	PASS
11AC40MIMO	Ant1	5270	40.880	5249.680	5290.560	---	PASS
	Ant2	5270	40.160	5250.080	5290.240	---	PASS
	Ant1	5310	42.000	5288.640	5330.640	---	PASS
	Ant2	5310	41.040	5289.520	5330.560	---	PASS
	Ant1	5510	41.120	5489.600	5530.720	---	PASS
	Ant2	5510	40.640	5489.600	5530.240	---	PASS
	Ant1	5550	41.040	5529.600	5570.640	---	PASS
	Ant2	5550	40.880	5529.680	5570.560	---	PASS
	Ant1	5670	40.800	5649.840	5690.640	---	PASS
	Ant2	5670	41.280	5649.520	5690.800	---	PASS
11AC80MIMO	Ant1	5290	80.640	5250.000	5330.640	---	PASS
	Ant2	5290	80.960	5250.000	5330.960	---	PASS
	Ant1	5530	83.520	5490.320	5573.840	---	PASS
	Ant2	5530	80.000	5490.160	5570.160	---	PASS
	Ant1	5610	126.080	5563.600	5689.680	---	PASS
	Ant2	5610	80.320	5569.840	5650.160	---	PASS

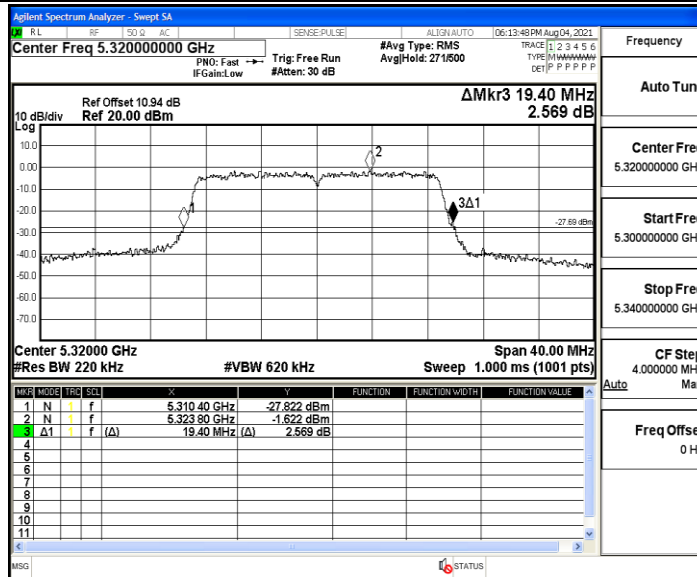
Test Graphs



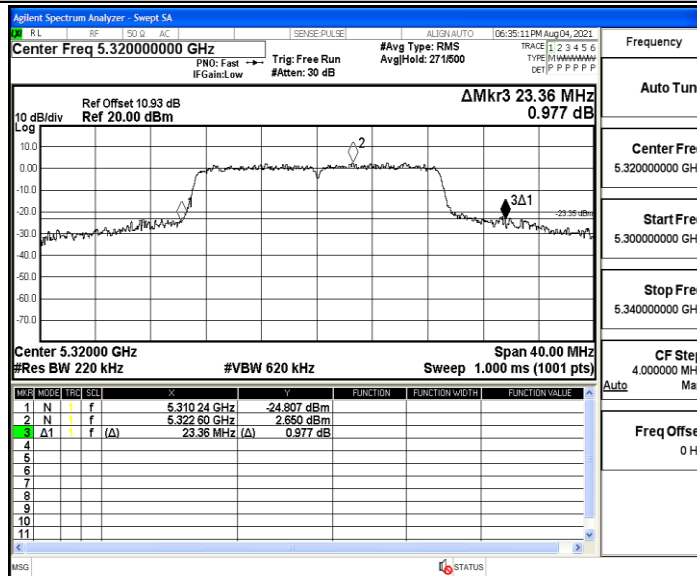
111N20MIMO_Ant2_5280



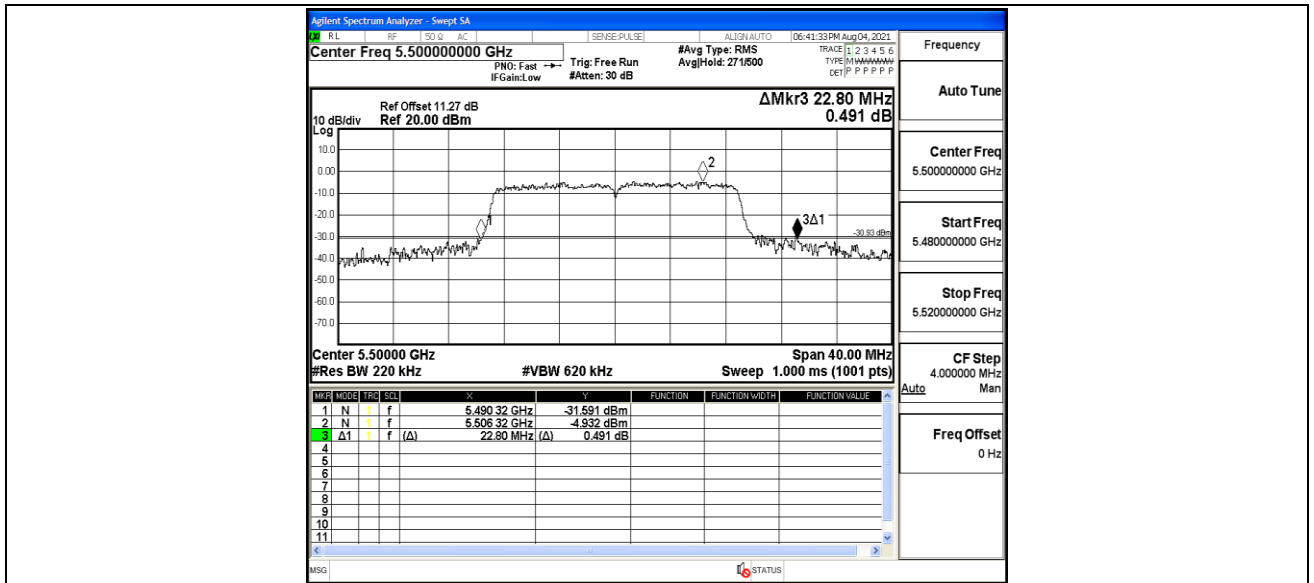
111N20MIMO_Ant1_5320



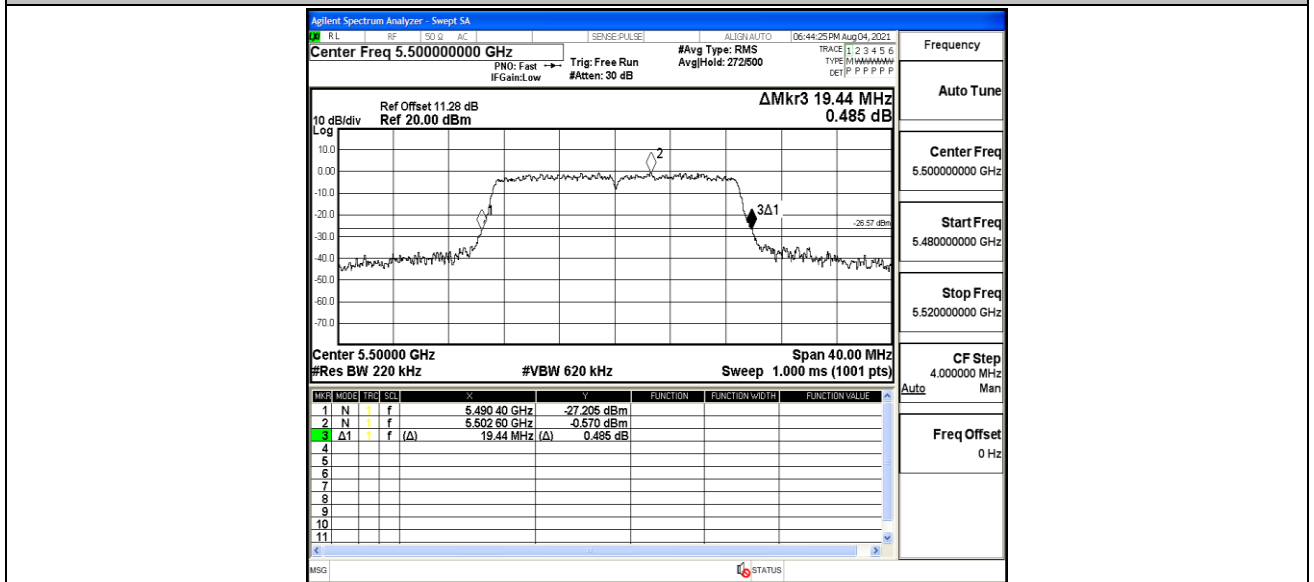
111N20MIMO_Ant2_5320



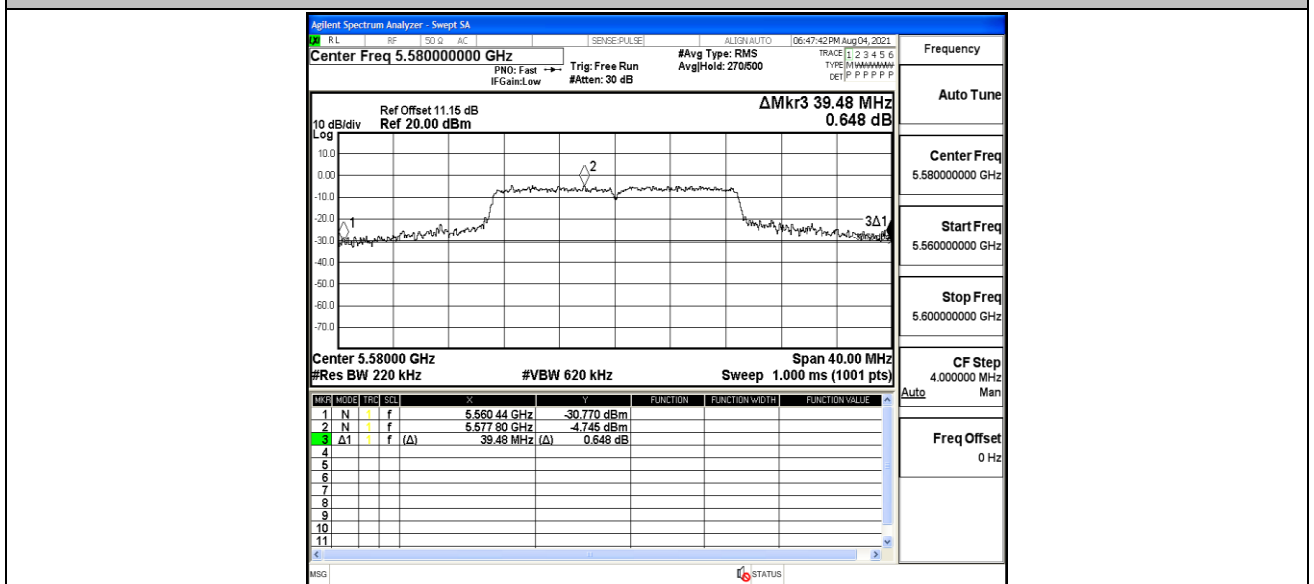
111N20MIMO_Ant1_5500



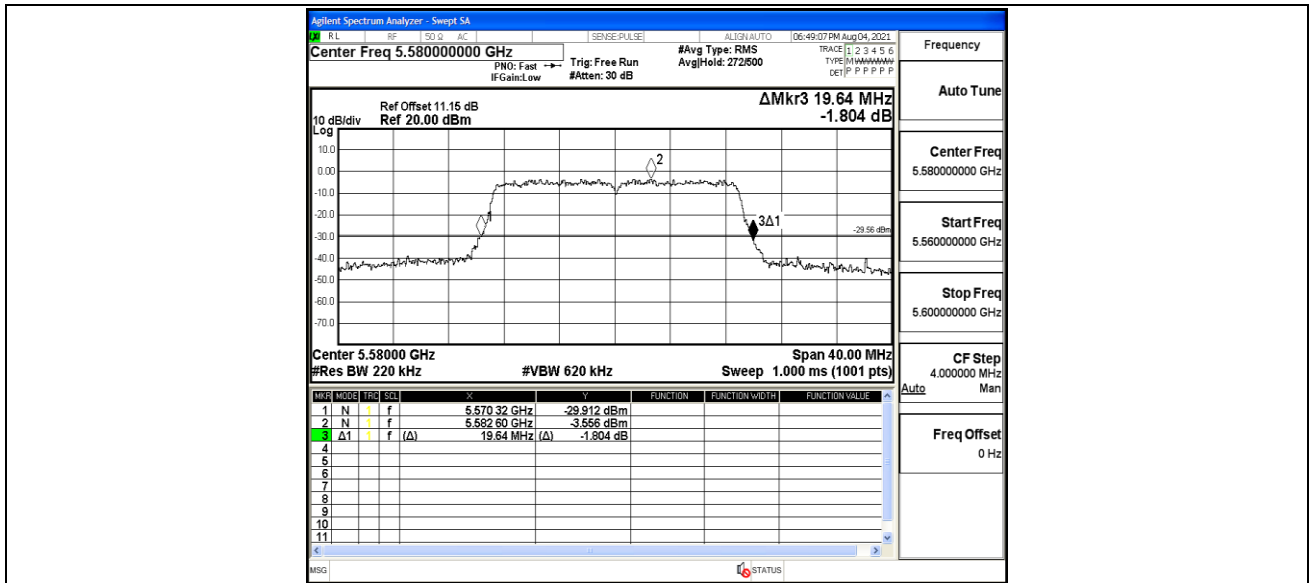
111N20MIMO_Ant2_5500



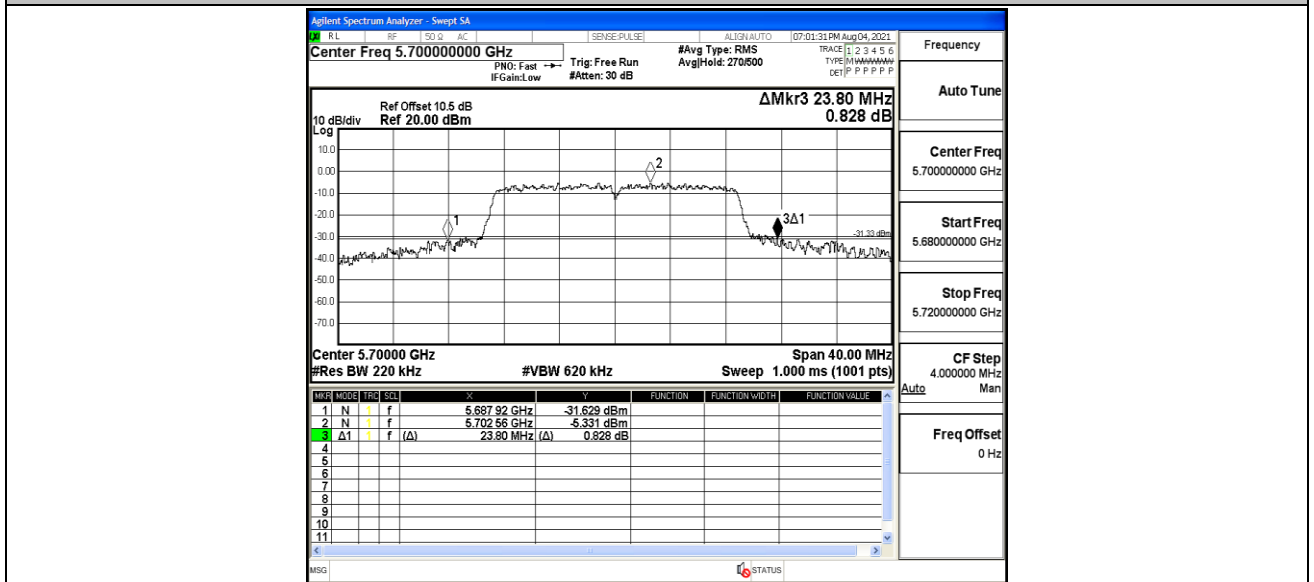
111N20MIMO_Ant1_5580



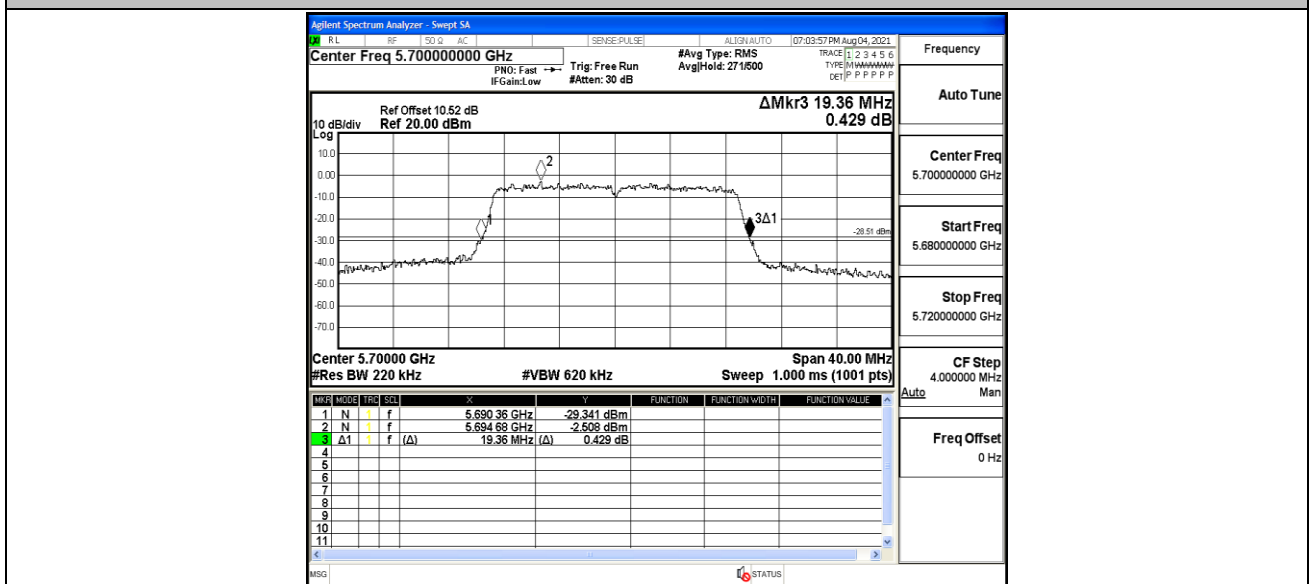
111N20MIMO_Ant2_5580



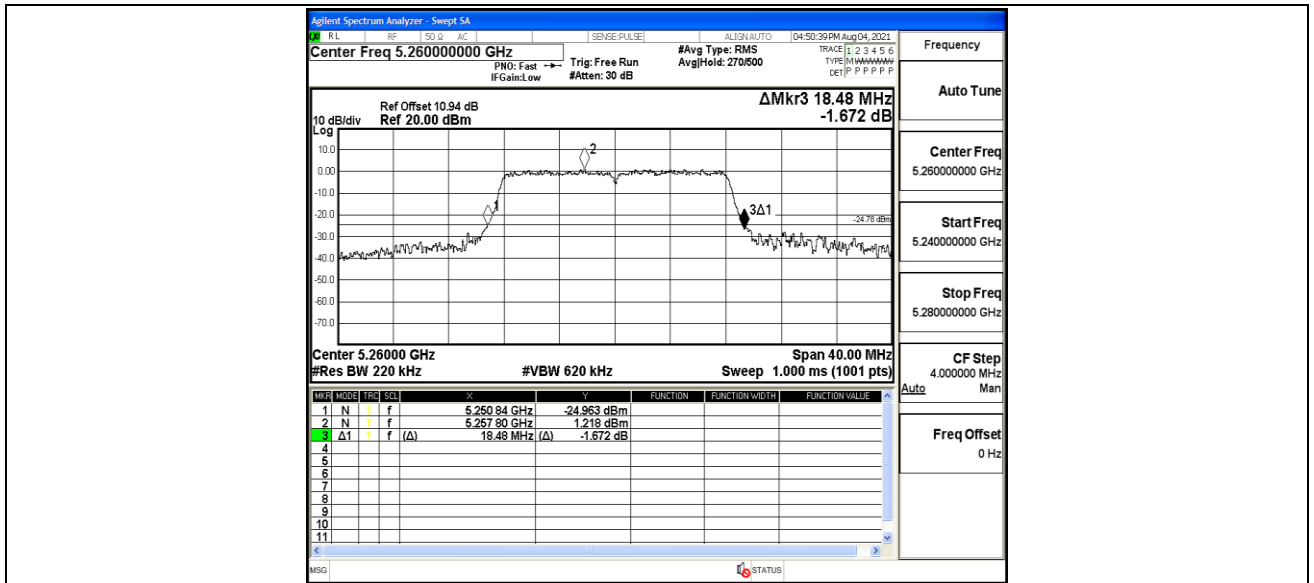
111N20MIMO_Ant1_5700



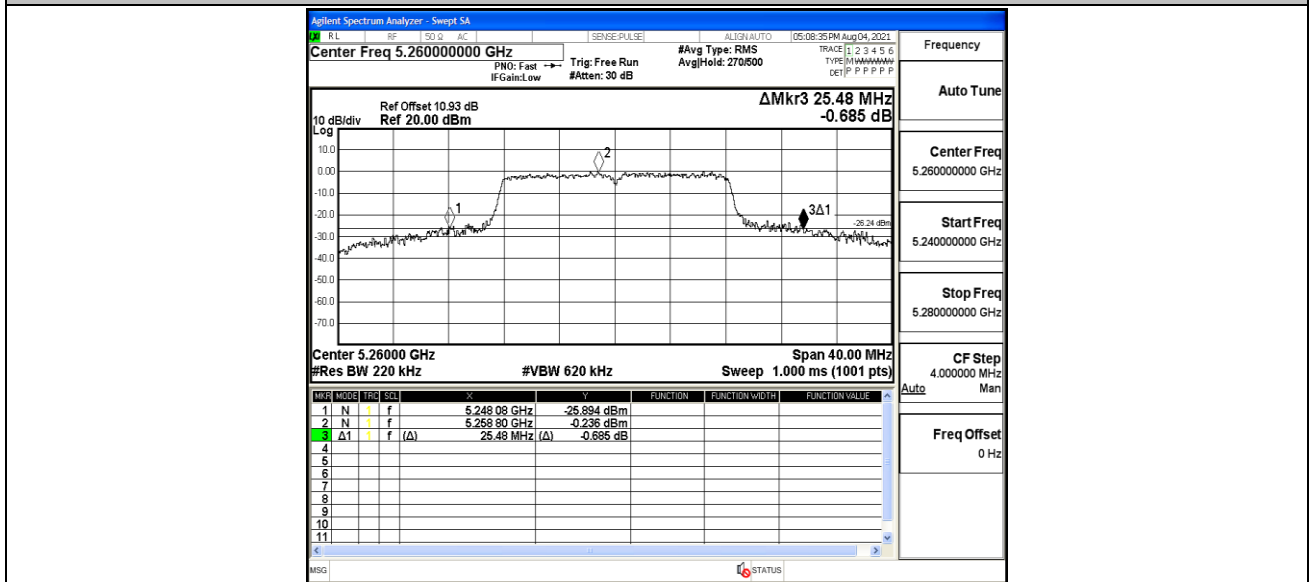
111N20MIMO_Ant2_5700



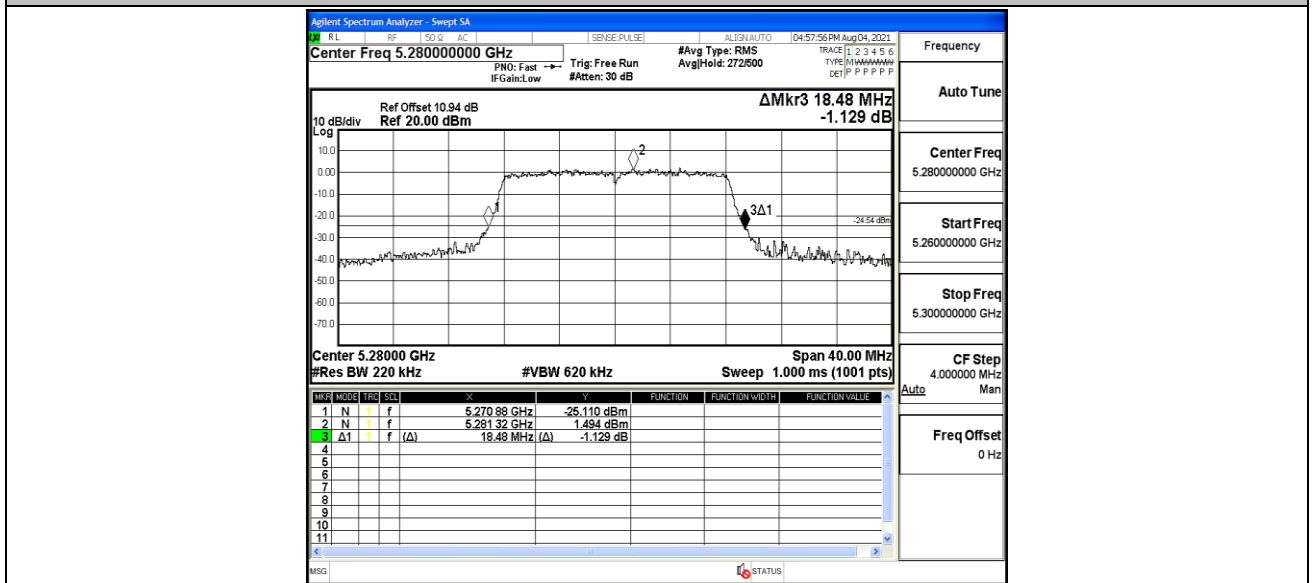
11A_Ant1_5260



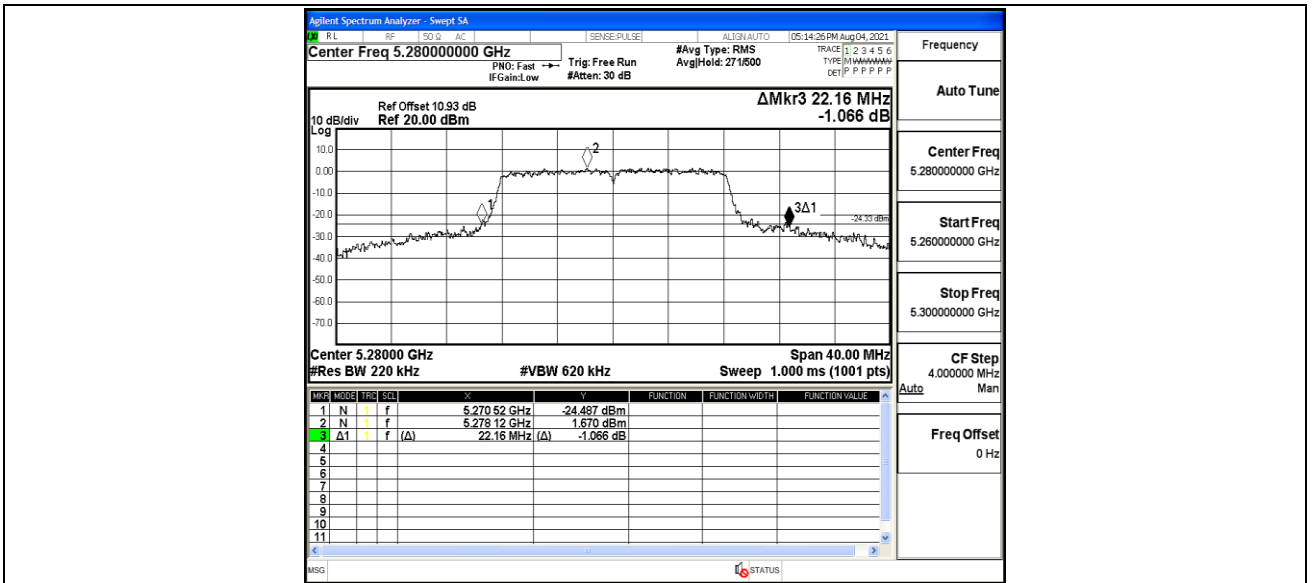
11A_Ant2_5260



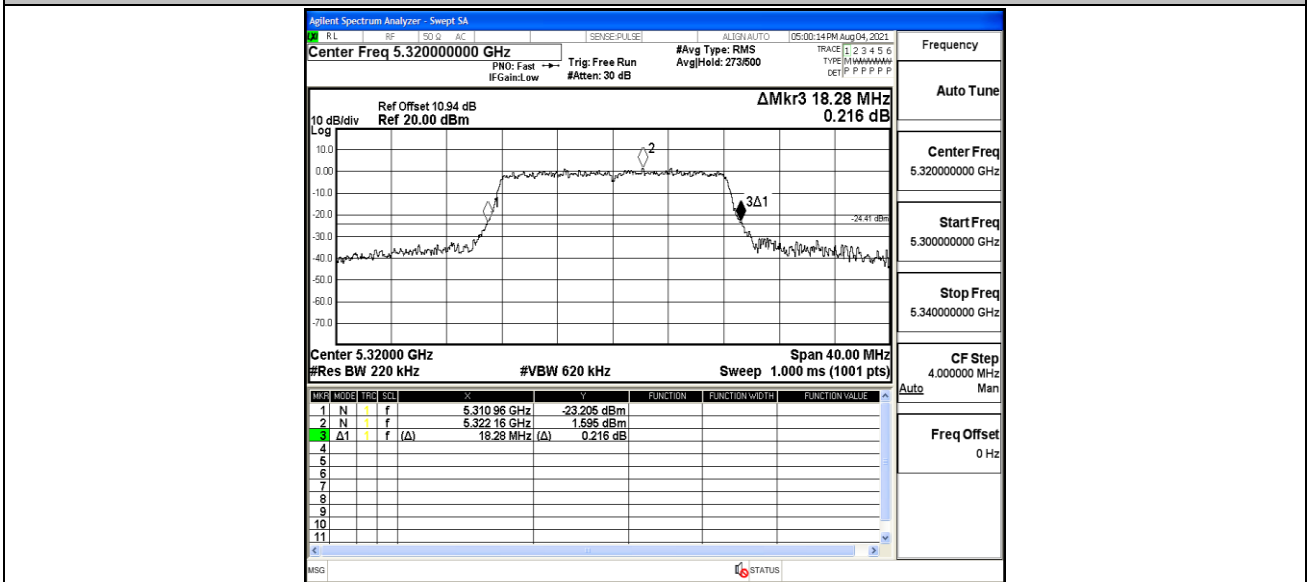
11A_Ant1_5280



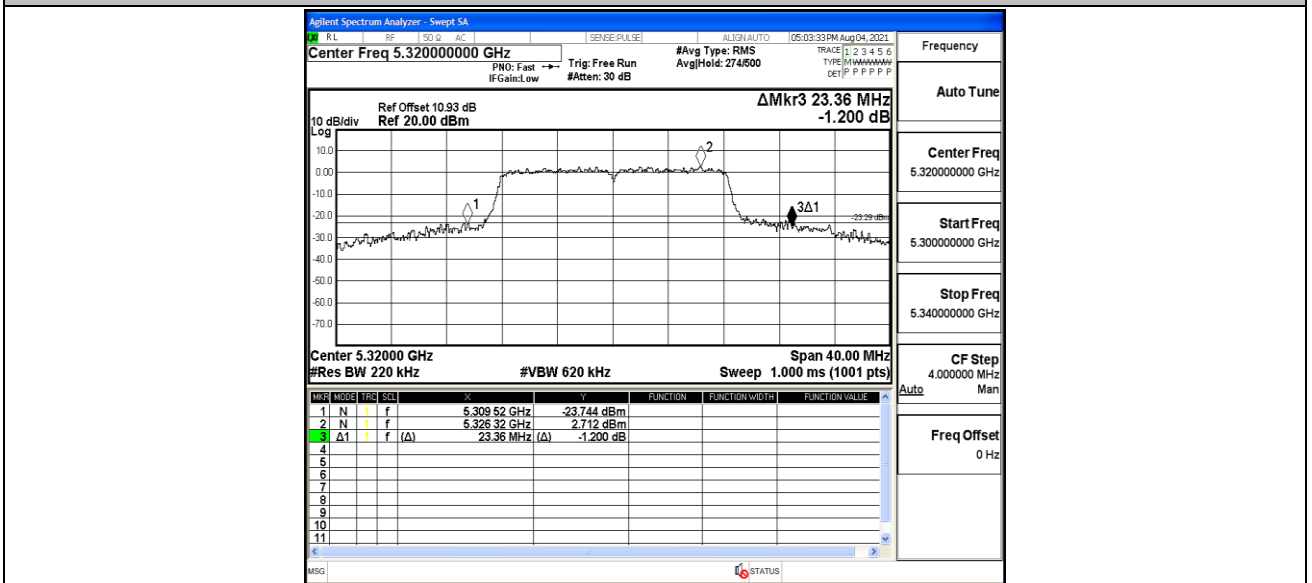
11A_Ant2_5280



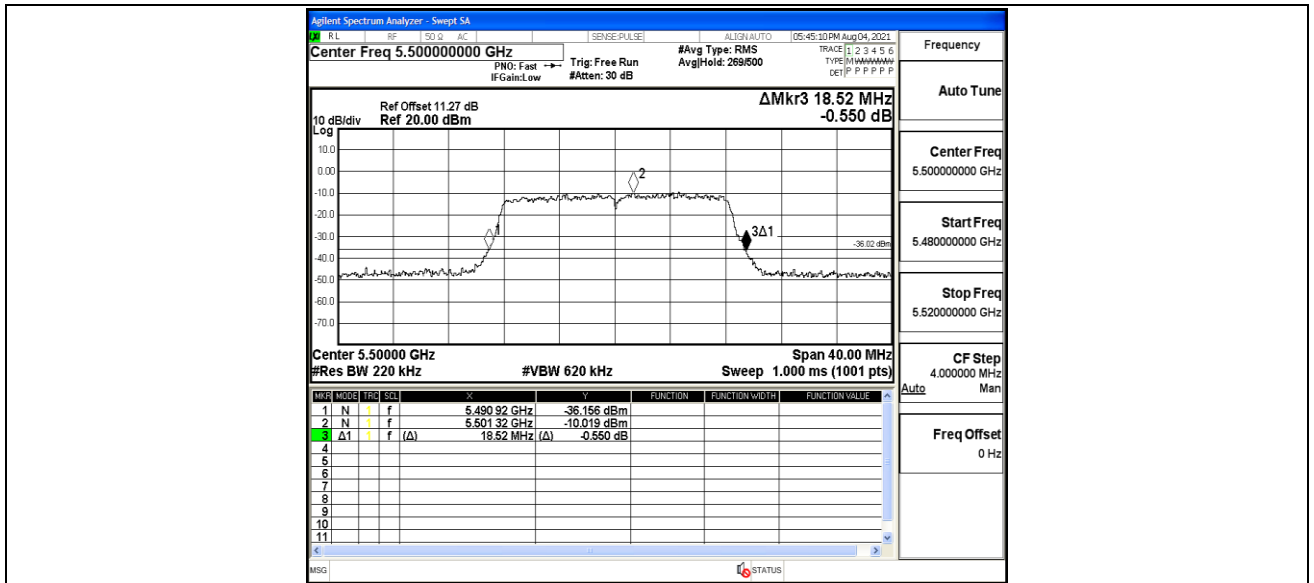
11A_Ant1_5320



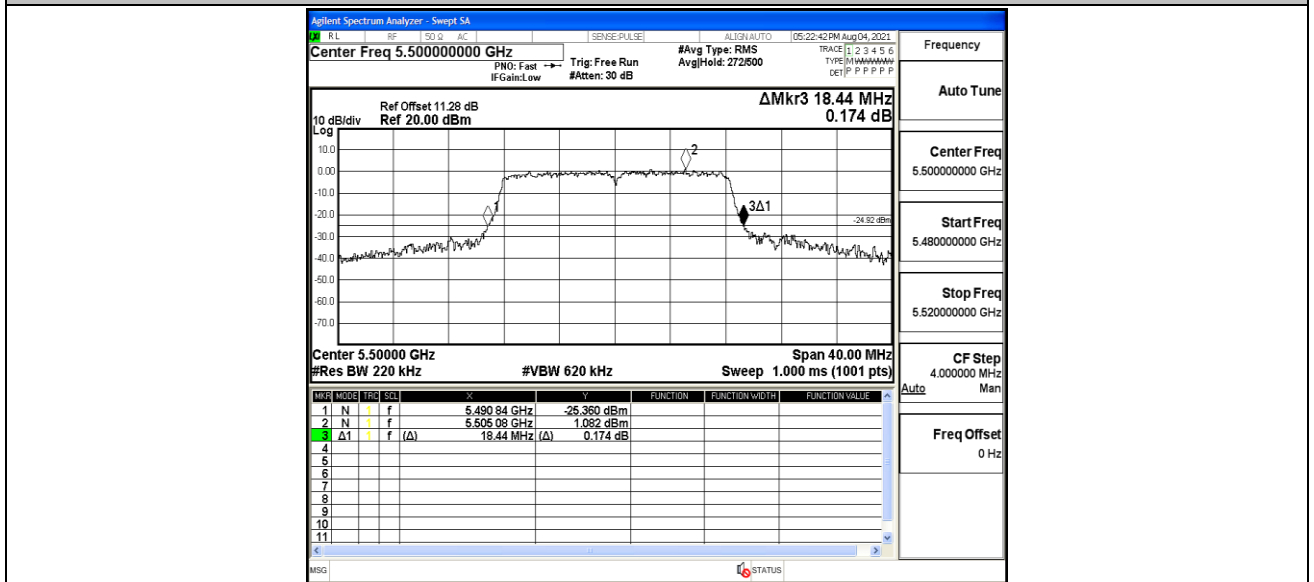
11A_Ant2_5320



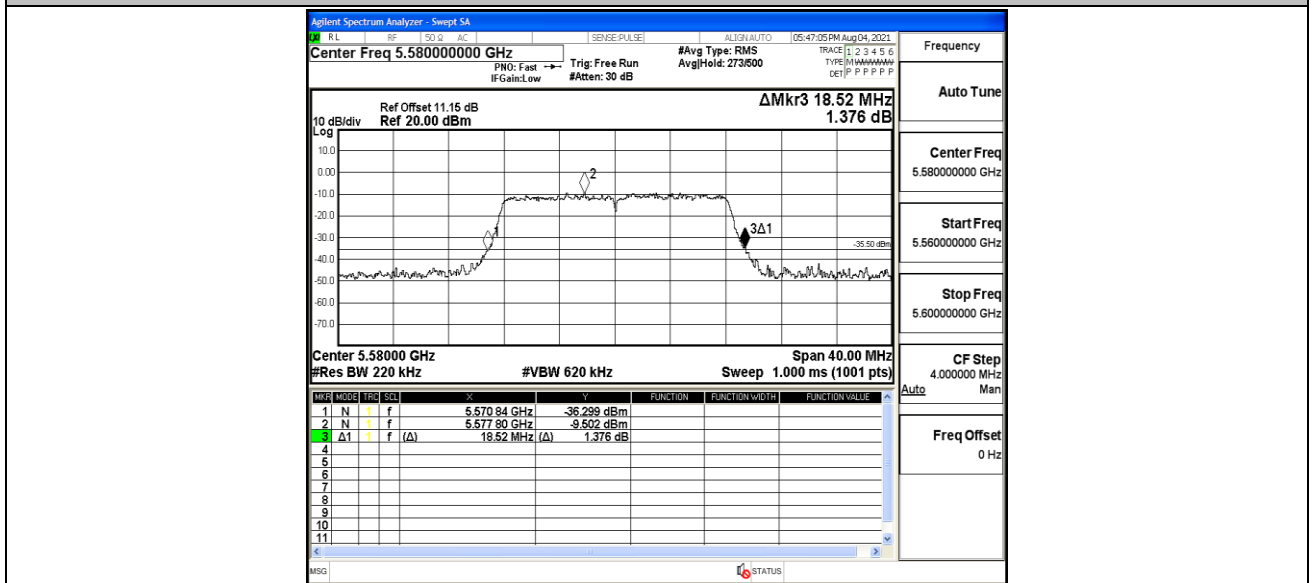
11A_Ant1_5500



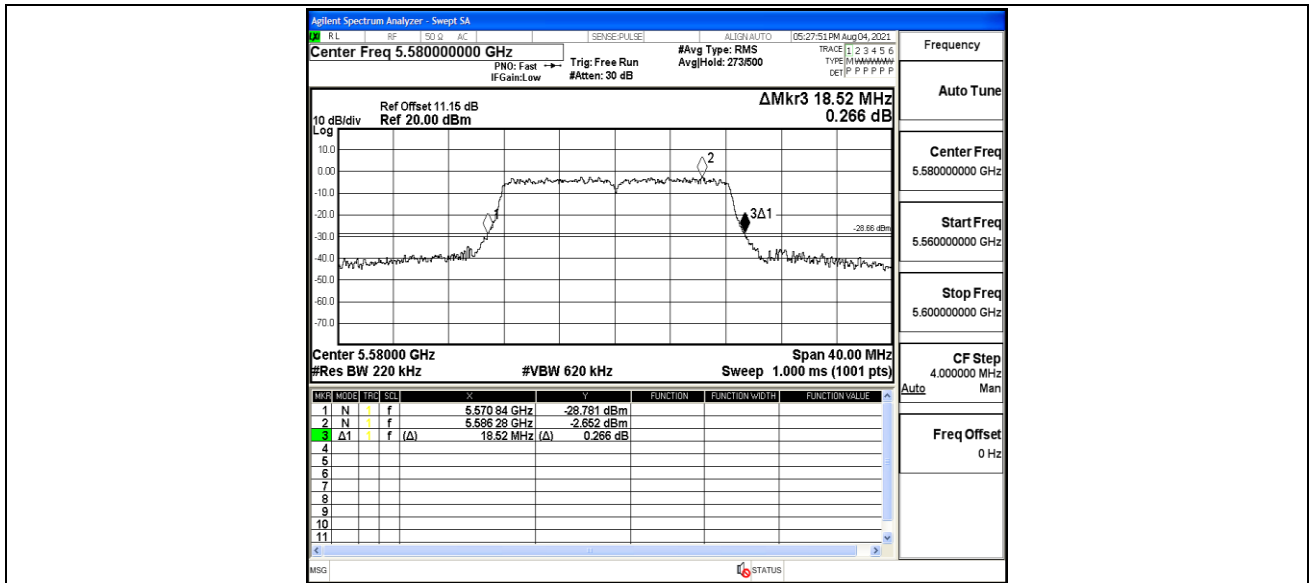
11A_Ant2_5500



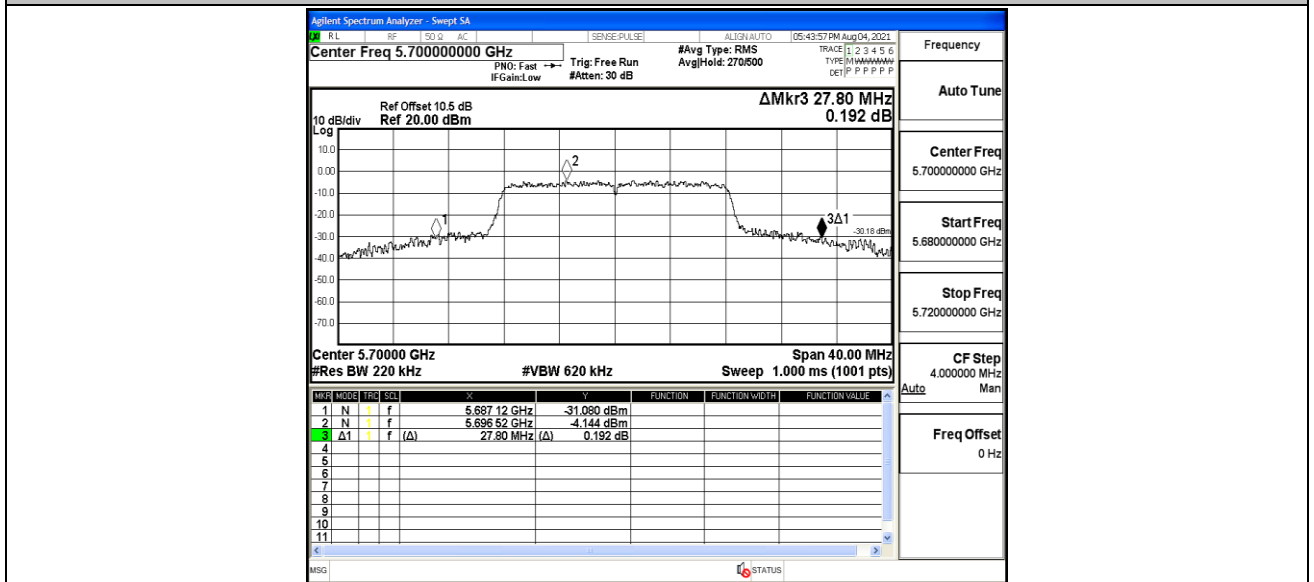
11A_Ant1_5580



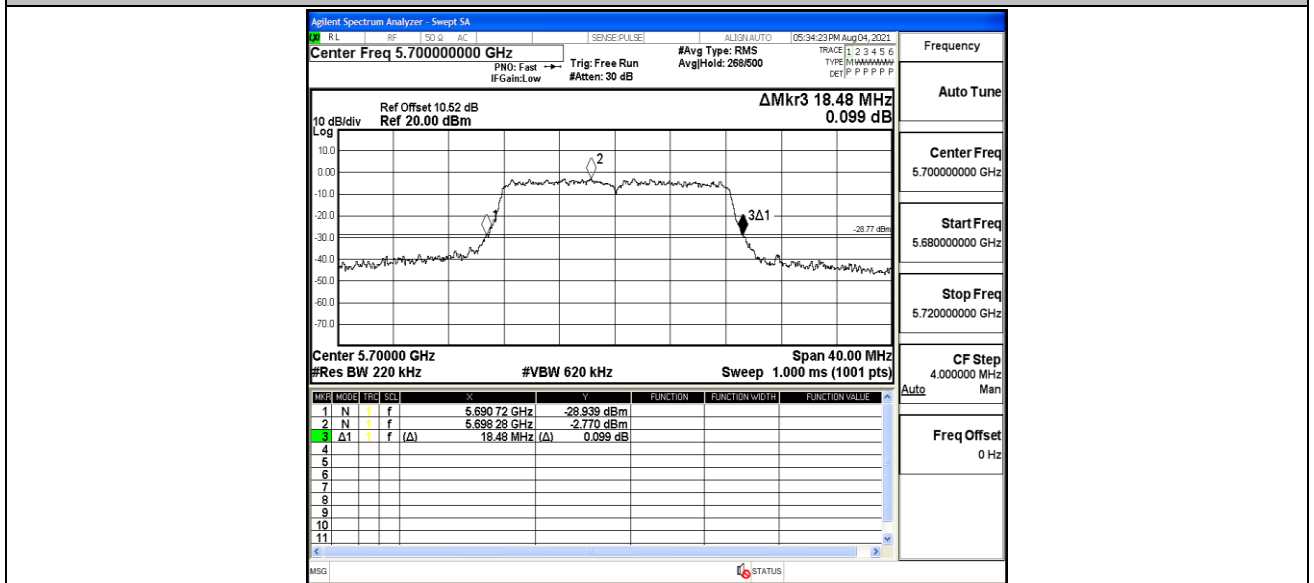
11A_Ant2_5580



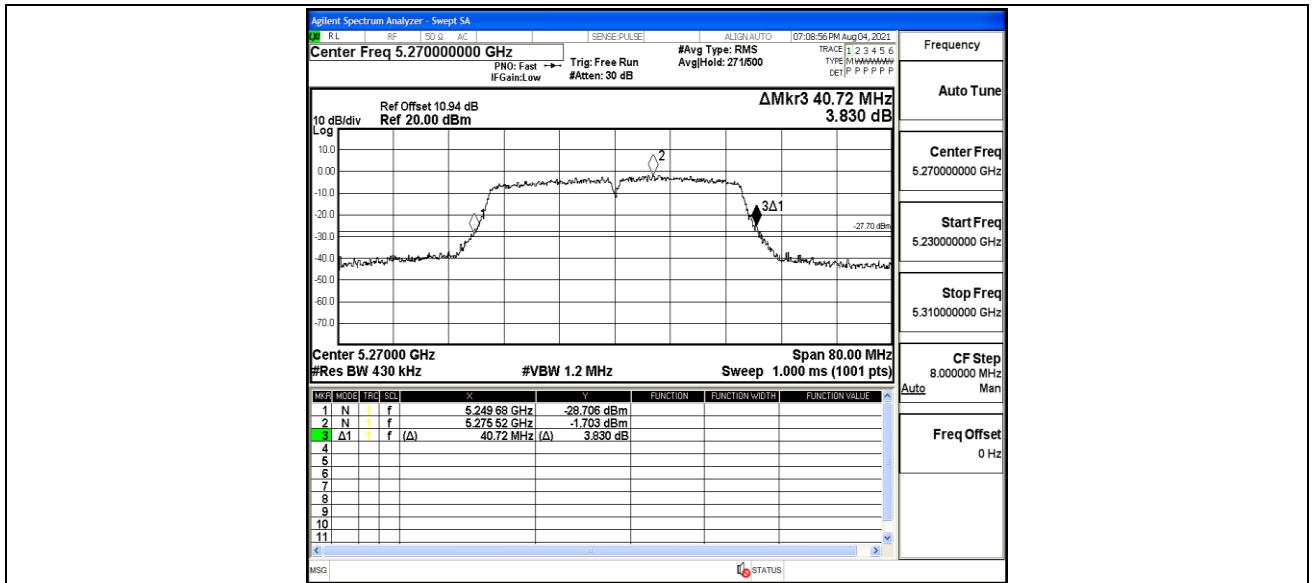
11A_Ant1_5700



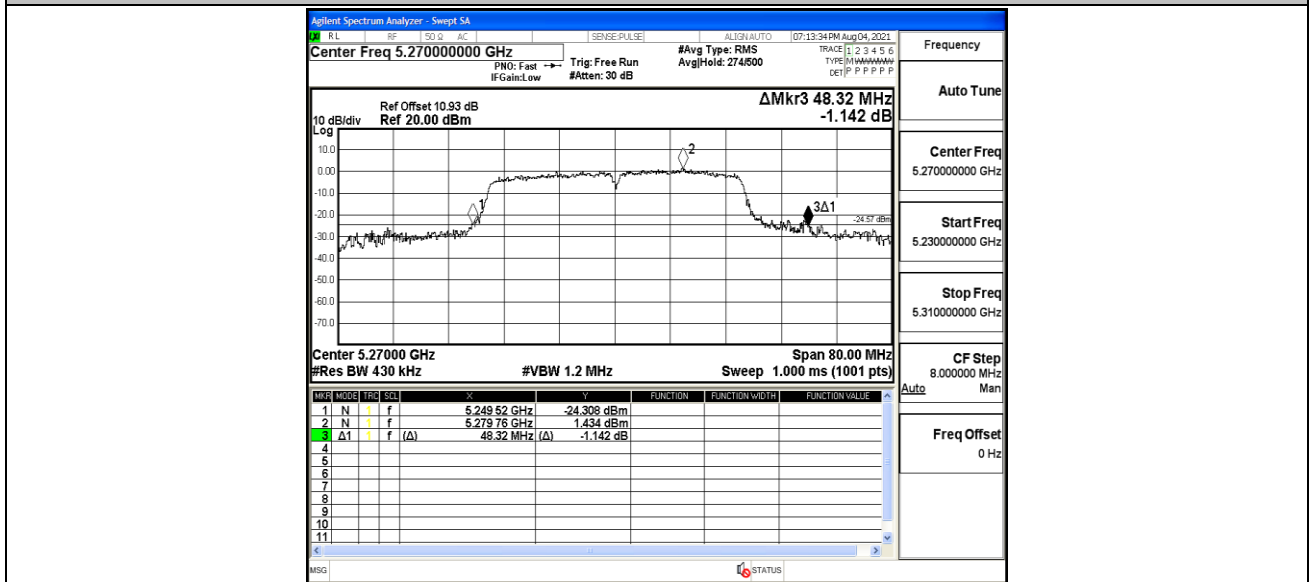
11A_Ant2_5700



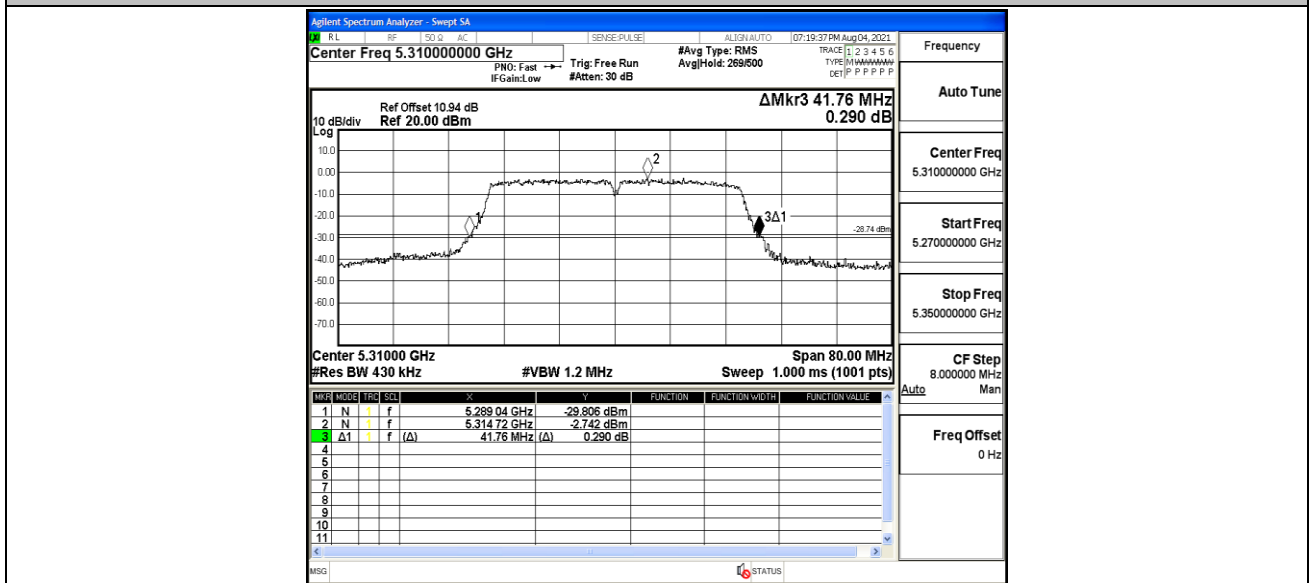
11N40MIMO_Ant1_5270



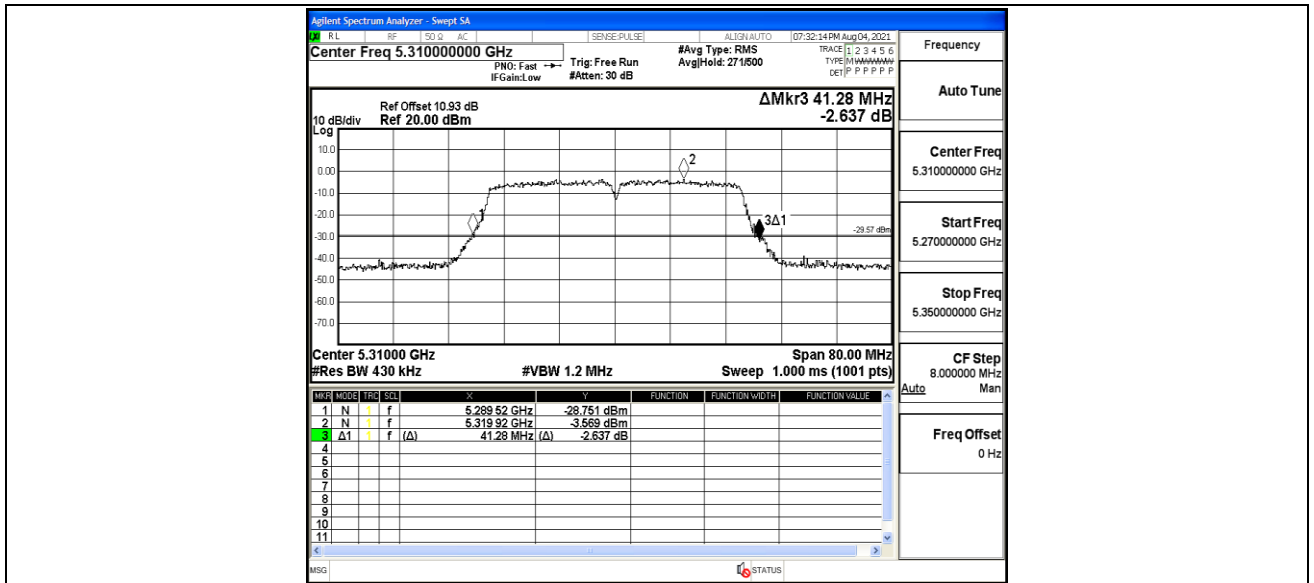
11N40MIMO_Ant2_5270



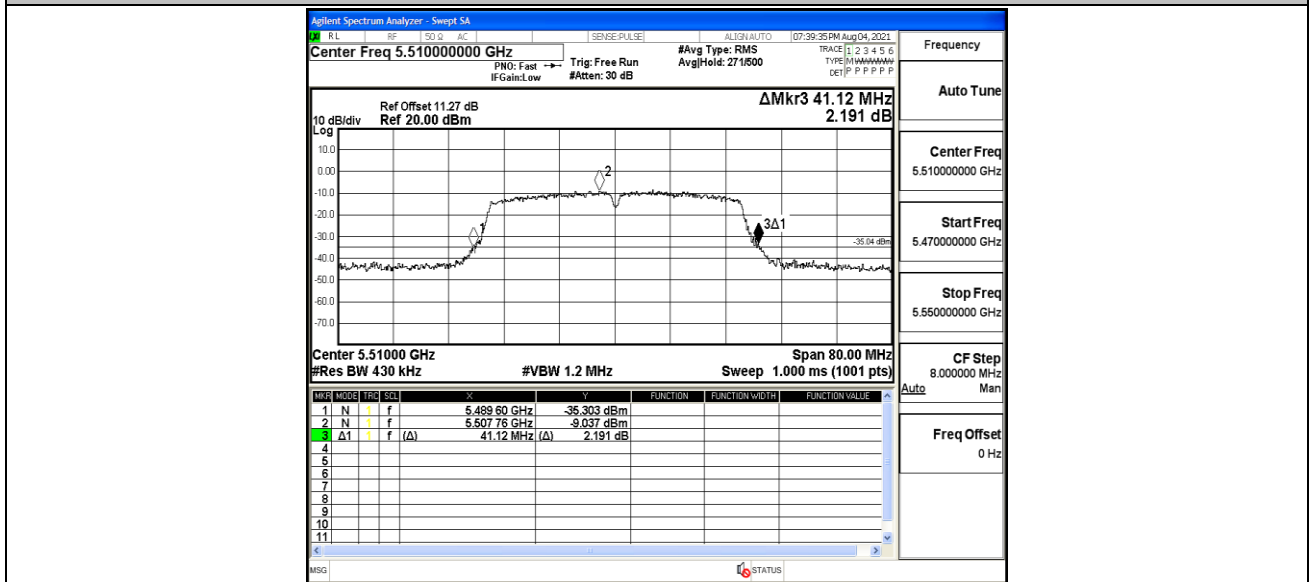
11N40MIMO_Ant1_5310



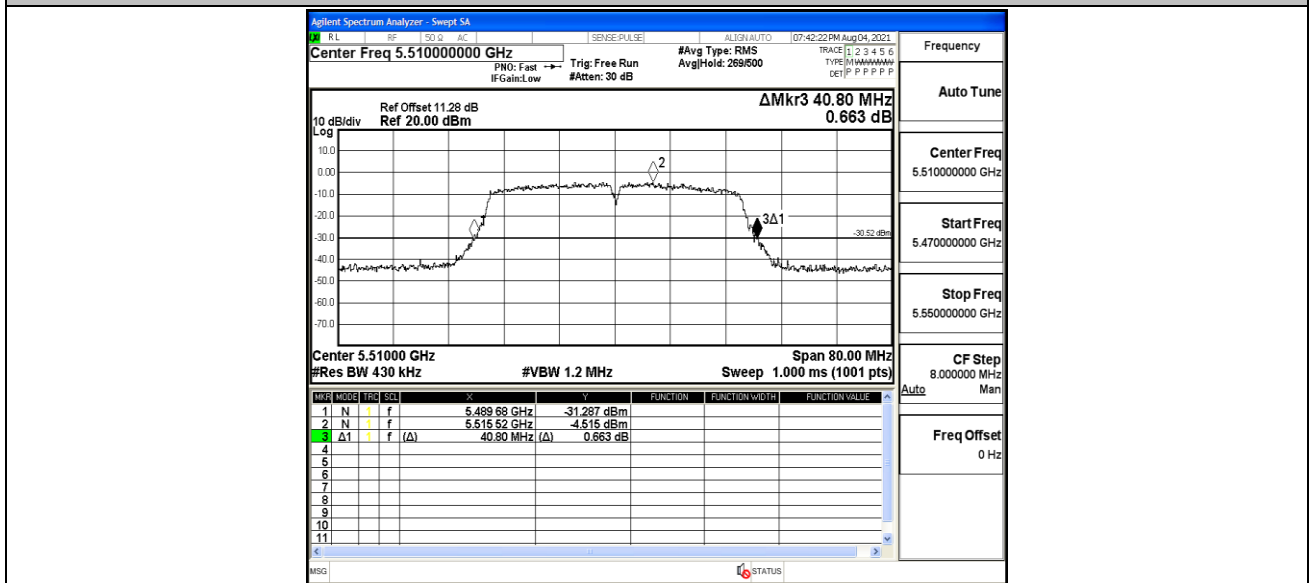
11N40MIMO_Ant2_5310



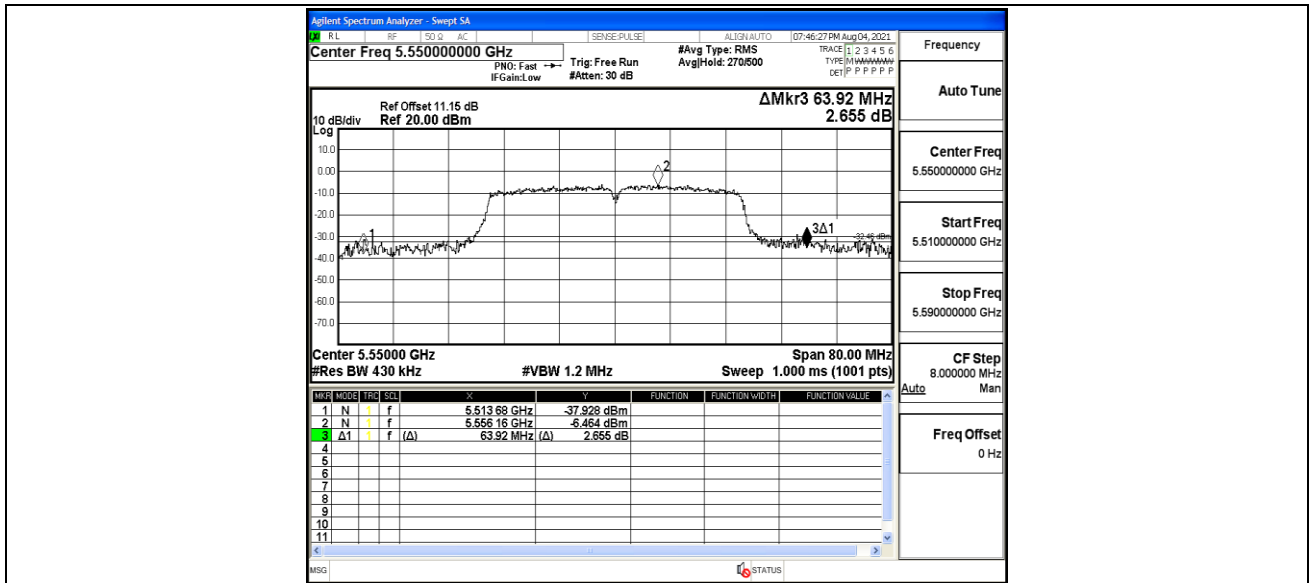
11N40MIMO_Ant1_5510



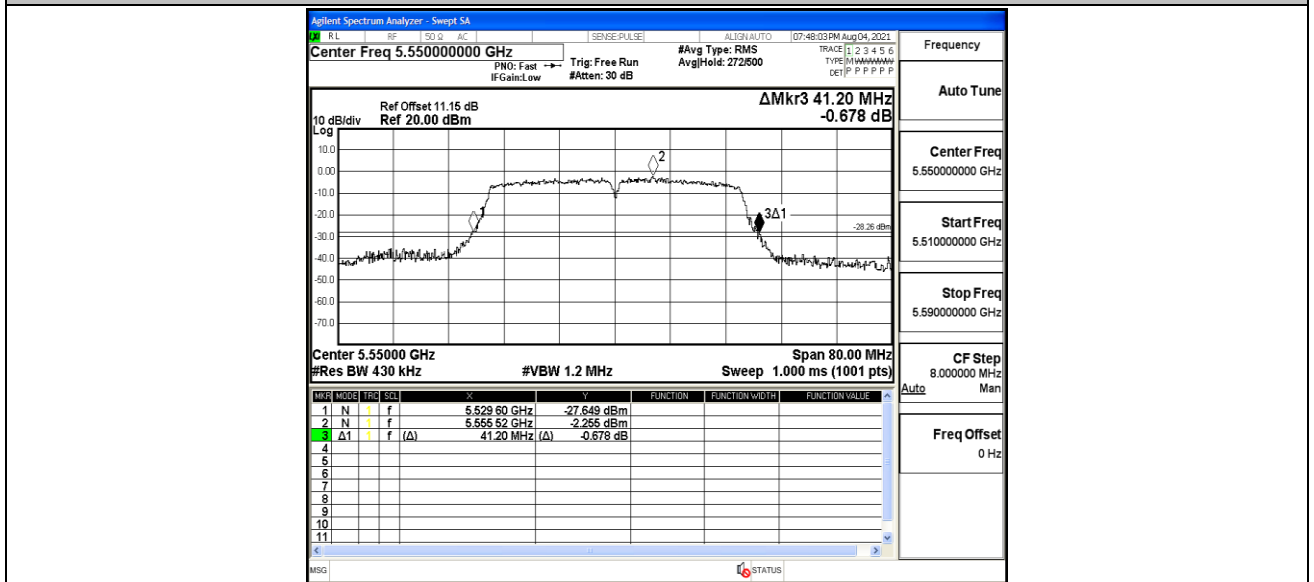
11N40MIMO_Ant2_5510



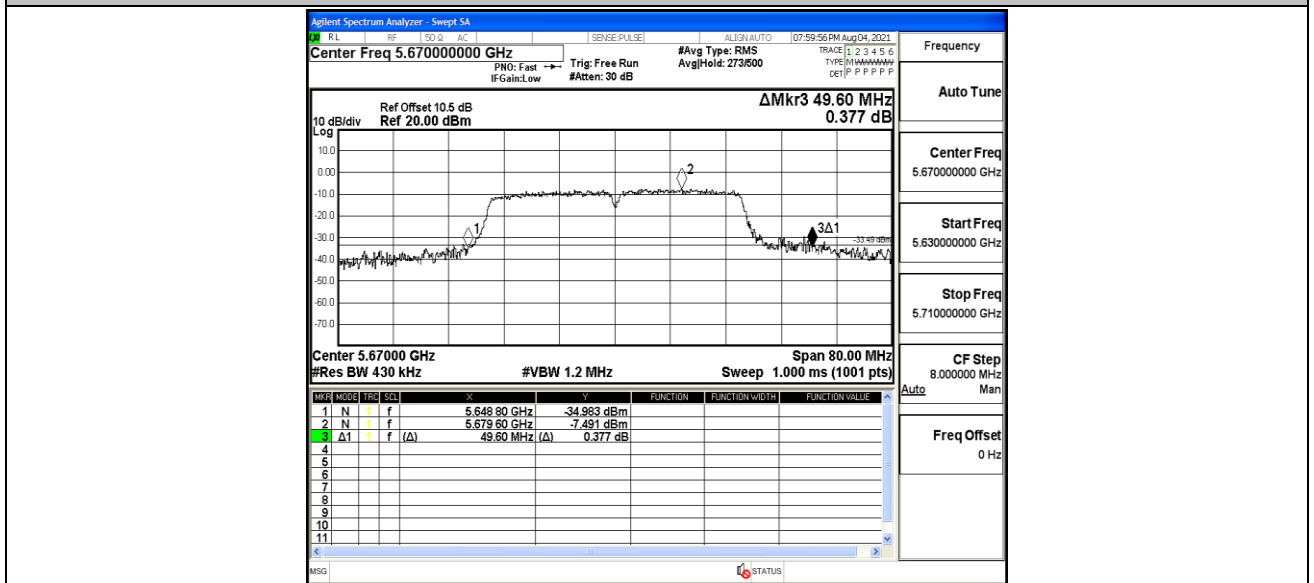
11N40MIMO_Ant1_5550



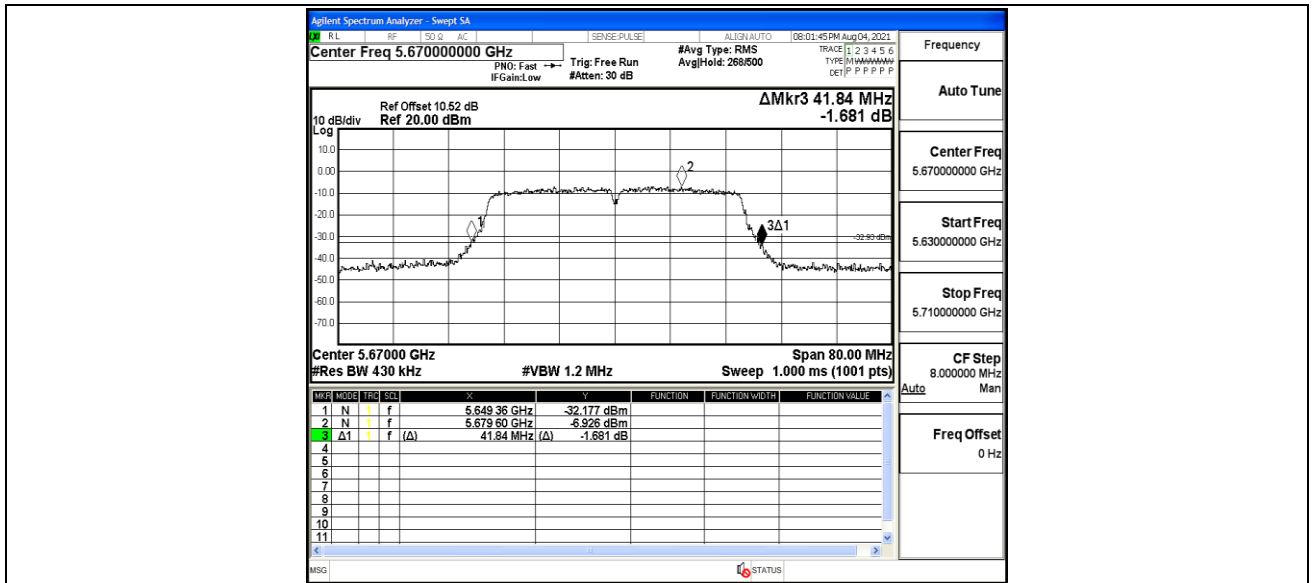
11N40MIMO_Ant2_5550



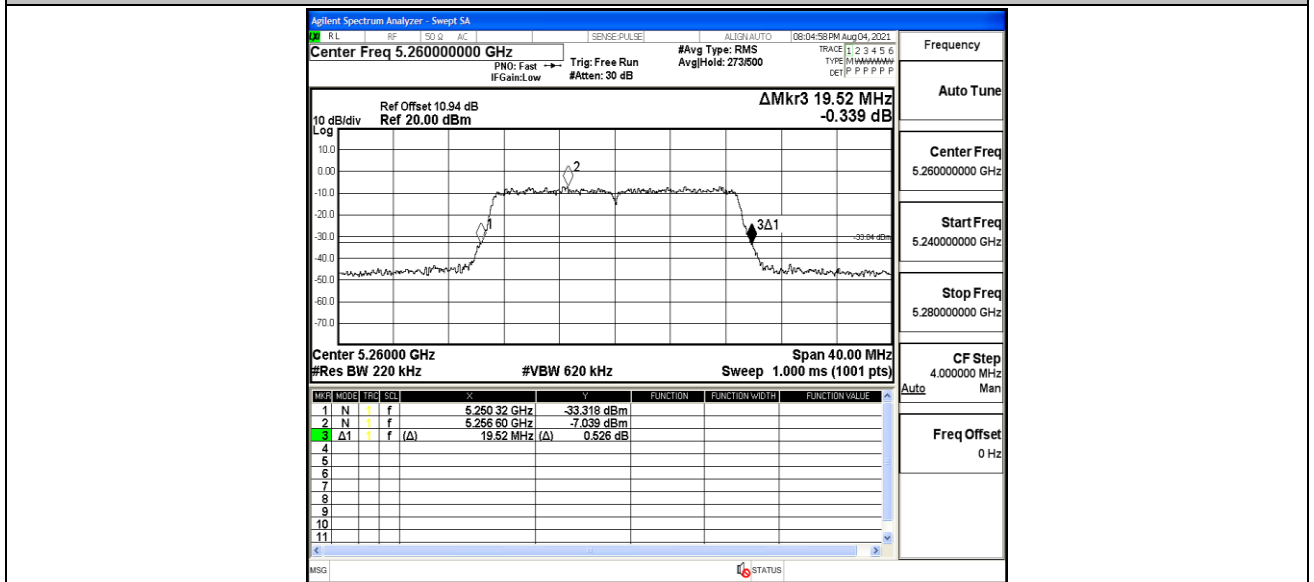
11N40MIMO_Ant1_5670



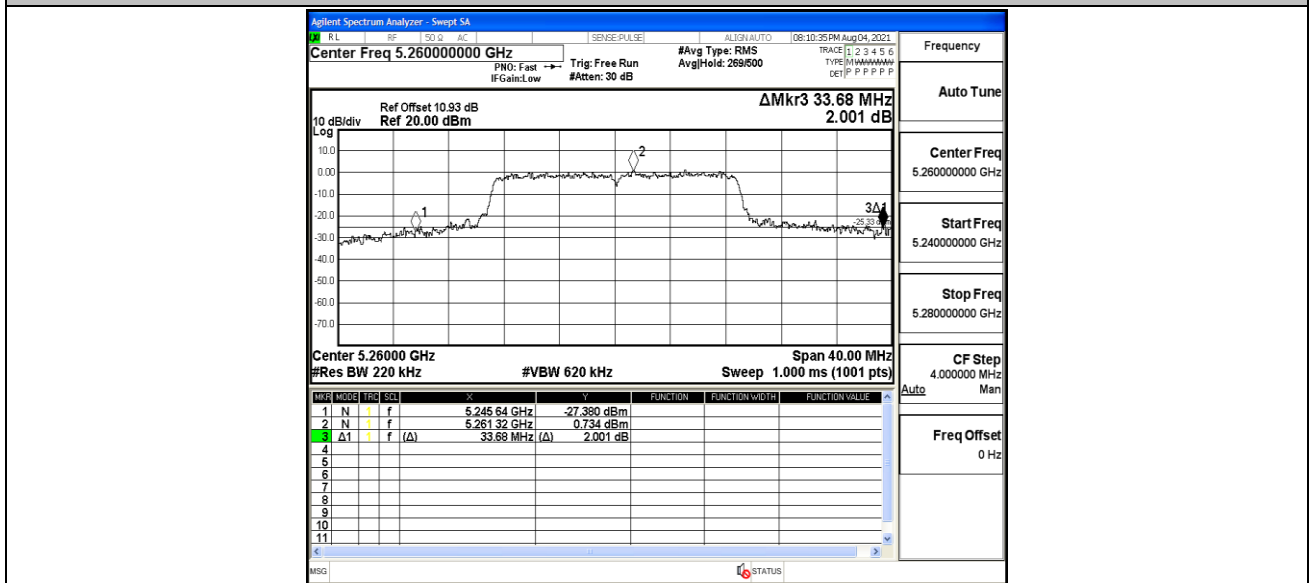
11N40MIMO_Ant2_5670



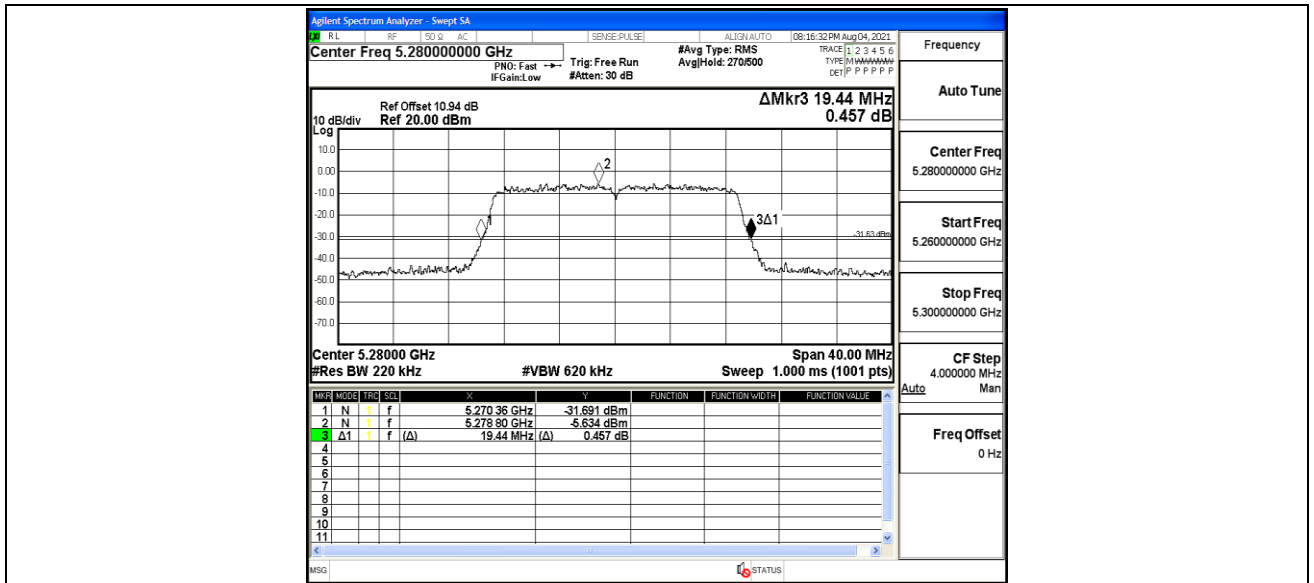
11AC20MIMO_Ant1_5260



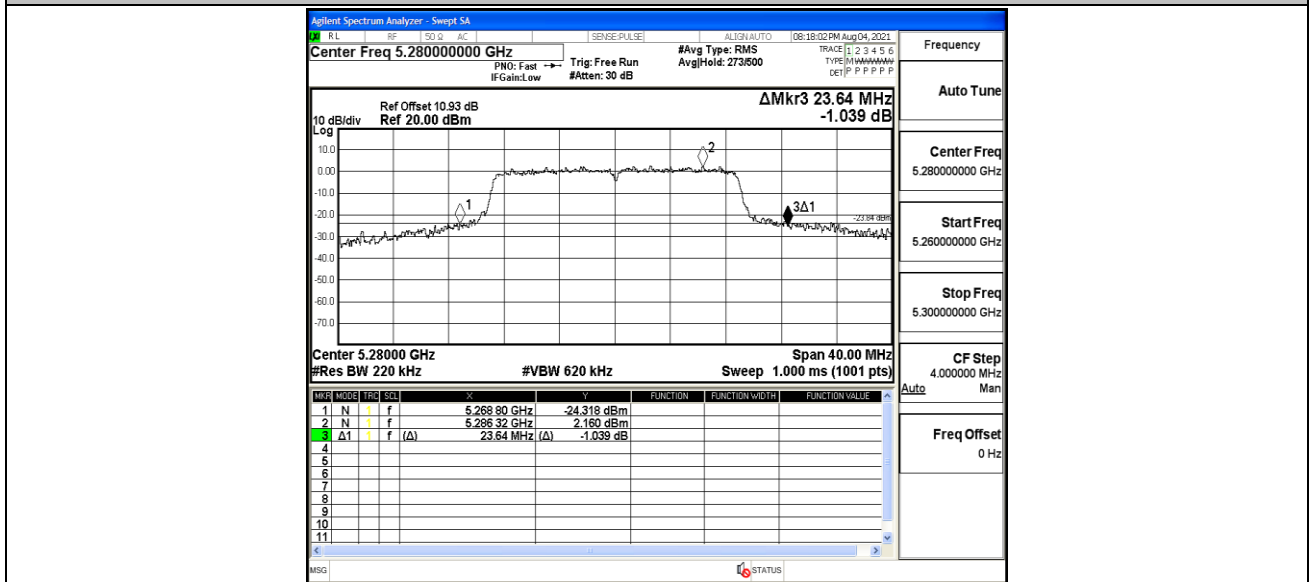
11AC20MIMO_Ant2_5260



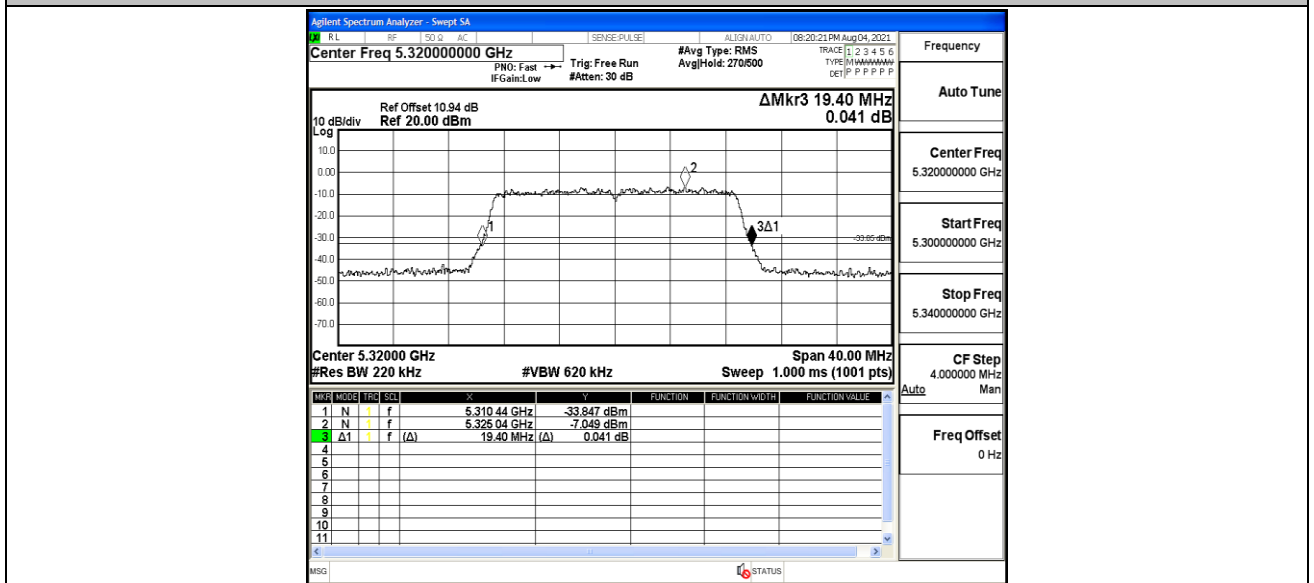
11AC20MIMO_Ant1_5280



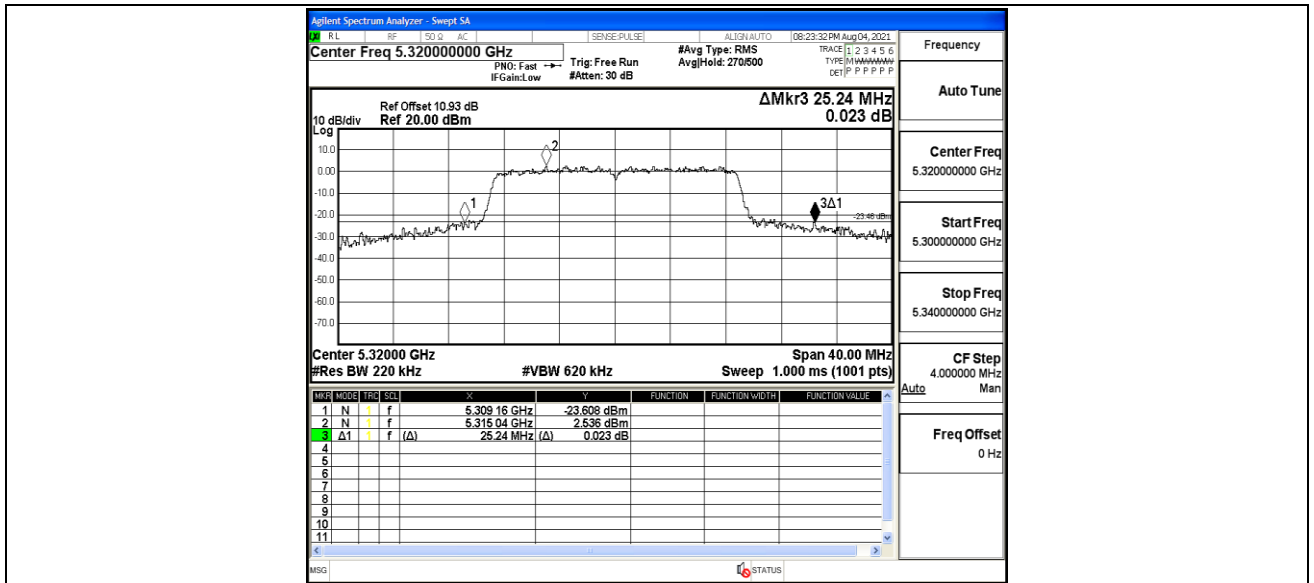
11AC20MIMO_Ant2_5280



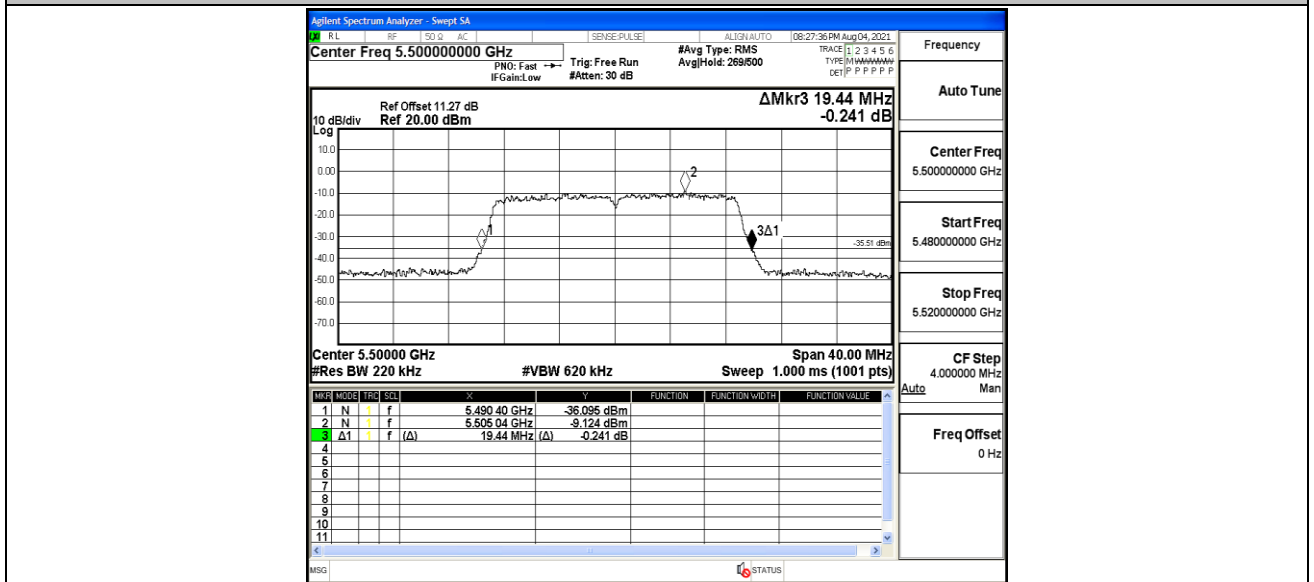
11AC20MIMO_Ant1_5320



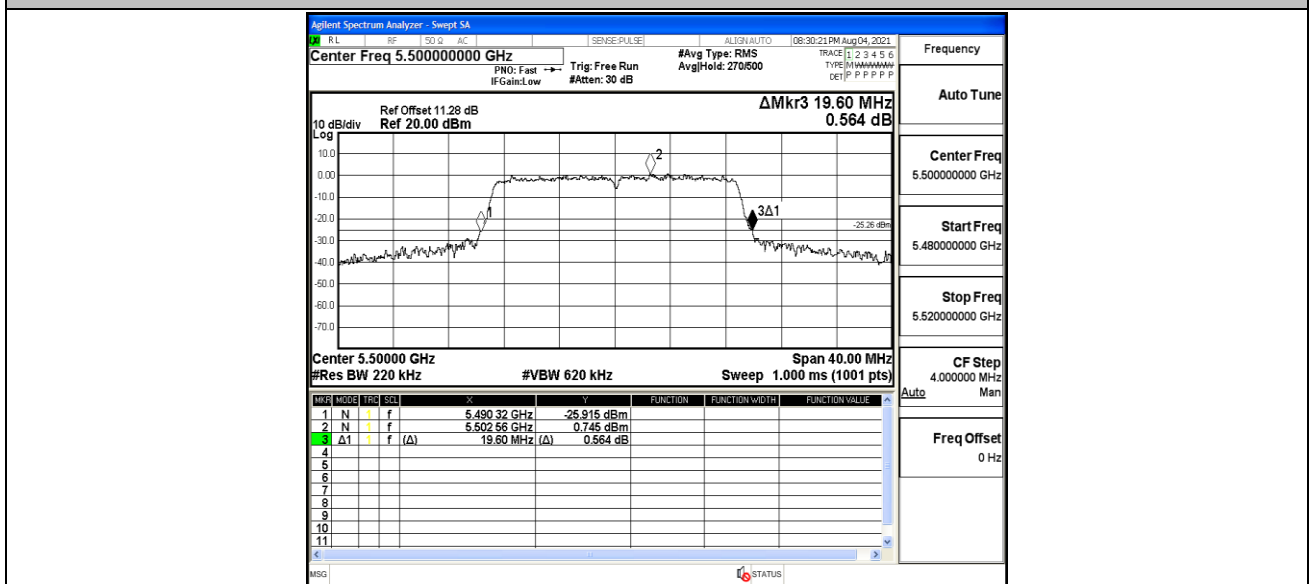
11AC20MIMO_Ant2_5320



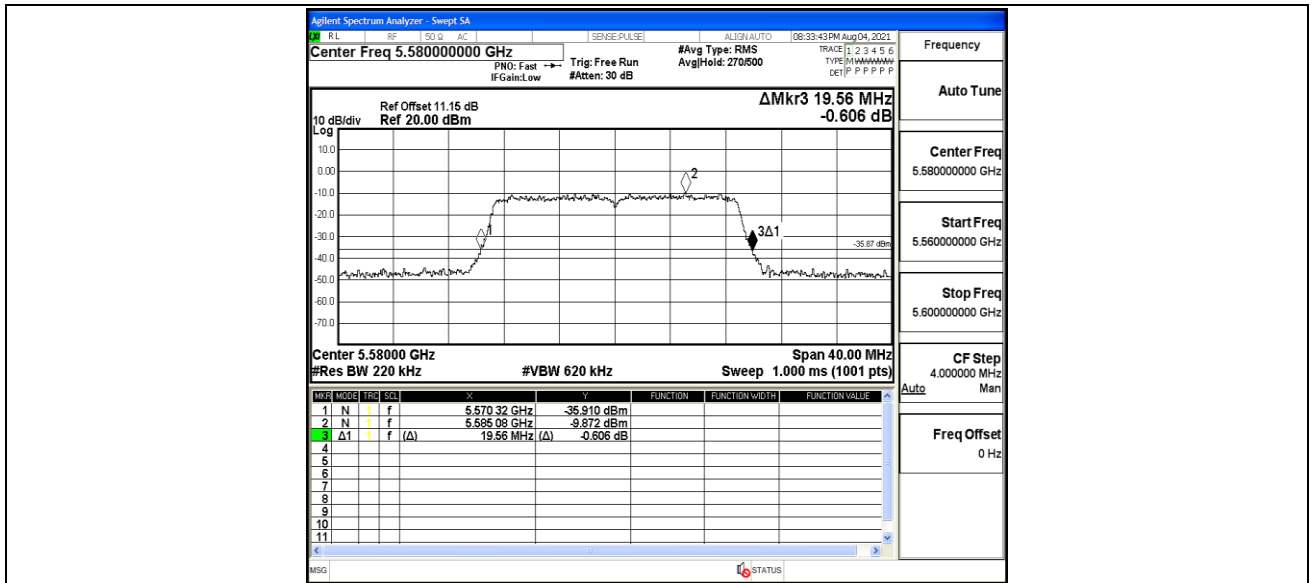
11AC20MIMO_Ant1_5500



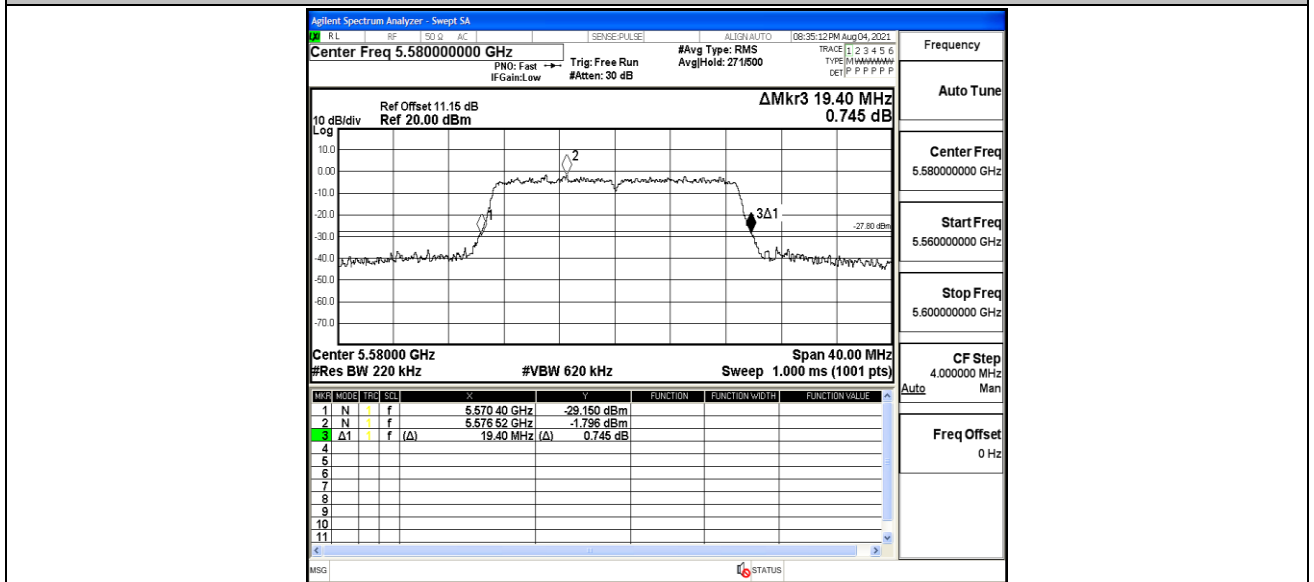
11AC20MIMO_Ant2_5500



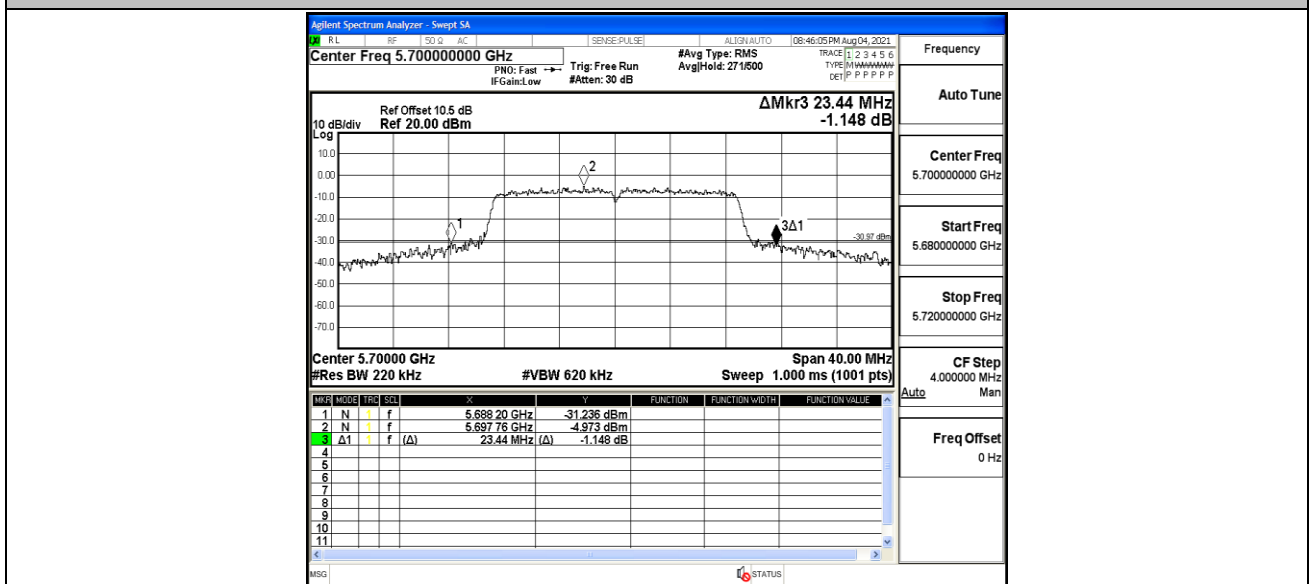
11AC20MIMO_Ant1_5580



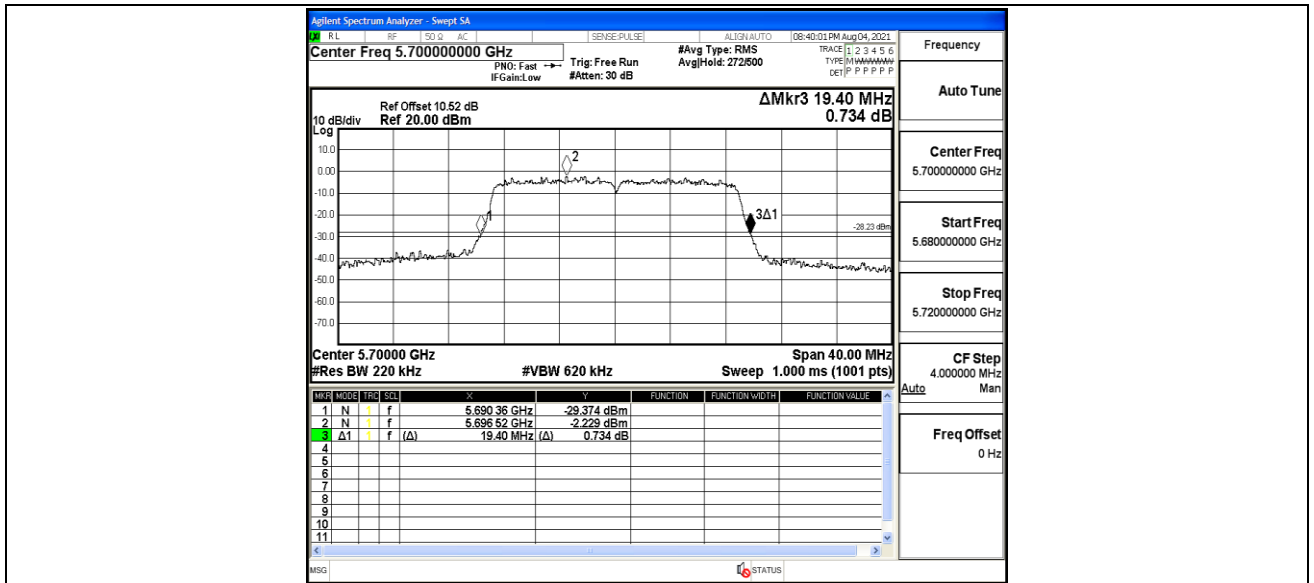
11AC20MIMO_Ant2_5580



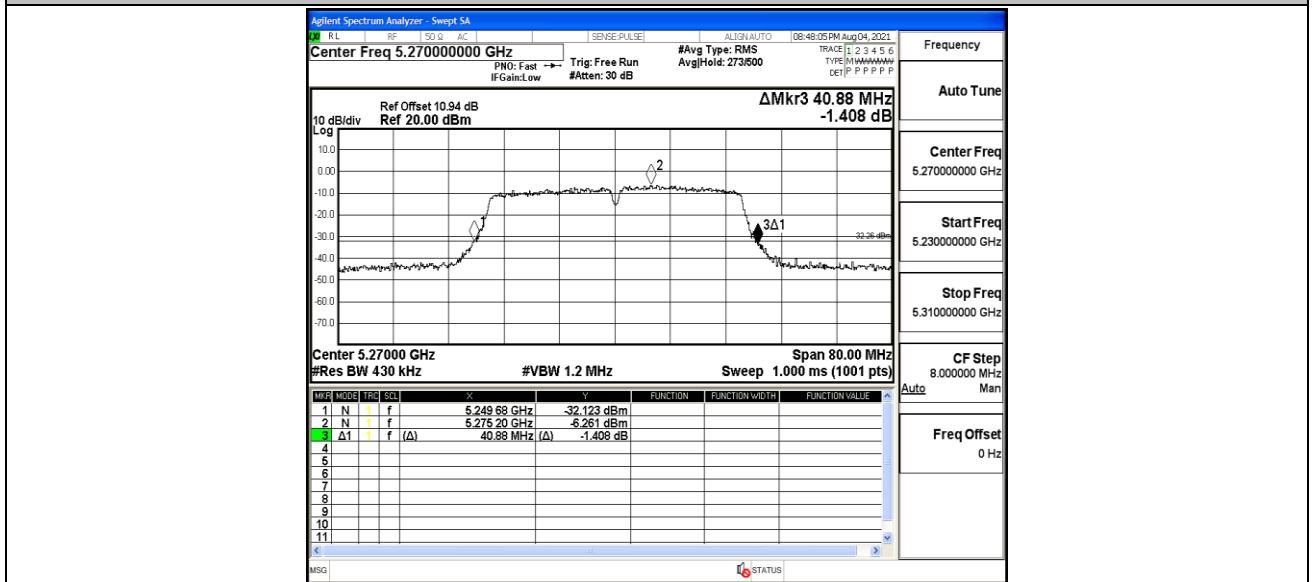
11AC20MIMO_Ant1_5700



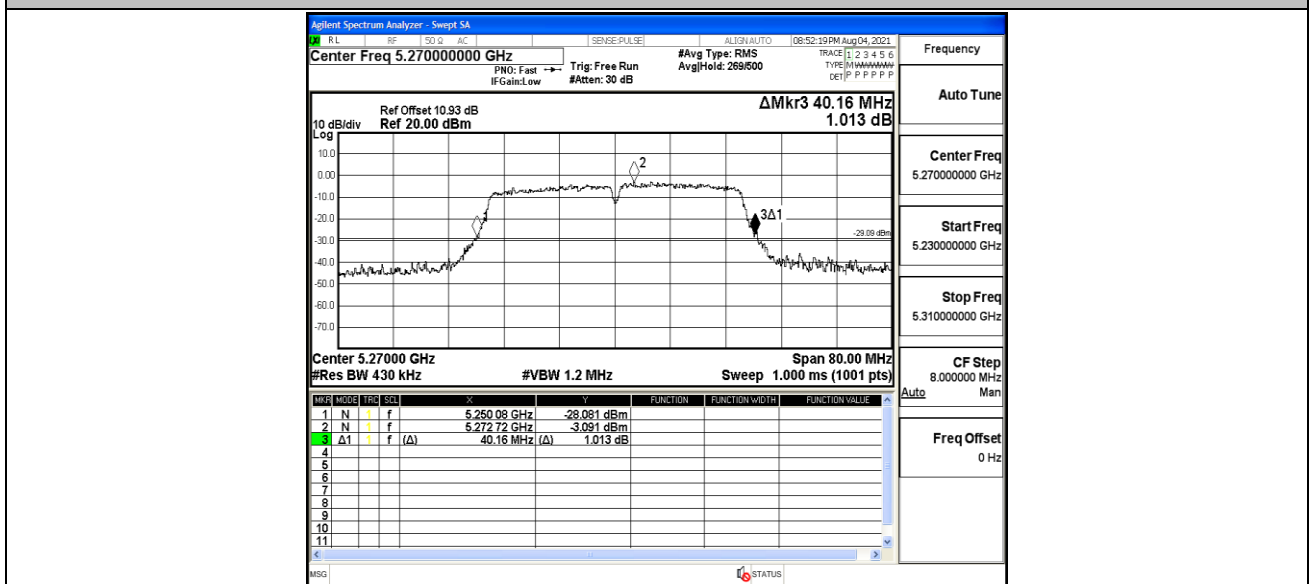
11AC20MIMO_Ant2_5700



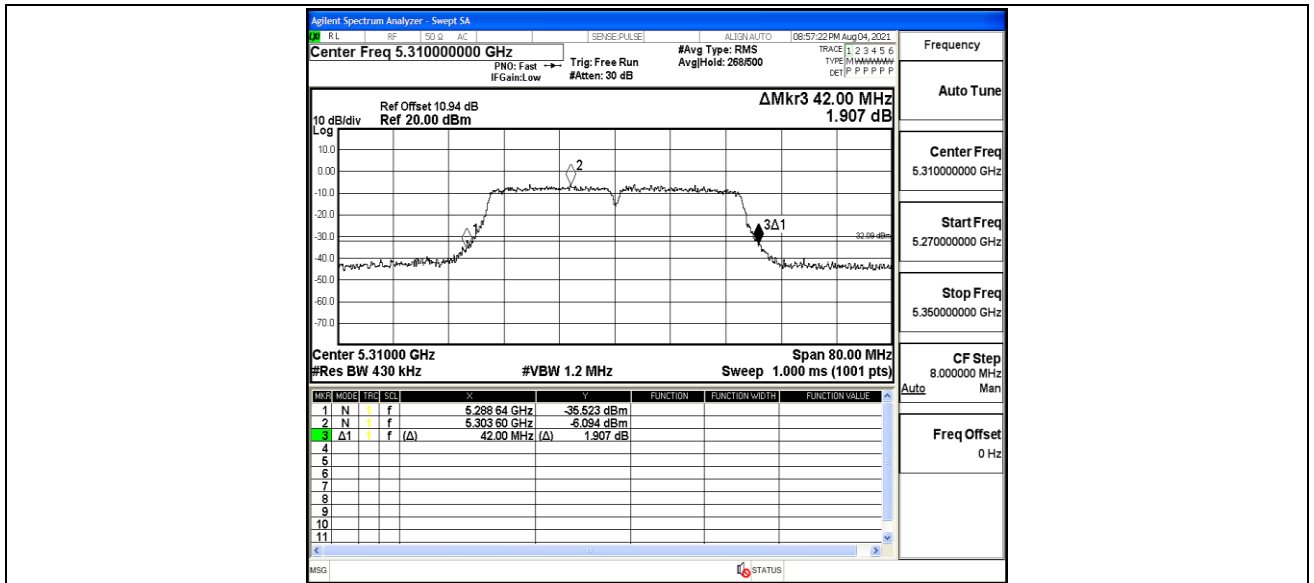
11AC40MIMO_Ant1_5270



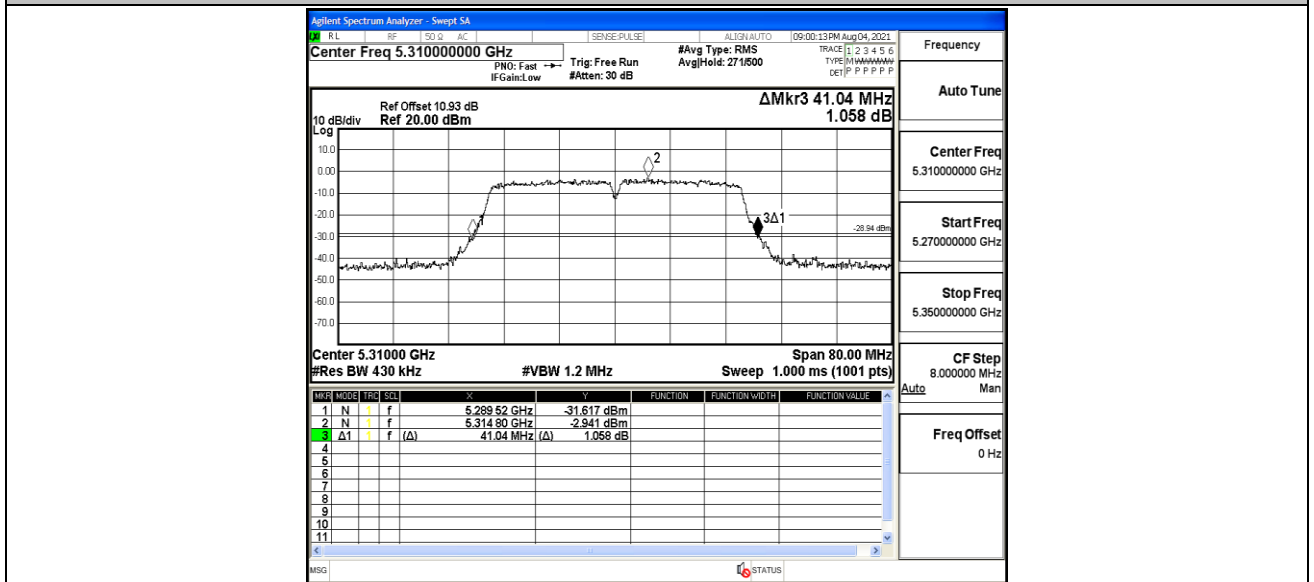
11AC40MIMO_Ant2_5270



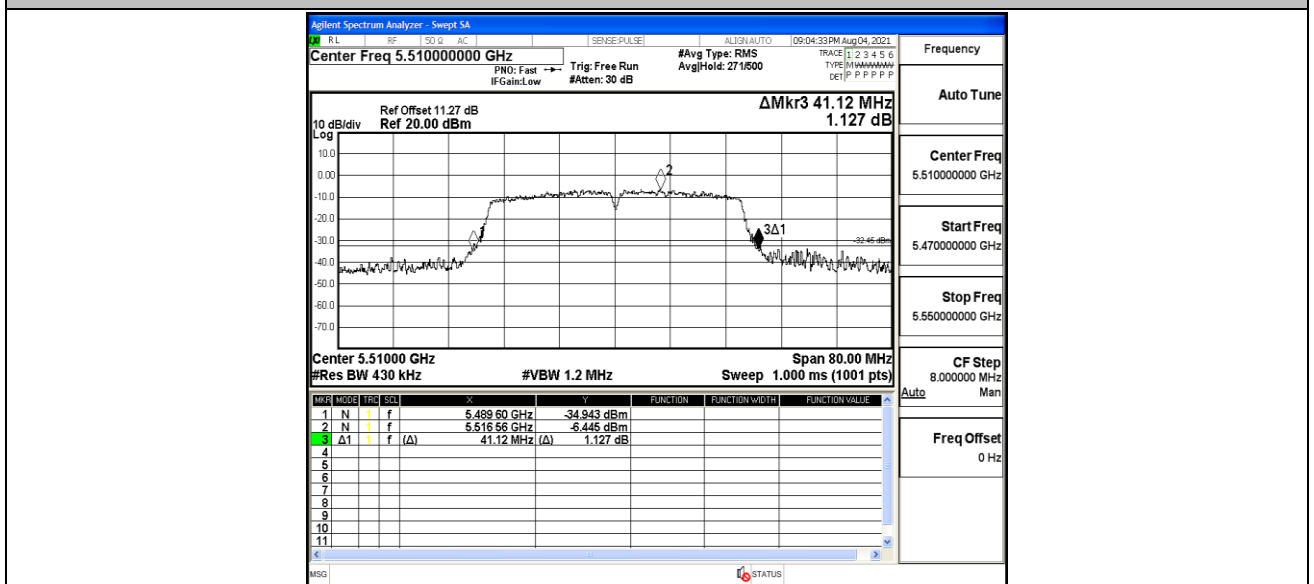
11AC40MIMO_Ant1_5310



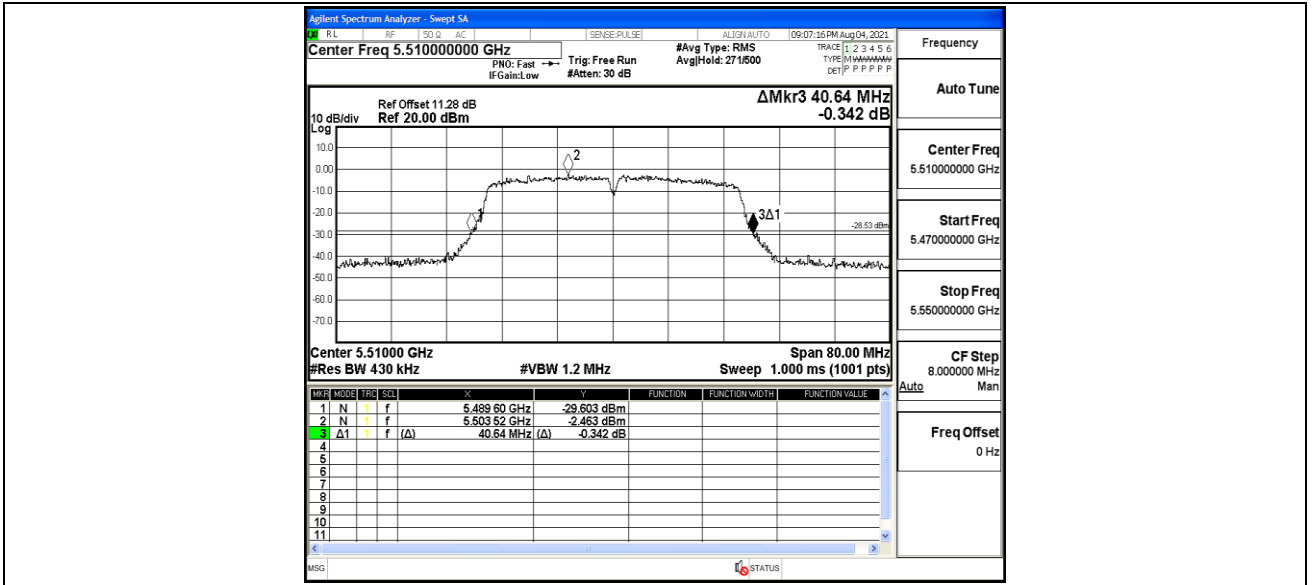
11AC40MIMO_Ant2_5310



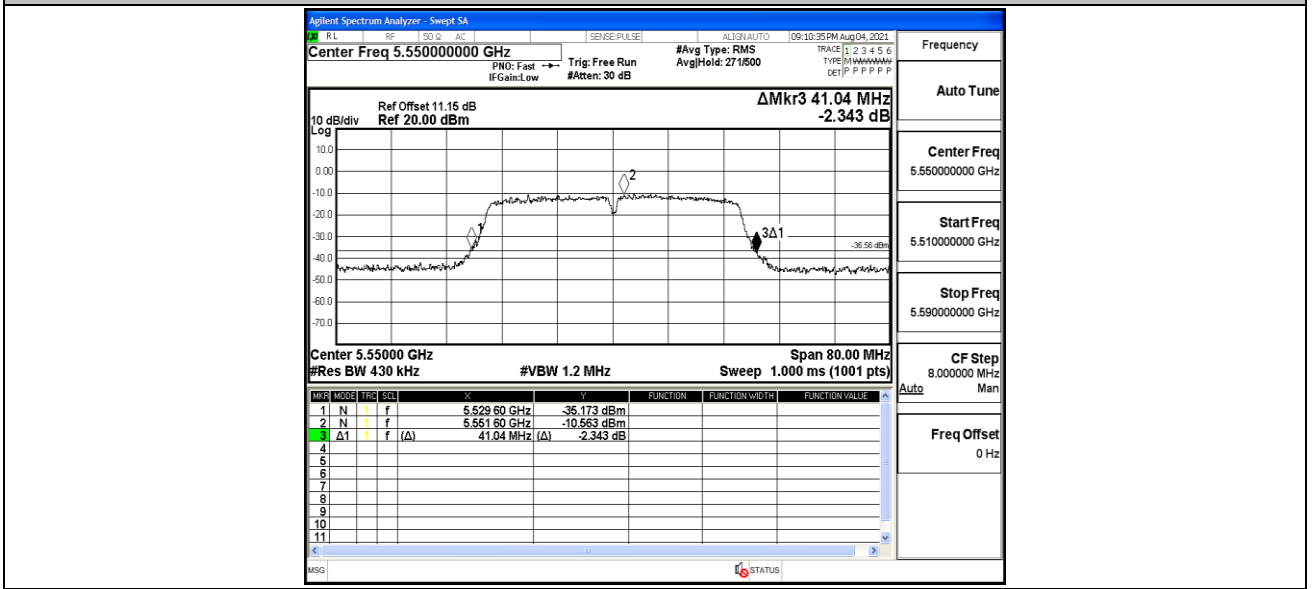
11AC40MIMO_Ant1_5510



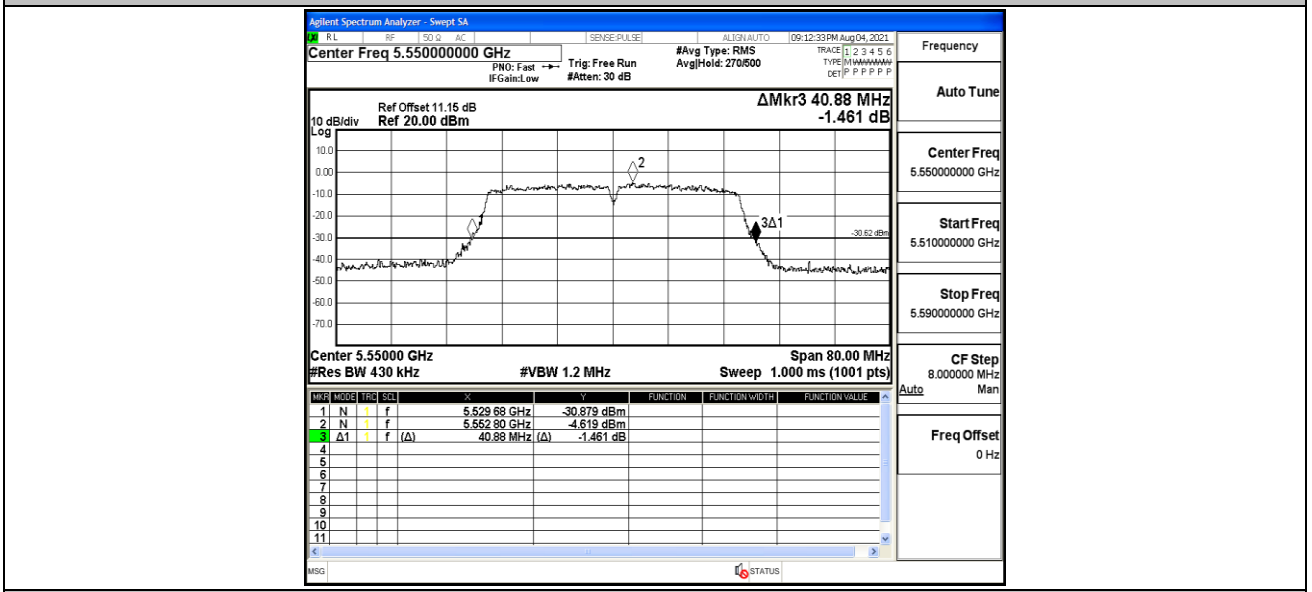
11AC40MIMO_Ant2_5510



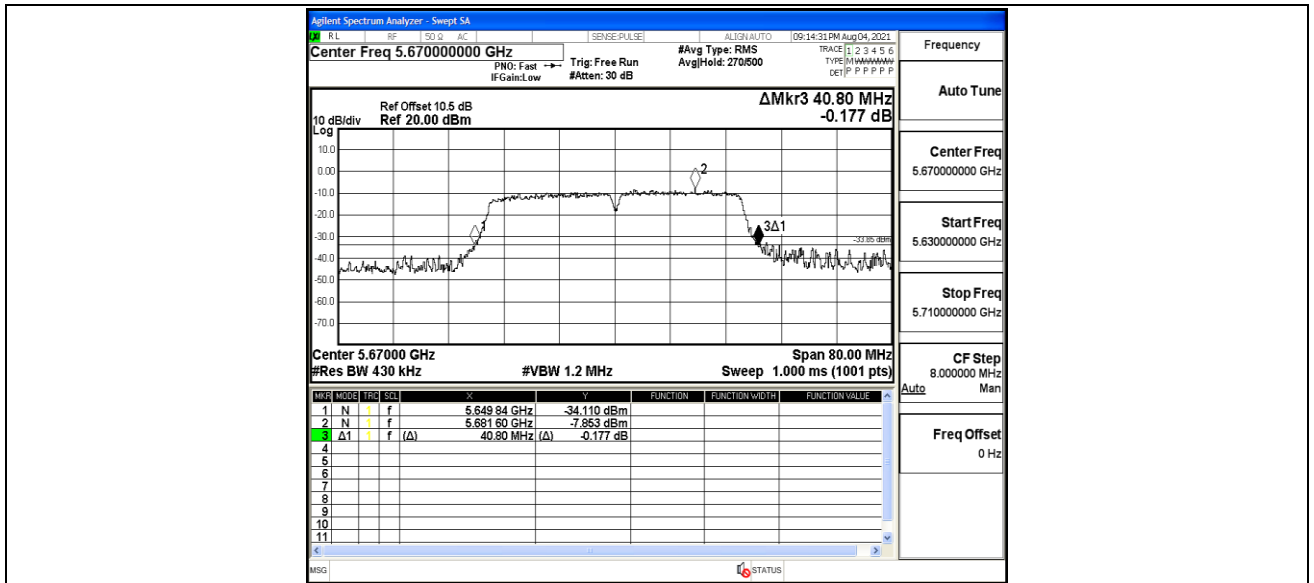
11AC40MIMO_Ant1_5550



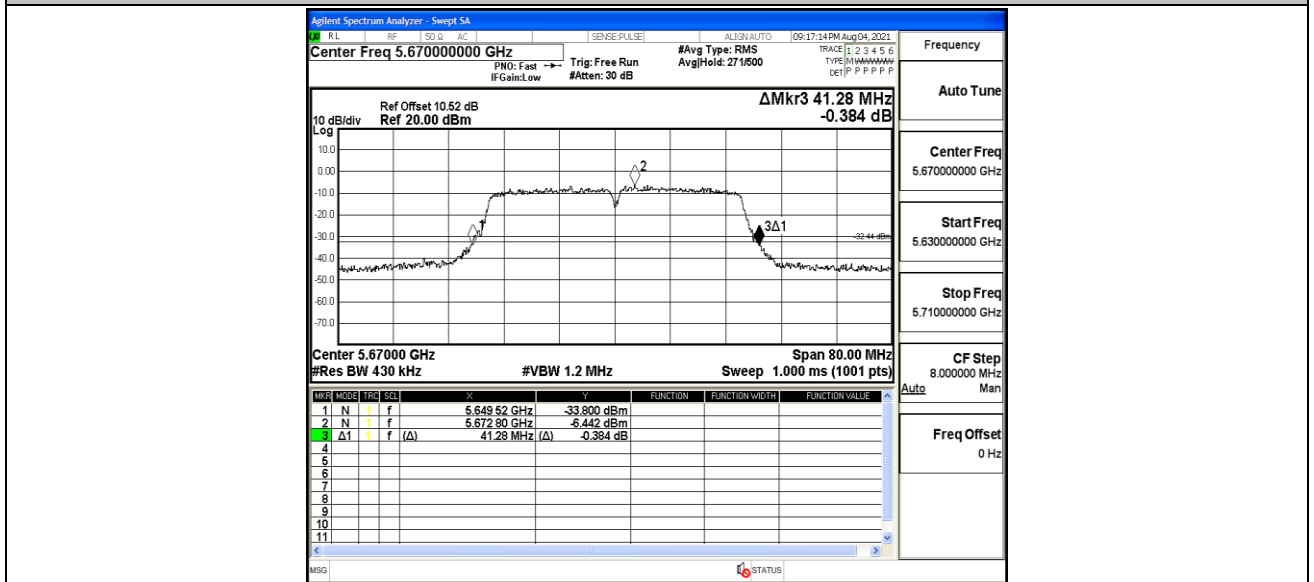
11AC40MIMO_Ant2_5550



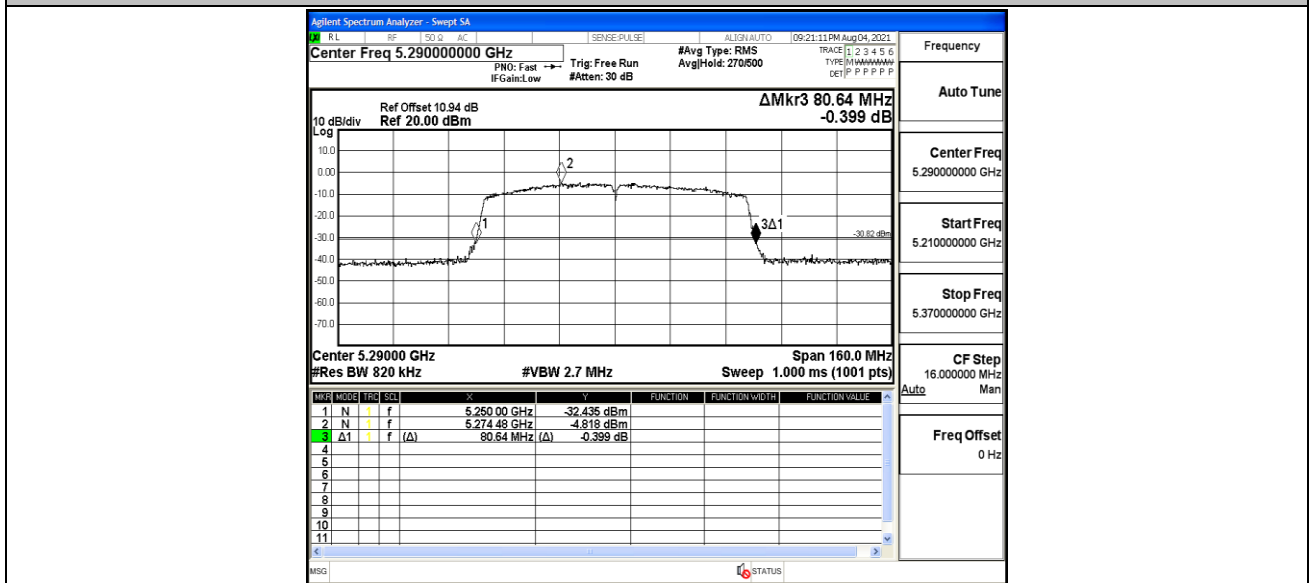
11AC40MIMO_Ant1_5670



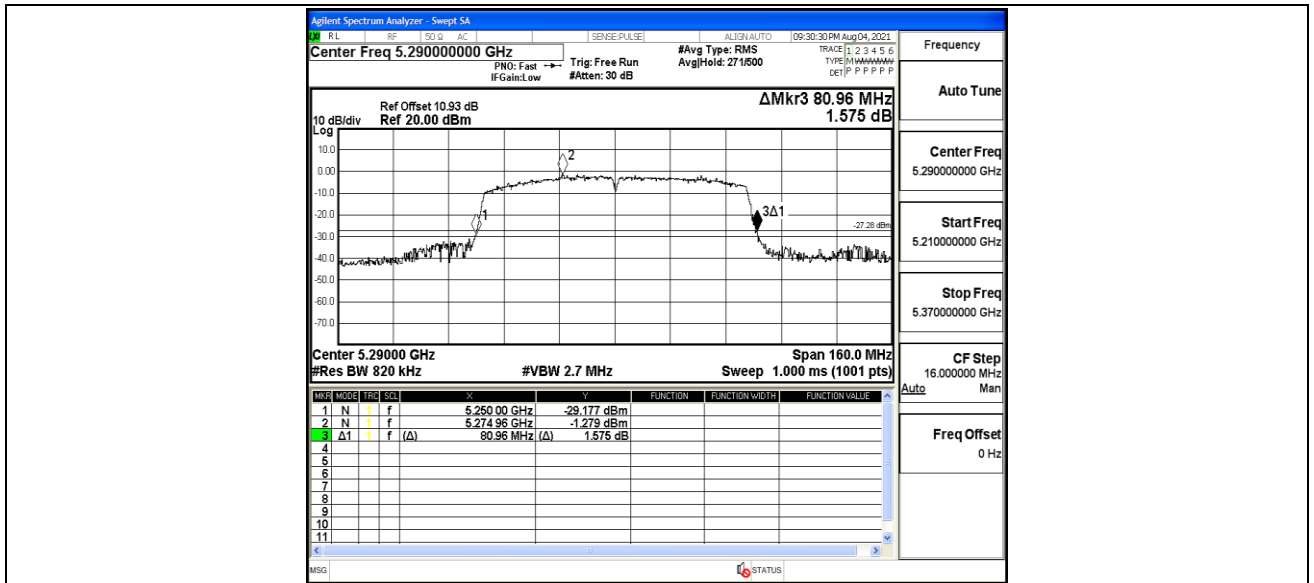
11AC40MIMO_Ant2_5670



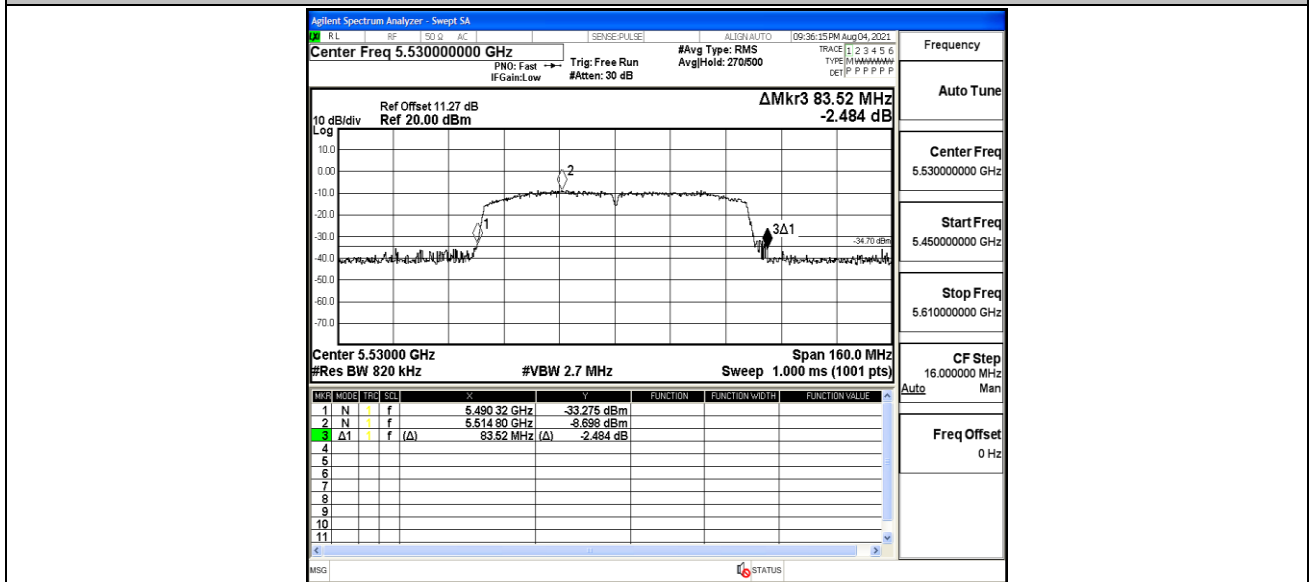
11AC80MIMO_Ant1_5290



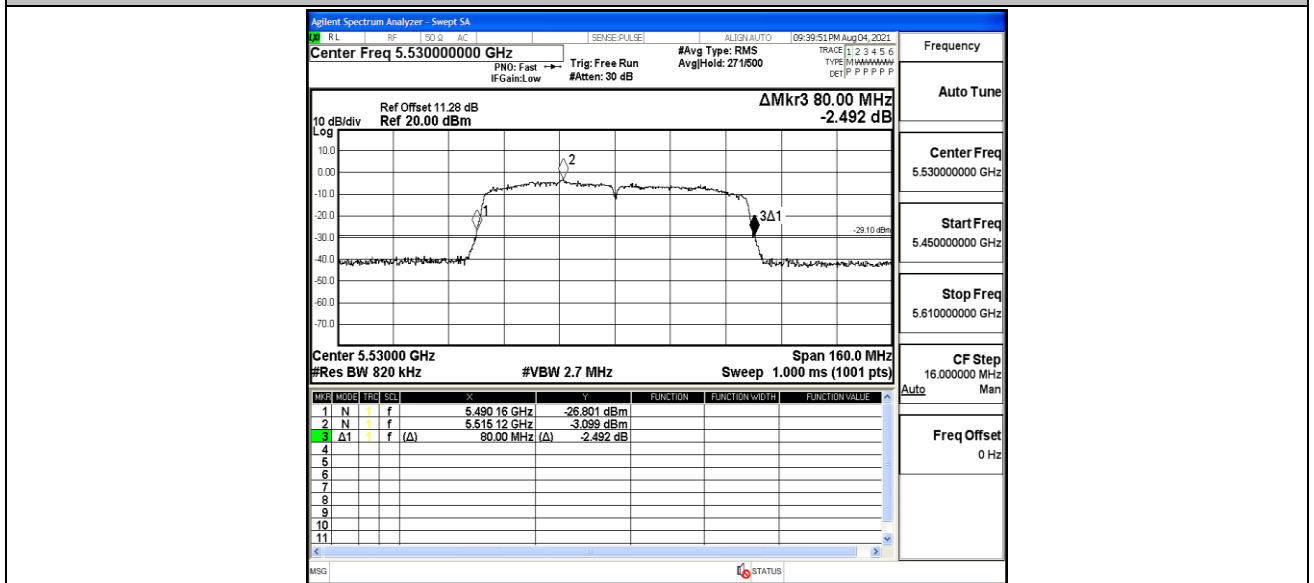
11AC80MIMO_Ant2_5290



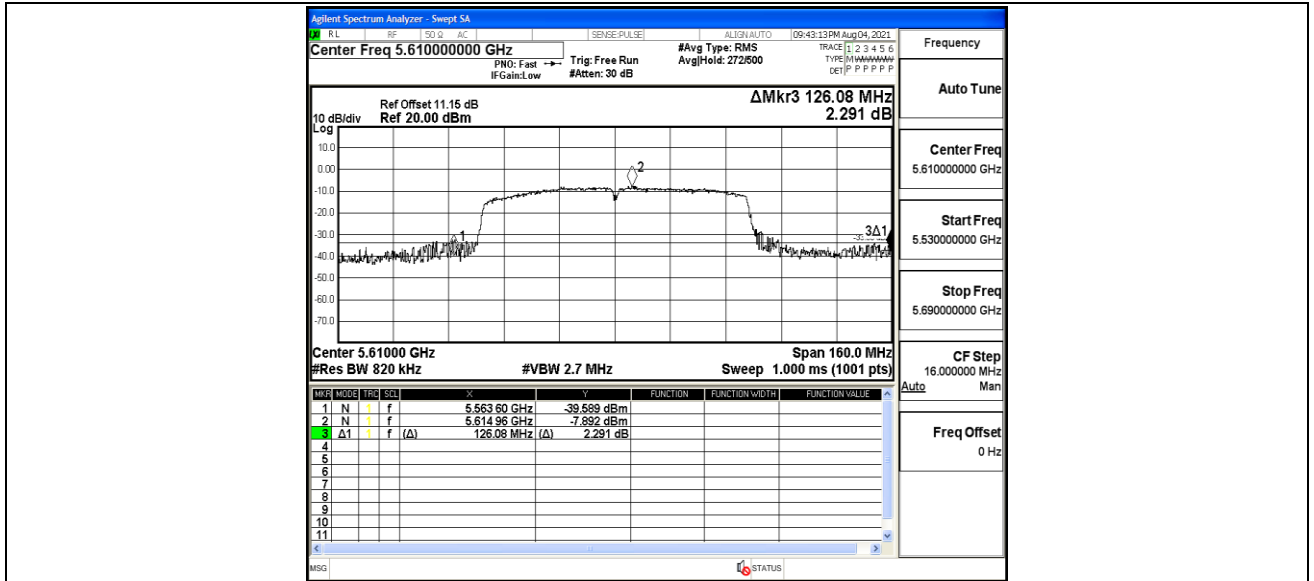
11AC80MIMO_Ant1_5530



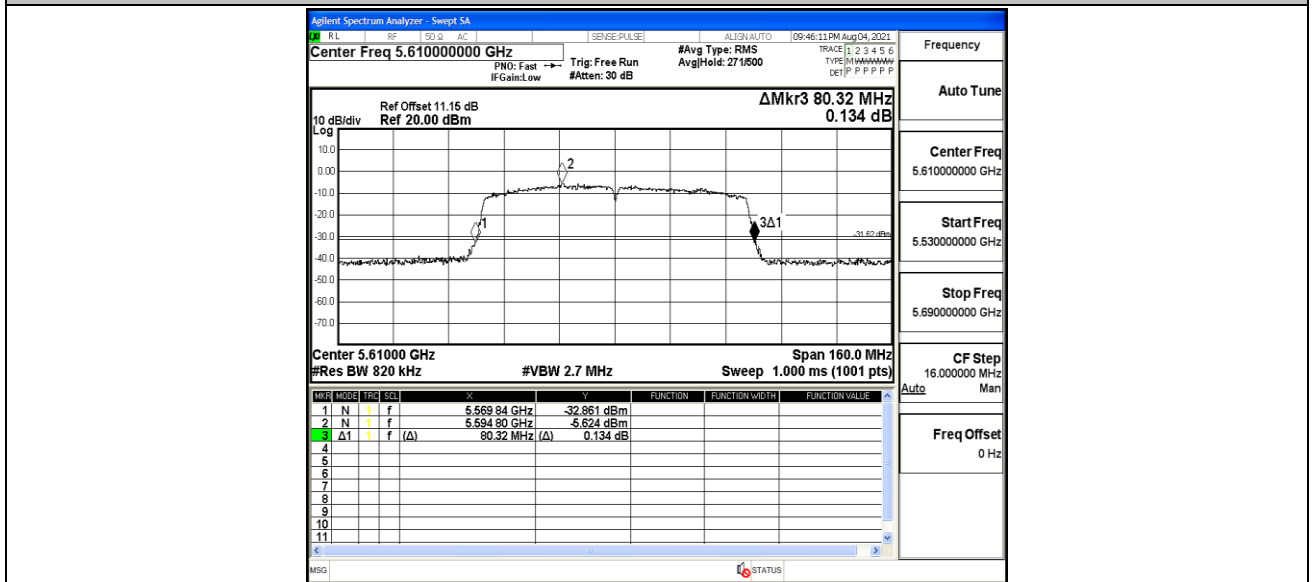
11AC80MIMO_Ant2_5530



11AC80MIMO_Ant1_5610



11AC80MIMO_Ant2_5610



Appendix A2: Occupied channel bandwidth

Test Result

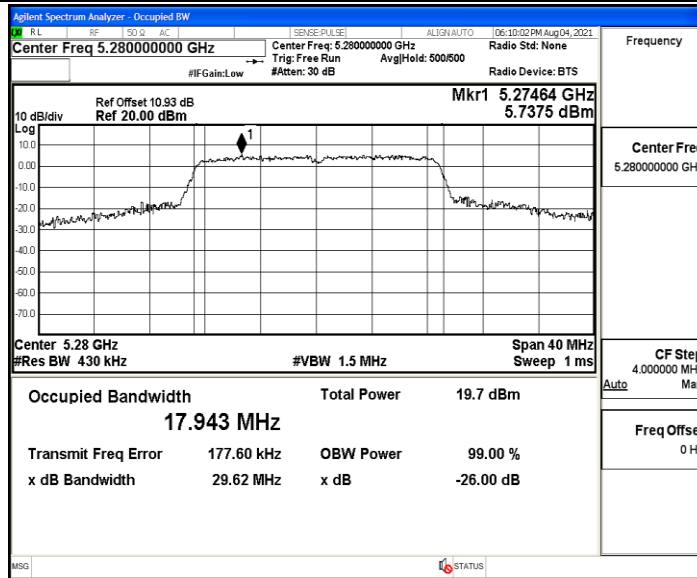
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
111N20MIMO	Ant1	5260	17.665	5251.228	5268.893	---	PASS
	Ant2	5260	18.465	5250.993	5269.458	---	PASS
	Ant1	5280	17.630	5271.283	5288.913	---	PASS
	Ant2	5280	17.943	5271.206	5289.149	---	PASS
	Ant1	5320	17.644	5311.272	5328.916	---	PASS
	Ant2	5320	17.835	5311.228	5329.063	---	PASS
	Ant1	5500	17.889	5491.222	5509.111	---	PASS
	Ant2	5500	17.629	5491.293	5508.922	---	PASS
	Ant1	5580	26.312	5568.127	5594.439	---	PASS
	Ant2	5580	17.648	5571.273	5588.921	---	PASS
	Ant1	5700	17.805	5691.201	5709.006	---	PASS
	Ant2	5700	17.605	5691.253	5708.858	---	PASS
11A	Ant1	5260	16.565	5251.789	5268.354	---	PASS
	Ant2	5260	16.892	5251.724	5268.616	---	PASS
	Ant1	5280	16.485	5271.849	5288.334	---	PASS
	Ant2	5280	16.611	5271.825	5288.436	---	PASS
	Ant1	5320	16.508	5311.838	5328.346	---	PASS
	Ant2	5320	16.628	5311.811	5328.439	---	PASS
	Ant1	5500	18.333	5491.612	5509.945	---	PASS
	Ant2	5500	16.459	5491.869	5508.328	---	PASS
	Ant1	5580	24.455	5569.037	5593.492	---	PASS
	Ant2	5580	16.489	5571.846	5588.335	---	PASS
	Ant1	5700	24.888	5688.409	5713.297	---	PASS
	Ant2	5700	16.417	5691.854	5708.271	---	PASS
11N40MIMO	Ant1	5270	36.422	5251.983	5288.405	---	PASS
	Ant2	5270	36.927	5251.869	5288.796	---	PASS
	Ant1	5310	36.568	5291.742	5328.310	---	PASS
	Ant2	5310	36.958	5291.711	5328.669	---	PASS
	Ant1	5510	36.357	5491.985	5528.342	---	PASS
	Ant2	5510	36.429	5491.794	5528.223	---	PASS
	Ant1	5550	37.335	5531.547	5568.882	---	PASS
	Ant2	5550	36.579	5531.745	5568.324	---	PASS
	Ant1	5670	47.673	5650.622	5698.295	---	PASS
	Ant2	5670	36.643	5651.804	5688.447	---	PASS
11AC20MIMO	Ant1	5260	17.671	5251.237	5268.908	---	PASS
	Ant2	5260	18.120	5251.102	5269.222	---	PASS
	Ant1	5280	17.602	5271.287	5288.889	---	PASS
	Ant2	5280	17.813	5271.220	5289.033	---	PASS
	Ant1	5320	17.627	5311.271	5328.898	---	PASS
	Ant2	5320	17.779	5311.237	5329.016	---	PASS

	Ant1	5500	17.621	5491.293	5508.914	---	PASS
	Ant2	5500	17.638	5491.267	5508.905	---	PASS
	Ant1	5580	17.718	5571.225	5588.943	---	PASS
	Ant2	5580	17.663	5571.241	5588.904	---	PASS
	Ant1	5700	17.877	5691.142	5709.019	---	PASS
	Ant2	5700	17.592	5691.249	5708.841	---	PASS
11AC40MIMO	Ant1	5270	36.323	5252.010	5288.333	---	PASS
	Ant2	5270	36.372	5252.085	5288.457	---	PASS
	Ant1	5310	36.507	5291.766	5328.273	---	PASS
	Ant2	5310	36.470	5291.888	5328.358	---	PASS
	Ant1	5510	36.187	5492.096	5528.283	---	PASS
	Ant2	5510	36.147	5491.966	5528.113	---	PASS
	Ant1	5550	36.342	5531.930	5568.272	---	PASS
	Ant2	5550	36.279	5531.890	5568.169	---	PASS
	Ant1	5670	37.149	5651.845	5688.994	---	PASS
	Ant2	5670	36.474	5651.862	5688.336	---	PASS
11AC80MIMO	Ant1	5290	74.610	5252.942	5327.552	---	PASS
	Ant2	5290	74.562	5253.200	5327.762	---	PASS
	Ant1	5530	74.729	5492.969	5567.698	---	PASS
	Ant2	5530	74.416	5492.692	5567.108	---	PASS
	Ant1	5610	75.094	5573.131	5648.225	---	PASS
	Ant2	5610	74.596	5572.889	5647.485	---	PASS

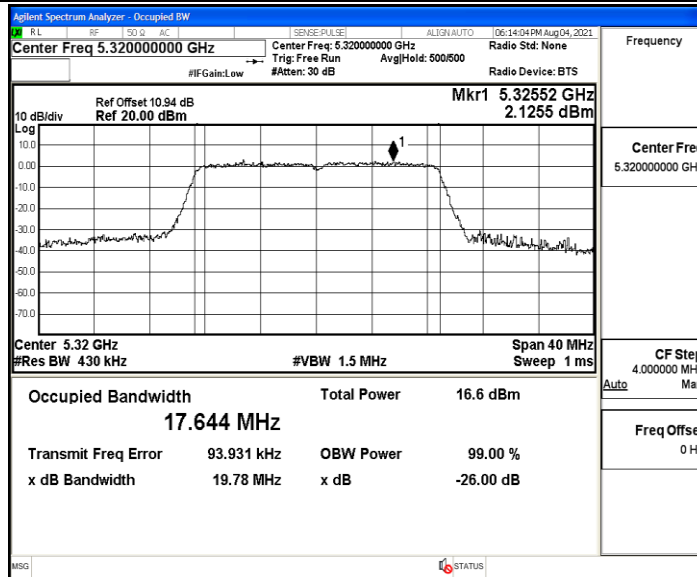
Test Graphs



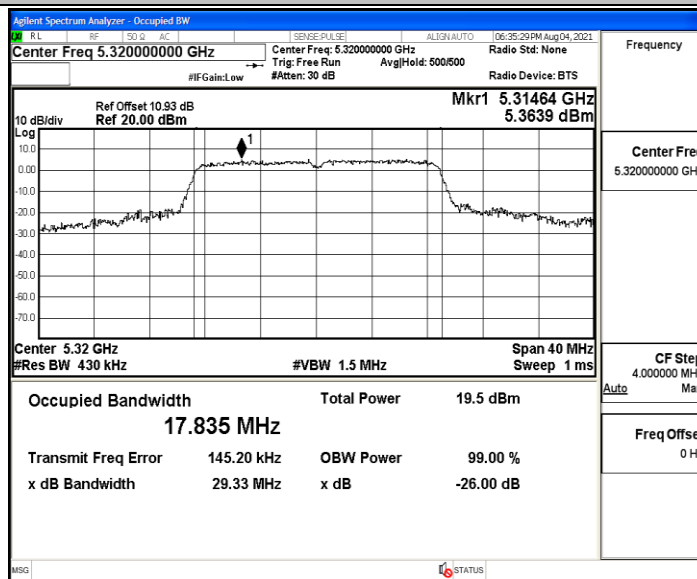
111N20MIMO_Ant2_5280



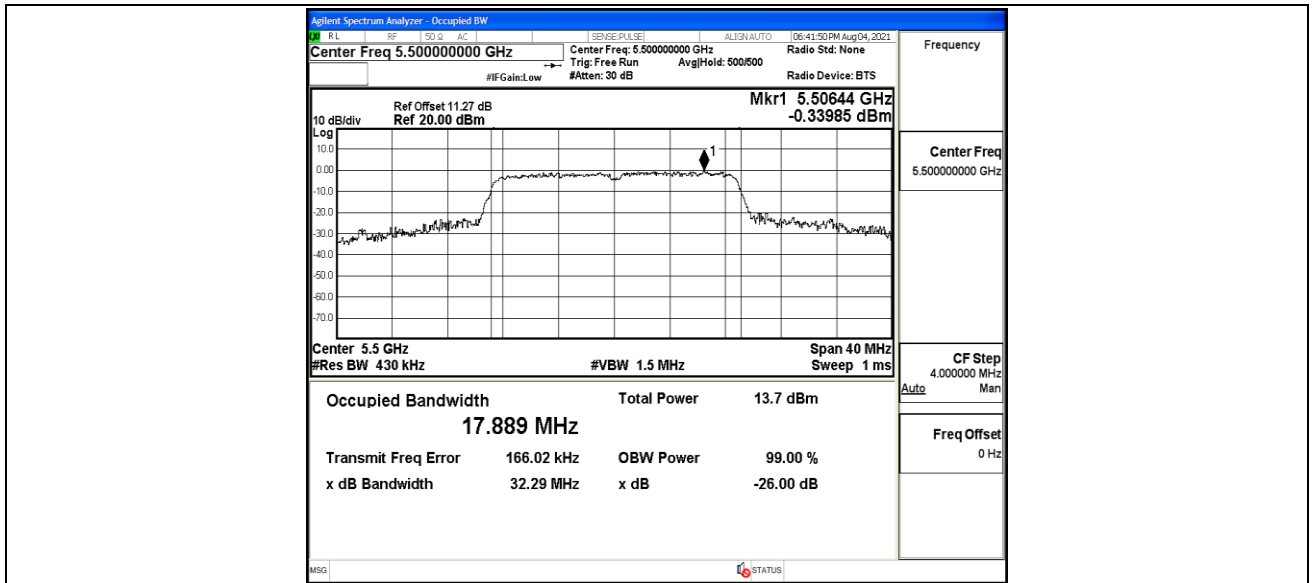
111N20MIMO_Ant1_5320



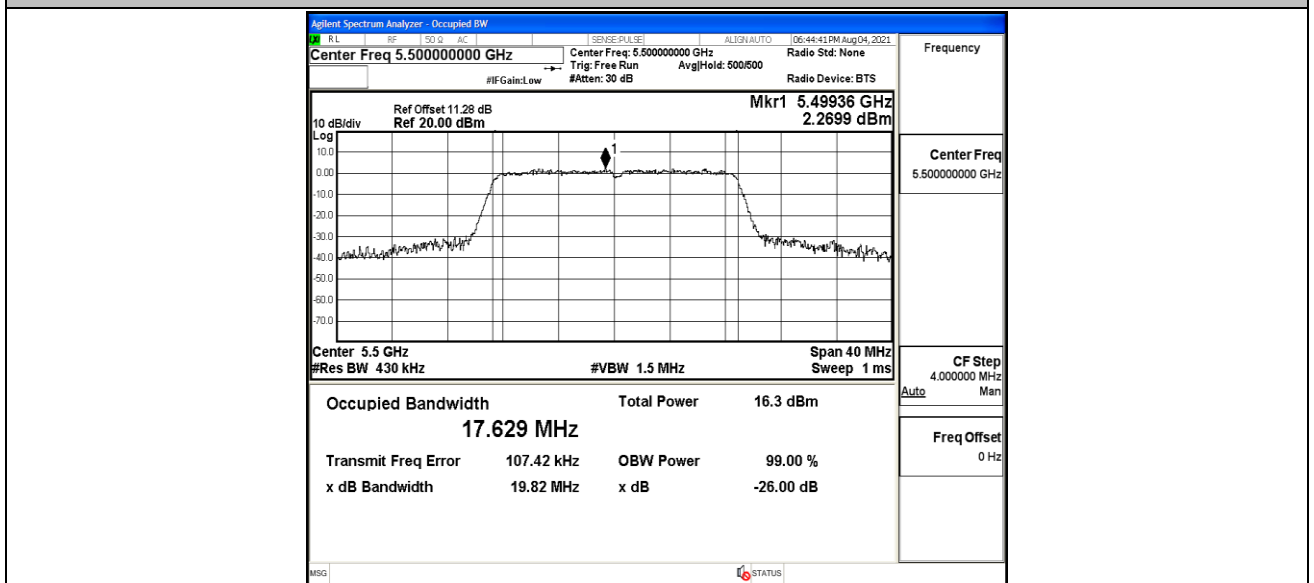
111N20MIMO_Ant2_5320



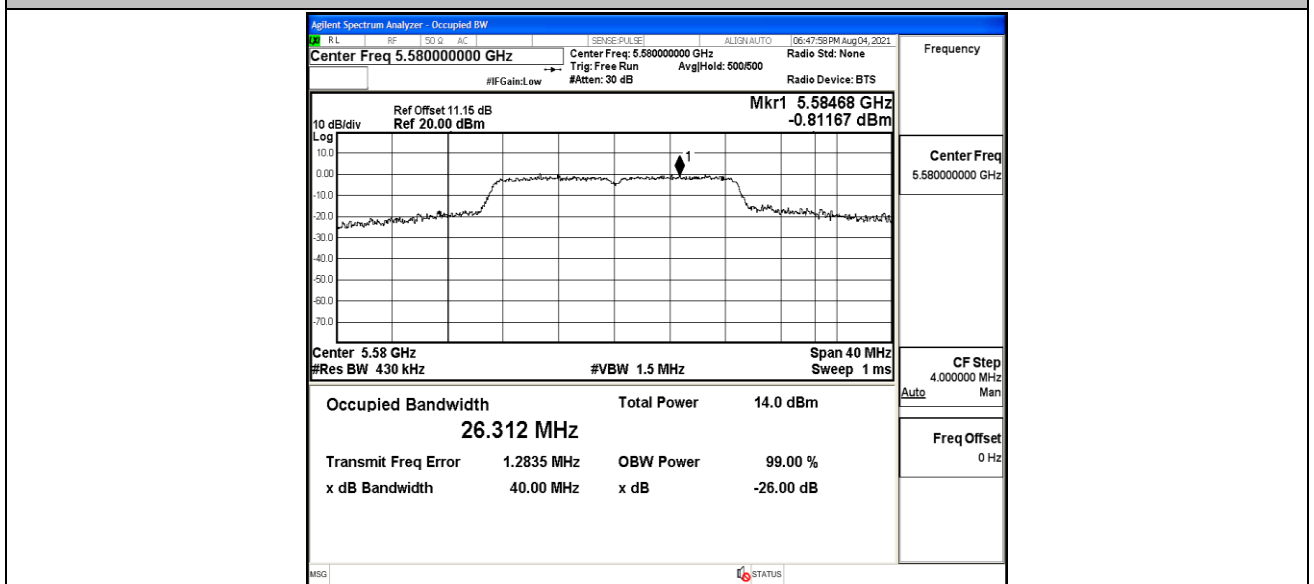
111N20MIMO_Ant1_5500



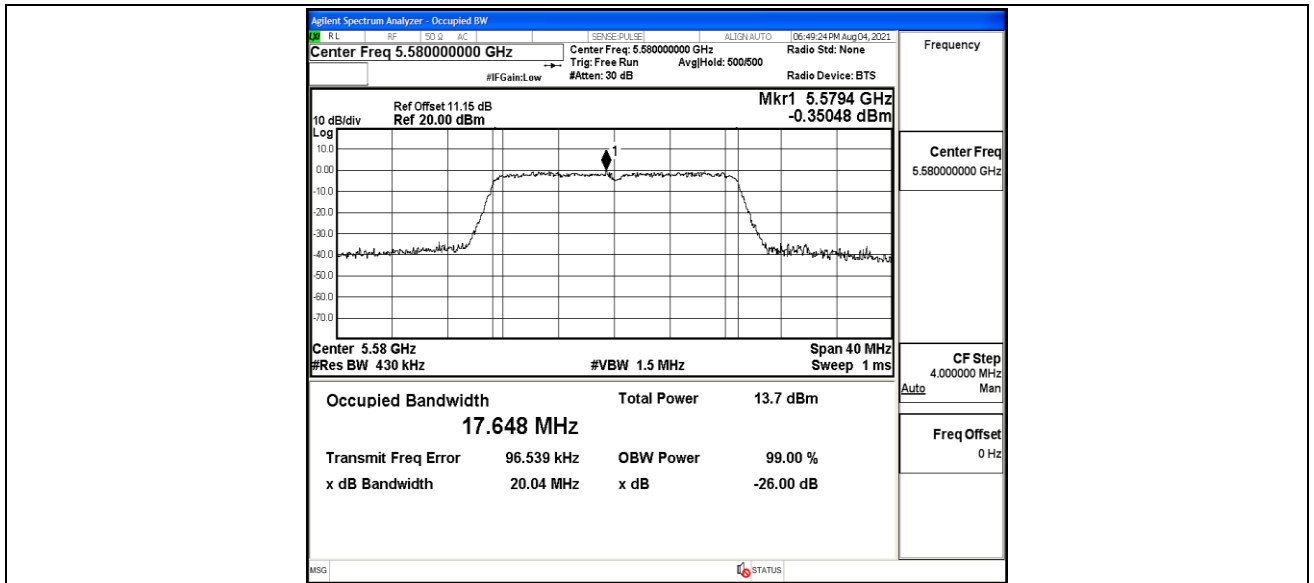
111N20MIMO_Ant2_5500



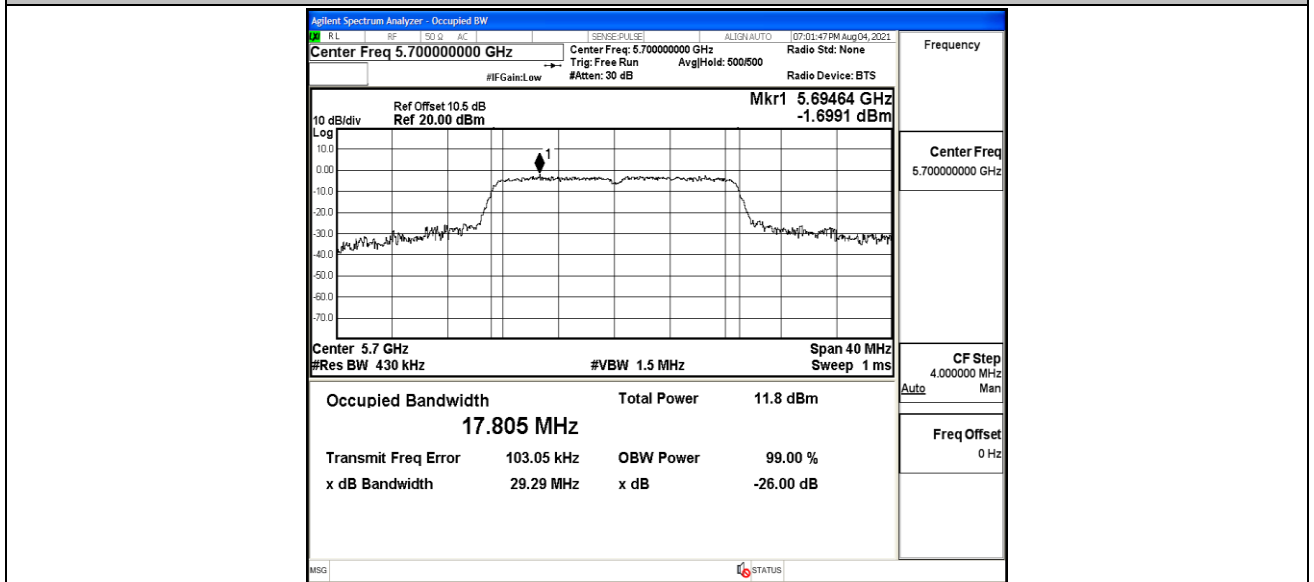
111N20MIMO_Ant1_5580



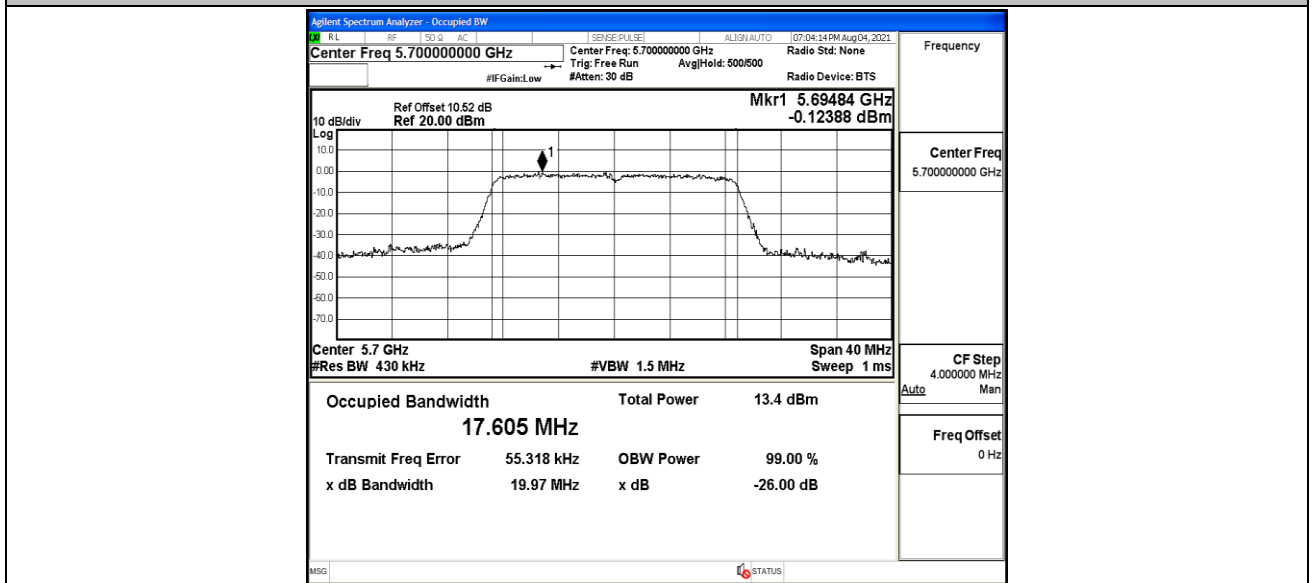
111N20MIMO_Ant2_5580



111N20MIMO_Ant1_5700



111N20MIMO_Ant2_5700



11A_Ant1_5260