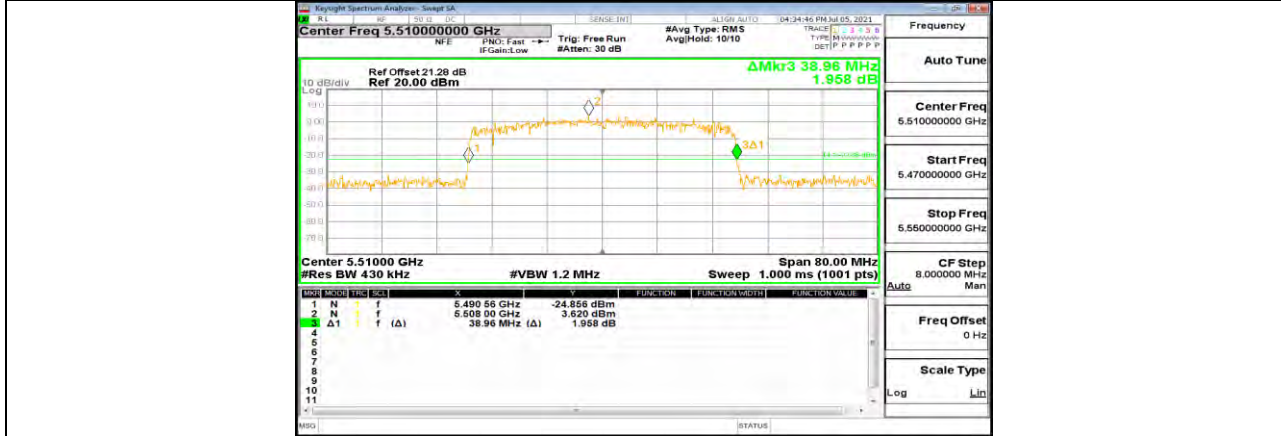




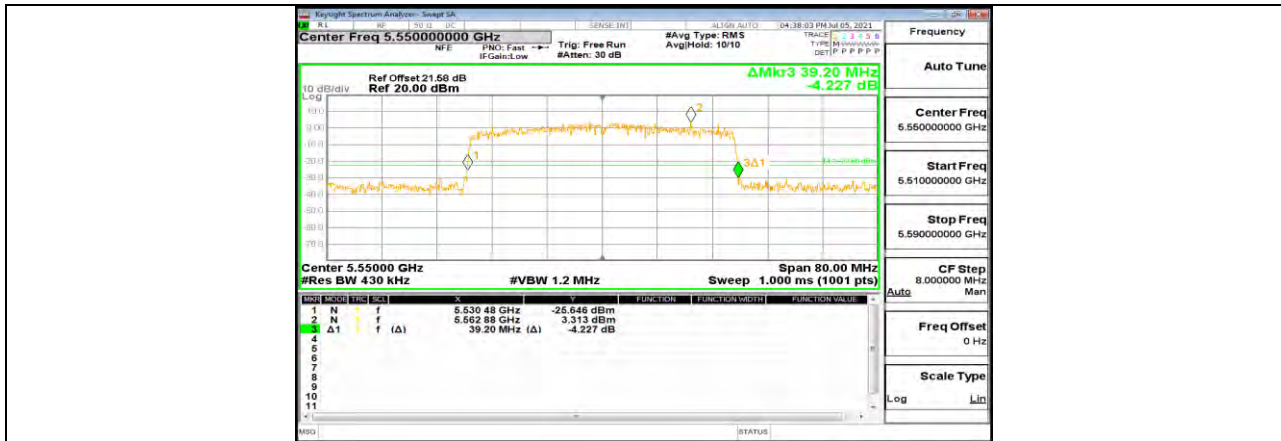
11AX40MIMO_Ant2_5310



11AX40MIMO_Ant1_5510



11AX40MIMO_Ant2_5510



11AX40MIMO Ant1 5550



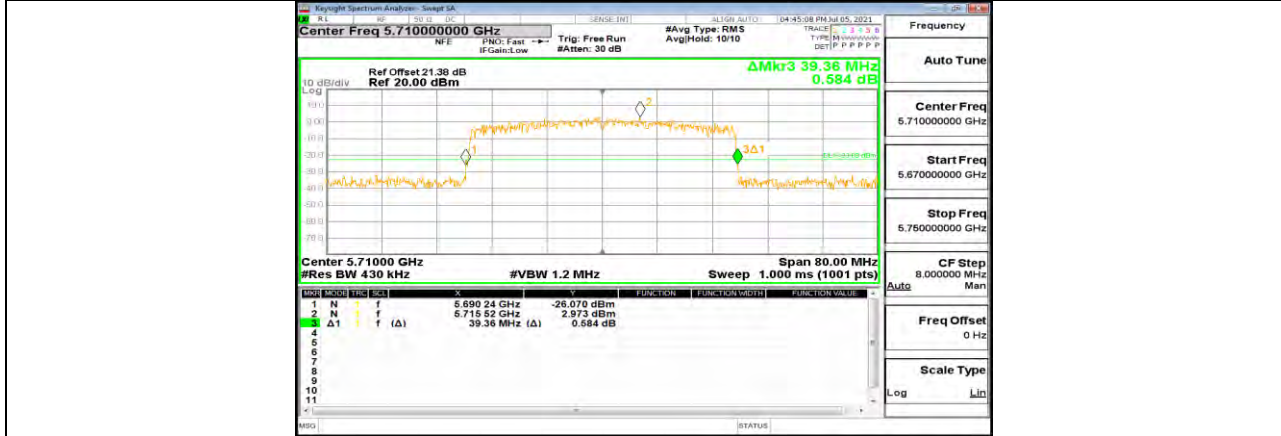
11AX40MIMO Ant2 5550



11AX40MIMO Ant1 5670



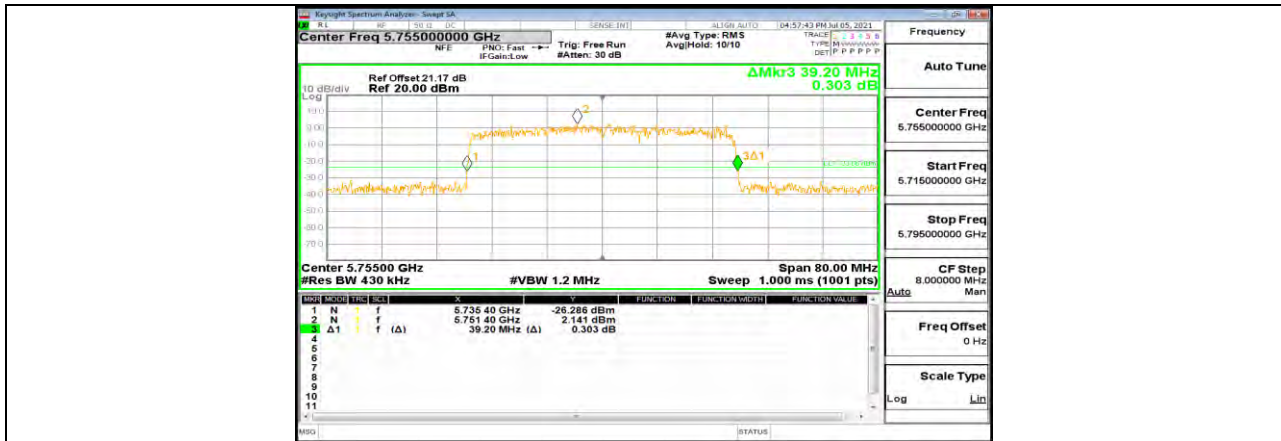
11AX40MIMO_Ant2_5670

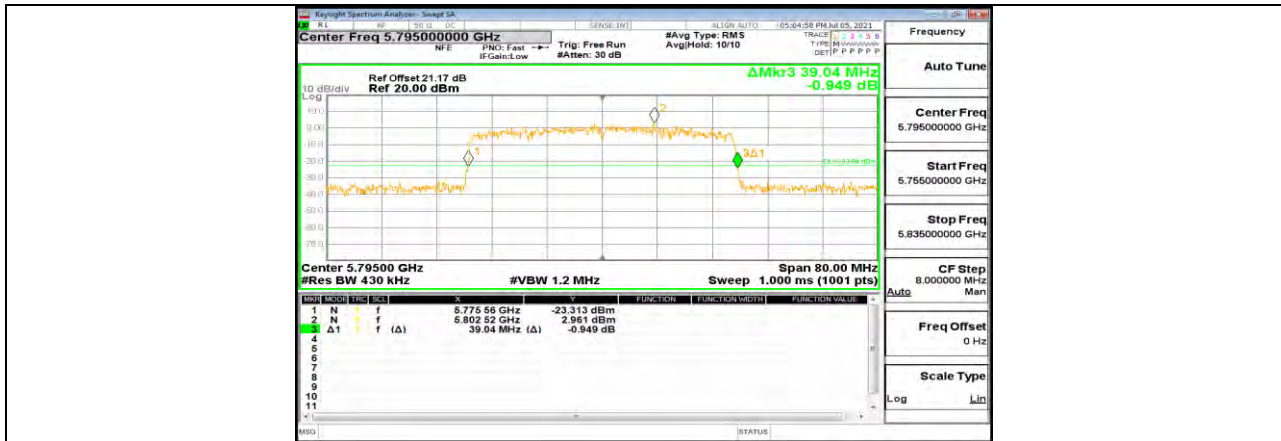


11AX40MIMO_Ant1_5710

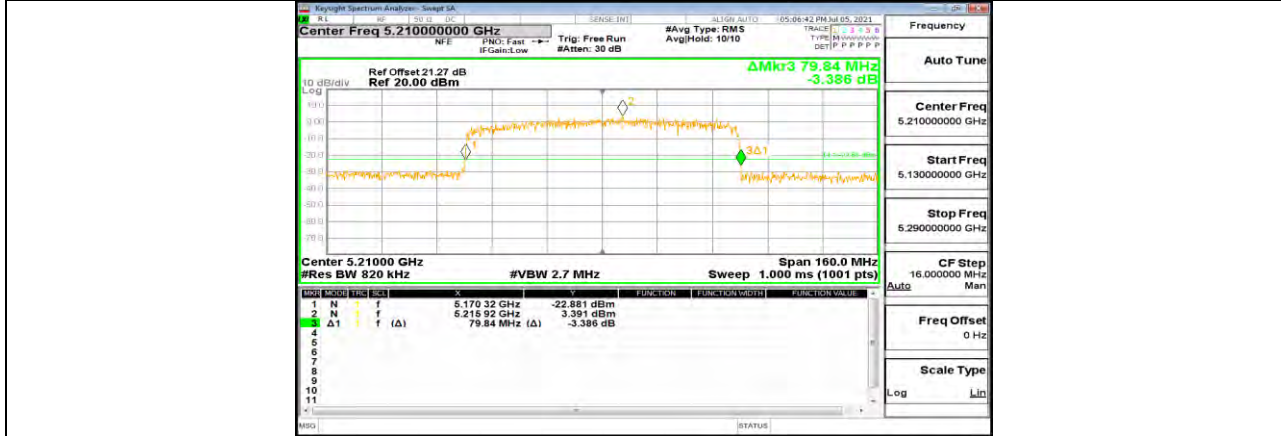


11AX40MIMO_Ant2_5710





11AX40MIMO_Ant2_5795



11AX80MIMO_Ant1_5210



11AX80MIMO_Ant2_5210



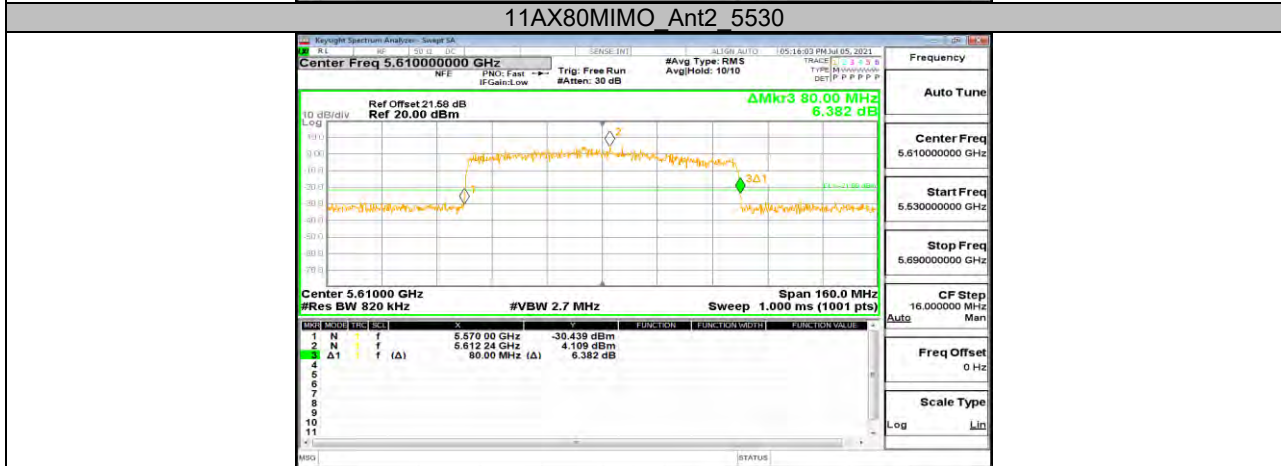
11AX80MIMO Ant1 5290



11AX80MIMO Ant2 5290

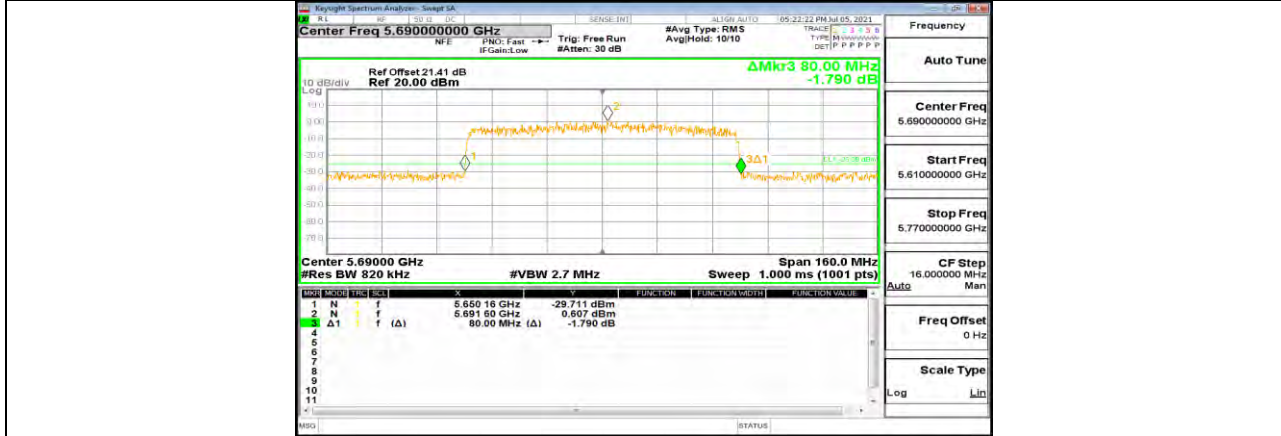


11AX80MIMO Ant1 5530





11AX80MIMO Ant1 5690



11AX80MIMO Ant2 5690



11AX80MIMO Ant1 5775



11AX80MIMO_Ant2_5775



13.2. Appendix A2: Occupied channel bandwidth

13.2.1. Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A20	Ant0	5180	17.276	5171.335	5188.611	PASS
	Ant1	5180	17.148	5171.451	5188.599	PASS
	Ant0	5200	17.106	5191.420	5208.526	PASS
	Ant1	5200	16.966	5191.430	5208.396	PASS
	Ant0	5240	17.055	5231.477	5248.532	PASS
	Ant1	5240	17.279	5231.359	5248.638	PASS
	Ant0	5260	16.890	5251.550	5268.440	PASS
	Ant1	5260	17.131	5251.476	5268.607	PASS
	Ant0	5280	17.045	5271.406	5288.451	PASS
	Ant1	5280	17.074	5271.478	5288.552	PASS
	Ant0	5320	16.951	5311.465	5328.416	PASS
	Ant1	5320	17.163	5311.426	5328.589	PASS
	Ant0	5500	16.976	5491.502	5508.478	PASS
	Ant1	5500	16.908	5491.651	5508.559	PASS
	Ant0	5580	16.974	5571.520	5588.494	PASS
	Ant1	5580	17.050	5571.455	5588.505	PASS
	Ant0	5700	16.929	5691.555	5708.484	PASS
	Ant1	5700	17.043	5691.435	5708.478	PASS
	Ant0	5720	17.164	5711.395	5728.559	PASS
	Ant1	5720	17.040	5711.467	5728.507	PASS
	Ant0	5720 UNII-2C	13.605	5711.395	5725	PASS
	Ant1	5720 UNII-2C	13.533	5711.467	5725	PASS
	Ant0	5720 UNII-3	3.559	5725	5728.559	PASS
	Ant1	5720 UNII-3	3.507	5725	5728.507	PASS
	Ant0	5745	16.992	5736.451	5753.443	PASS
	Ant1	5745	17.096	5736.514	5753.610	PASS
	Ant0	5785	17.072	5776.381	5793.453	PASS
	Ant1	5785	17.102	5776.433	5793.535	PASS
Ant0	5825	16.934	5816.429	5833.363	PASS	
Ant1	5825	17.152	5816.513	5833.665	PASS	
11N20MIMO	Ant0	5180	18.304	5170.805	5189.109	PASS
	Ant1	5180	18.021	5171.056	5189.077	PASS
	Ant0	5200	18.227	5190.855	5209.082	PASS
	Ant1	5200	18.096	5190.989	5209.085	PASS
	Ant0	5240	18.223	5230.949	5249.172	PASS
	Ant1	5240	18.085	5230.953	5249.038	PASS
	Ant0	5260	18.250	5250.954	5269.204	PASS
	Ant1	5260	18.139	5250.968	5269.107	PASS
	Ant0	5280	18.500	5270.740	5289.240	PASS
	Ant1	5280	18.082	5270.918	5289.000	PASS
	Ant0	5320	18.182	5310.890	5329.072	PASS
	Ant1	5320	18.135	5310.931	5329.066	PASS
	Ant0	5500	18.069	5491.013	5509.082	PASS
	Ant1	5500	18.033	5490.947	5508.980	PASS
	Ant0	5580	18.254	5570.882	5589.136	PASS
	Ant1	5580	18.188	5570.866	5589.054	PASS
	Ant0	5700	18.085	5690.901	5708.986	PASS
	Ant1	5700	18.043	5690.872	5708.915	PASS
	Ant0	5720	18.206	5710.936	5729.142	PASS
	Ant1	5720	18.128	5710.931	5729.059	PASS
Ant0	5720 UNII-2C	14.064	5710.936	5725	PASS	
Ant1	5720 UNII-2C	14.069	5710.931	5725	PASS	



	Ant0	5720 UNII-3	4.142	5725	5729.142	PASS
	Ant1	5720 UNII-3	4.059	5725	5729.059	PASS
	Ant0	5745	18.247	5735.857	5754.104	PASS
	Ant1	5745	18.268	5735.886	5754.154	PASS
	Ant0	5785	18.365	5775.799	5794.164	PASS
	Ant1	5785	18.134	5775.945	5794.079	PASS
	Ant0	5825	18.136	5815.902	5834.038	PASS
	Ant1	5825	18.119	5815.894	5834.013	PASS
11N40MIMO	Ant0	5190	35.638	5172.299	5207.937	PASS
	Ant1	5190	35.727	5172.225	5207.952	PASS
	Ant0	5230	35.988	5212.133	5248.121	PASS
	Ant1	5230	35.820	5212.175	5247.995	PASS
	Ant0	5270	35.802	5252.106	5287.908	PASS
	Ant1	5270	35.594	5252.332	5287.926	PASS
	Ant0	5310	35.848	5292.124	5327.972	PASS
	Ant1	5310	35.821	5292.116	5327.937	PASS
	Ant0	5510	35.954	5492.090	5528.044	PASS
	Ant1	5510	35.897	5492.072	5527.969	PASS
	Ant0	5550	35.843	5532.125	5567.968	PASS
	Ant1	5550	35.797	5532.162	5567.959	PASS
	Ant0	5670	35.829	5652.196	5688.025	PASS
	Ant1	5670	35.822	5652.093	5687.915	PASS
	Ant0	5710	35.843	5692.144	5727.987	PASS
	Ant1	5710	35.864	5692.060	5727.924	PASS
	Ant0	5710 UNII-2C	32.856	5692.144	5725	PASS
	Ant1	5710 UNII-2C	32.94	5692.060	5725	PASS
	Ant0	5710 UNII-3	2.987	5725	5727.987	PASS
	Ant1	5710 UNII-3	2.924	5725	5727.924	PASS
	Ant0	5755	35.886	5737.032	5772.918	PASS
	Ant1	5755	35.908	5737.130	5773.038	PASS
	Ant0	5795	35.958	5777.055	5813.013	PASS
	Ant1	5795	35.930	5777.099	5813.029	PASS
11AC80MIMO	Ant0	5210	75.350	5172.654	5248.004	PASS
	Ant1	5210	75.168	5172.593	5247.761	PASS
	Ant0	5290	75.278	5252.603	5327.881	PASS
	Ant1	5290	75.378	5252.388	5327.766	PASS
	Ant0	5530	75.374	5492.547	5567.921	PASS
	Ant1	5530	75.251	5492.540	5567.791	PASS
	Ant0	5610	75.245	5572.348	5647.593	PASS
	Ant1	5610	75.341	5572.272	5647.613	PASS
	Ant0	5690	75.593	5652.244	5727.837	PASS
	Ant1	5690	75.392	5652.366	5727.758	PASS
	Ant0	5690 UNII-2C	72.756	5652.244	5725	PASS
	Ant1	5690 UNII-2C	72.634	5652.366	5725	PASS
	Ant0	5690 UNII-3	2.837	5725	5727.837	PASS
	Ant1	5690 UNII-3	2.758	5725	5727.758	PASS
	Ant0	5775	75.413	5737.501	5812.914	PASS
	Ant1	5775	75.270	5737.525	5812.795	PASS
11AX20MIMO	Ant0	5180	19.009	5170.556	5189.565	PASS
	Ant1	5180	19.106	5170.474	5189.580	PASS
	Ant0	5200	19.111	5190.400	5209.511	PASS
	Ant1	5200	19.006	5190.519	5209.525	PASS
	Ant0	5240	19.033	5230.476	5249.509	PASS
	Ant1	5240	19.042	5230.458	5249.500	PASS
	Ant0	5260	19.010	5250.544	5269.554	PASS
	Ant1	5260	18.964	5250.526	5269.490	PASS
	Ant0	5280	18.935	5270.550	5289.485	PASS
	Ant1	5280	19.028	5270.507	5289.535	PASS
	Ant0	5320	19.006	5310.490	5329.496	PASS
	Ant1	5320	18.983	5310.483	5329.466	PASS

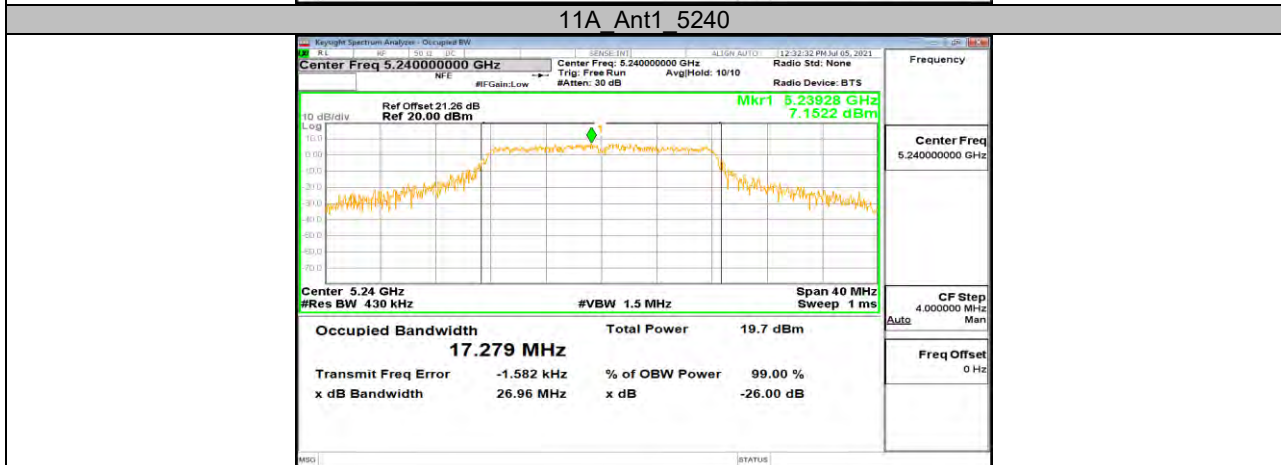
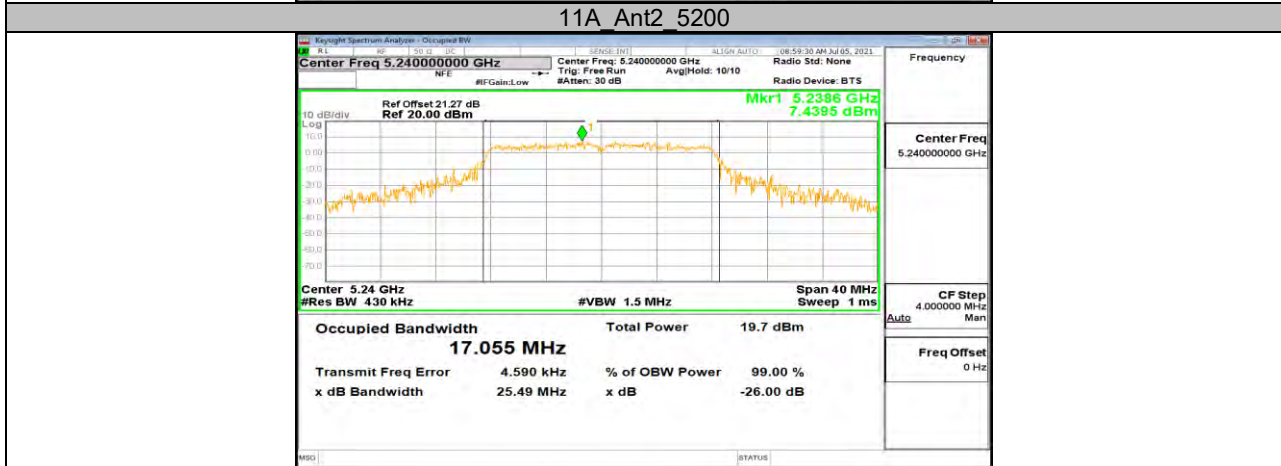
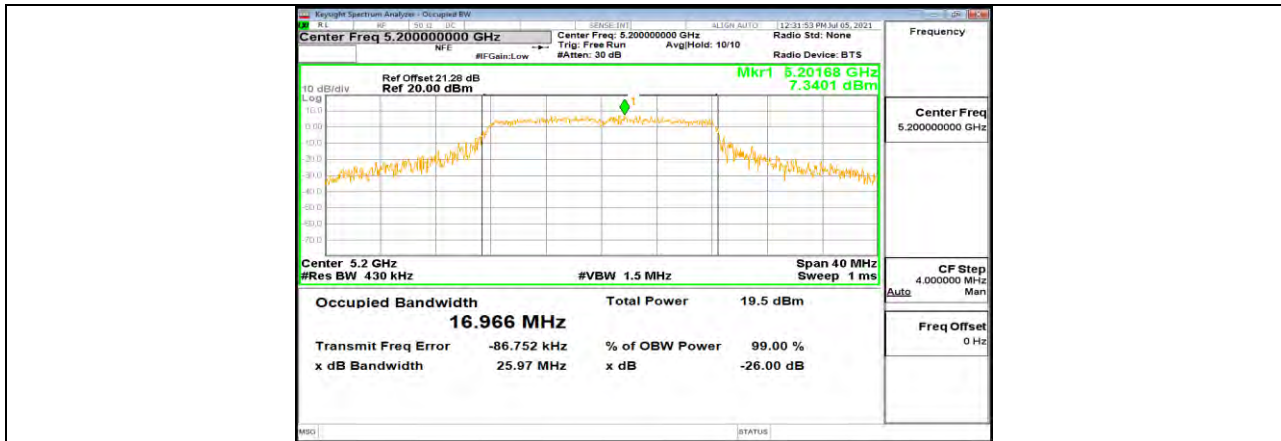


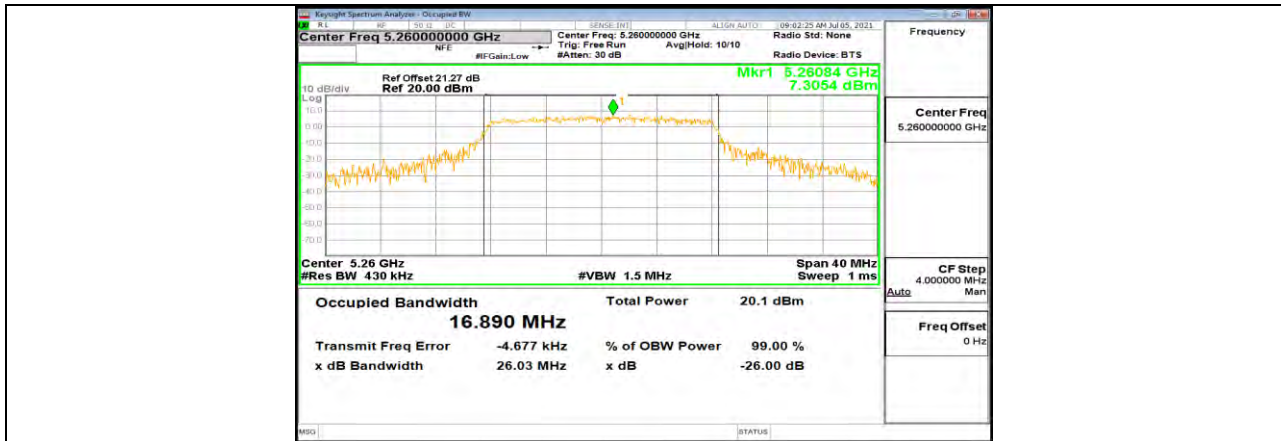
	Ant0	5500	18.967	5490.461	5509.428	PASS
	Ant1	5500	18.940	5490.516	5509.456	PASS
	Ant0	5580	18.975	5570.506	5589.481	PASS
	Ant1	5580	19.011	5570.482	5589.493	PASS
	Ant0	5700	18.983	5690.504	5709.487	PASS
	Ant1	5700	18.968	5690.511	5709.479	PASS
	Ant0	5720	18.992	5710.514	5729.506	PASS
	Ant1	5720	18.931	5710.541	5729.472	PASS
	Ant0	5720 UNII-2C	14.486	5710.514	5725	PASS
	Ant1	5720 UNII-2C	14.459	5710.541	5725	PASS
	Ant0	5720 UNII-3	4.506	5725	5729.506	PASS
	Ant1	5720 UNII-3	4.472	5725	5729.472	PASS
	Ant0	5745	19.028	5735.485	5754.513	PASS
	Ant1	5745	19.194	5735.401	5754.595	PASS
	Ant0	5785	19.032	5775.455	5794.487	PASS
	Ant1	5785	18.874	5775.543	5794.417	PASS
	Ant0	5825	18.987	5815.546	5834.533	PASS
	Ant1	5825	19.145	5815.418	5834.563	PASS
11AX40MIMO	Ant0	5190	37.475	5171.345	5208.820	PASS
	Ant1	5190	37.464	5171.396	5208.860	PASS
	Ant0	5230	37.501	5211.365	5248.866	PASS
	Ant1	5230	37.434	5211.331	5248.765	PASS
	Ant0	5270	37.198	5251.450	5288.648	PASS
	Ant1	5270	37.471	5251.371	5288.842	PASS
	Ant0	5310	37.463	5291.379	5328.842	PASS
	Ant1	5310	37.532	5291.318	5328.850	PASS
	Ant0	5510	37.631	5491.258	5528.889	PASS
	Ant1	5510	37.520	5491.185	5528.705	PASS
	Ant0	5550	37.454	5531.299	5568.753	PASS
	Ant1	5550	37.658	5531.253	5568.911	PASS
	Ant0	5670	37.595	5651.206	5688.801	PASS
	Ant1	5670	37.623	5651.247	5688.870	PASS
	Ant0	5710	37.562	5691.283	5728.845	PASS
	Ant1	5710	37.650	5691.163	5728.813	PASS
	Ant0	5710 UNII-2C	33.717	5691.283	5725	PASS
	Ant1	5710 UNII-2C	33.837	5691.163	5725	PASS
	Ant0	5710 UNII-3	3.845	5725	5728.845	PASS
	Ant1	5710 UNII-3	3.813	5725	5728.813	PASS
	Ant0	5755	37.419	5736.296	5773.715	PASS
		5795	37.763	5776.126	5813.889	PASS
	Ant0	5795	37.713	5776.159	5813.872	PASS
11AX80MIMO	Ant1	5210	76.636	5171.995	5248.631	PASS
	Ant0	5210	77.026	5171.679	5248.705	PASS
	Ant1	5290	75.617	5252.190	5327.807	PASS
	Ant0	5290	76.590	5251.871	5328.461	PASS
	Ant1	5530	77.165	5491.806	5568.971	PASS
	Ant0	5530	77.151	5491.555	5568.706	PASS
	Ant1	5610	76.802	5571.534	5648.336	PASS
	Ant0	5610	76.328	5571.699	5648.027	PASS
	Ant1	5690	76.975	5651.687	5728.662	PASS
	Ant0	5690	76.964	5651.564	5728.528	PASS
	Ant1	5690 UNII-2C	73.313	5651.687	5725	PASS
	Ant0	5690 UNII-2C	73.436	5651.564	5725	PASS
	Ant1	5690 UNII-3	3.662	5725	5728.662	PASS
	Ant0	5690 UNII-3	3.528	5725	5728.528	PASS
	Ant1	5775	76.840	5736.880	5813.720	PASS
Ant0	5775	77.001	5736.702	5813.703	PASS	



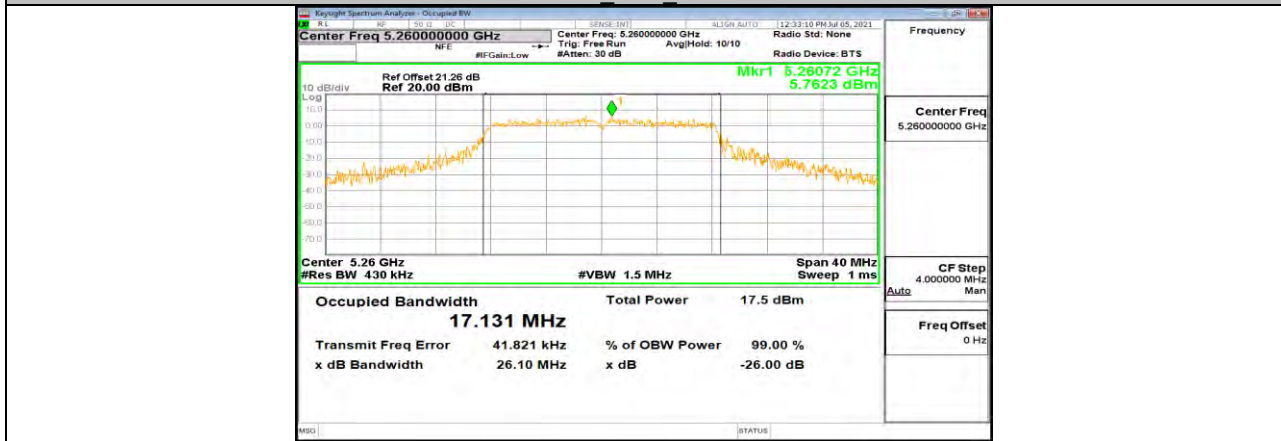
13.2.2. Test Graphs



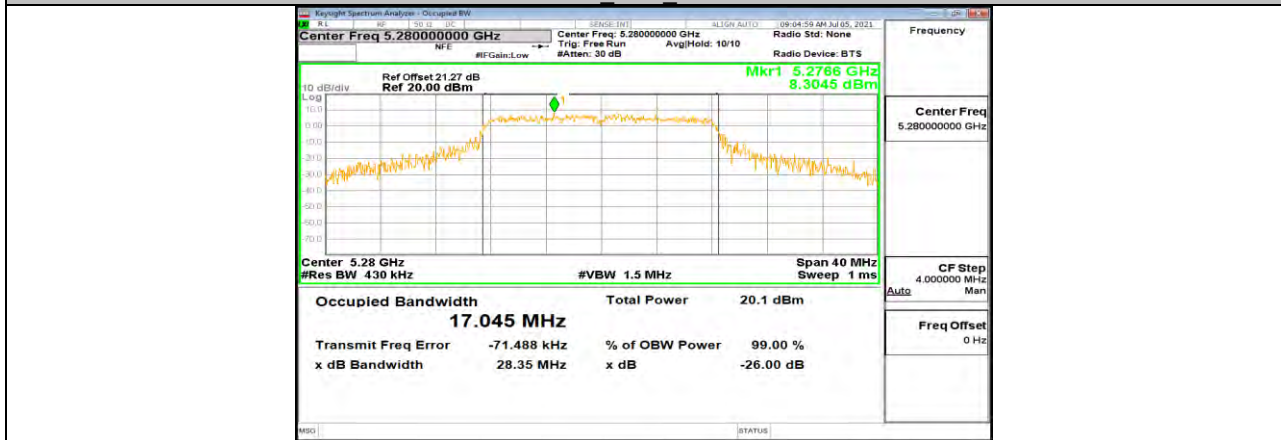




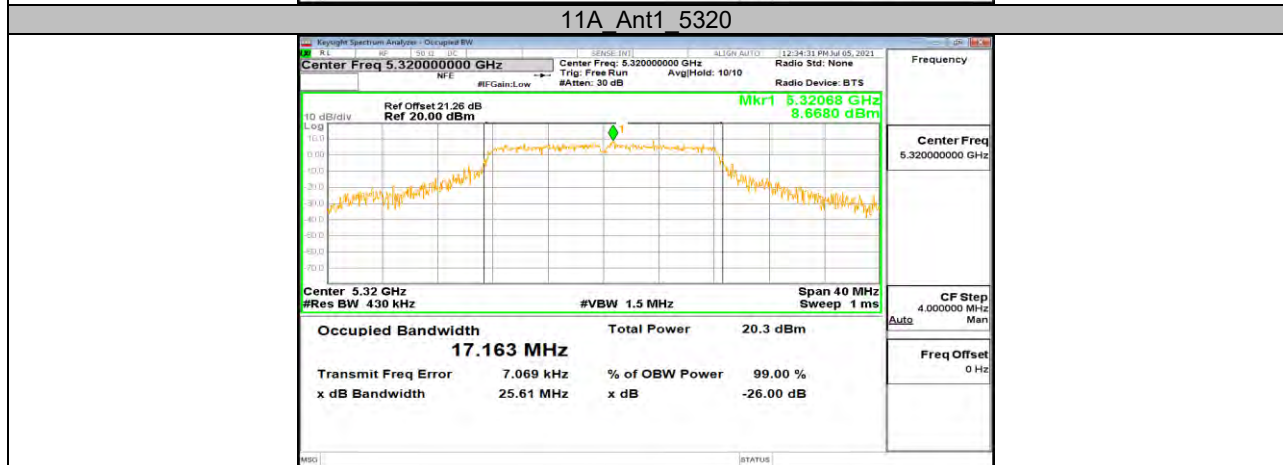
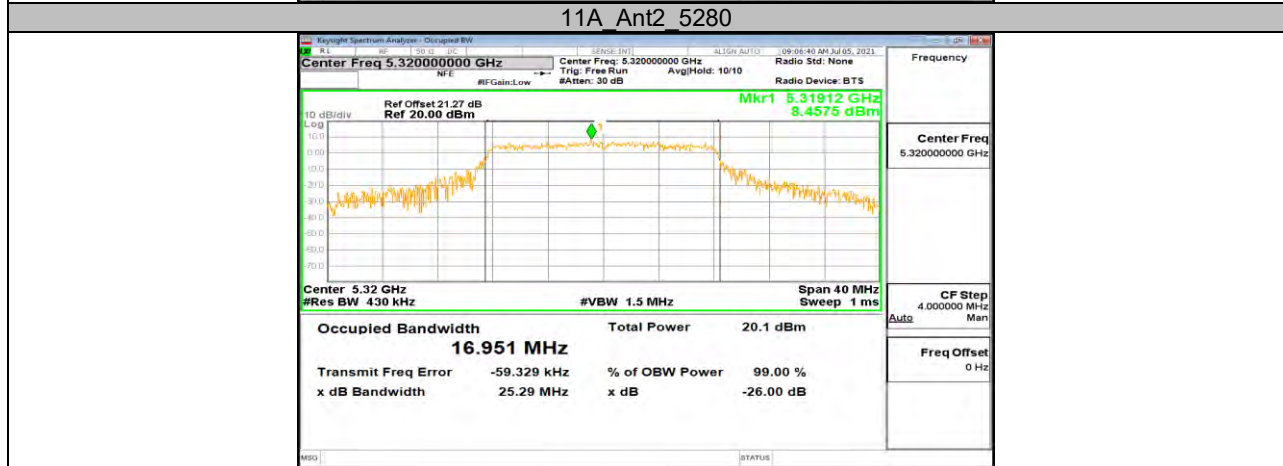
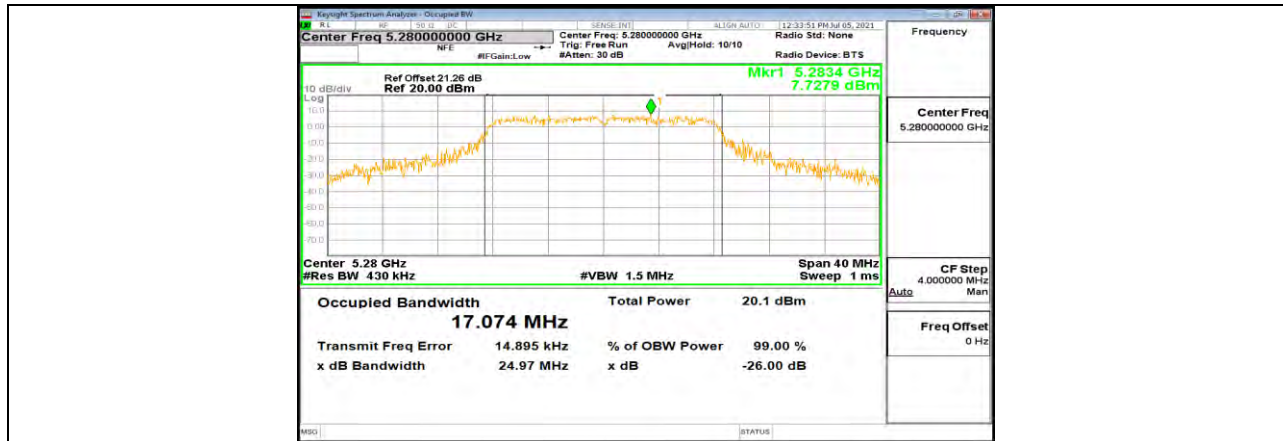
11A Ant1 5260

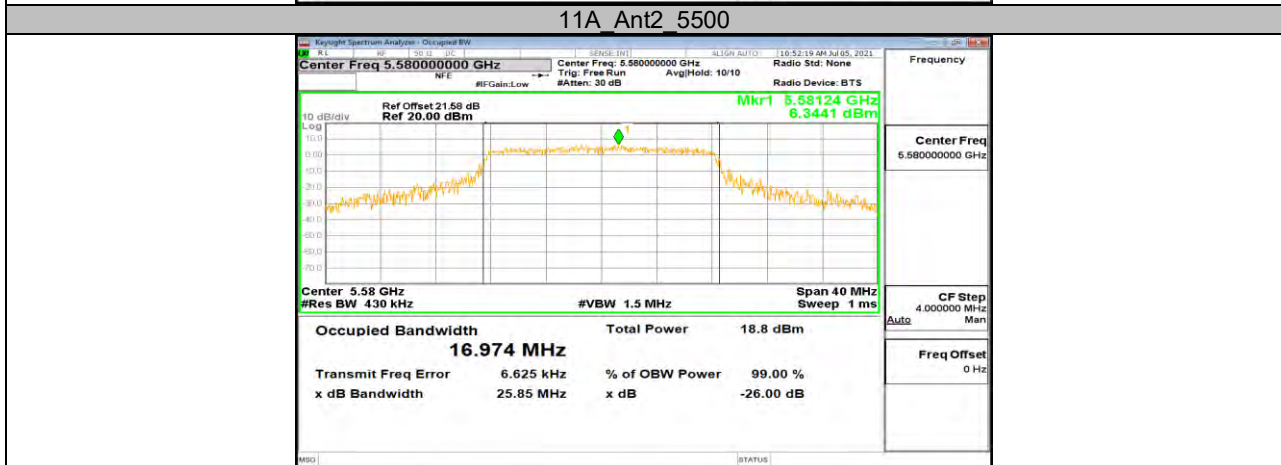
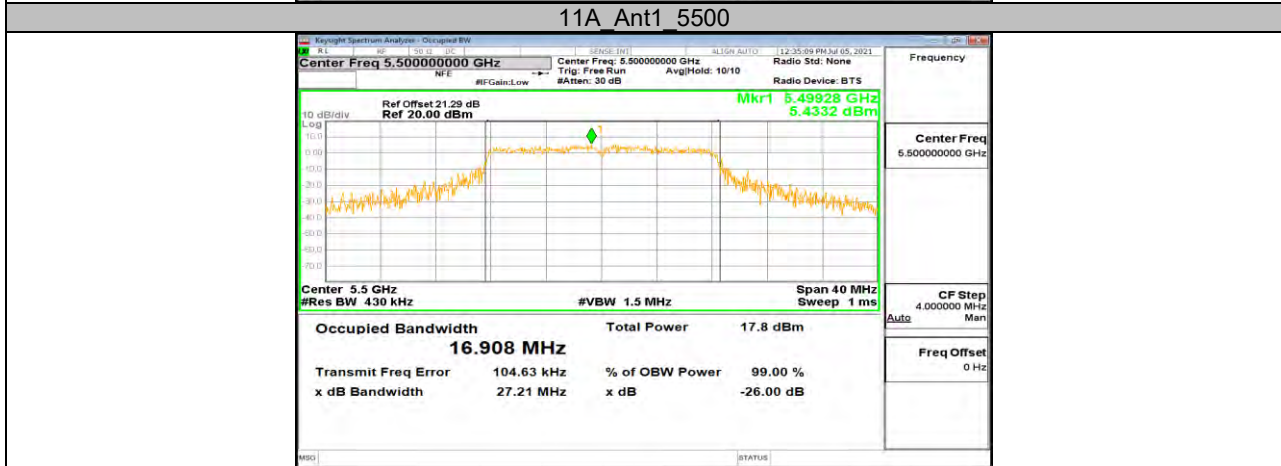
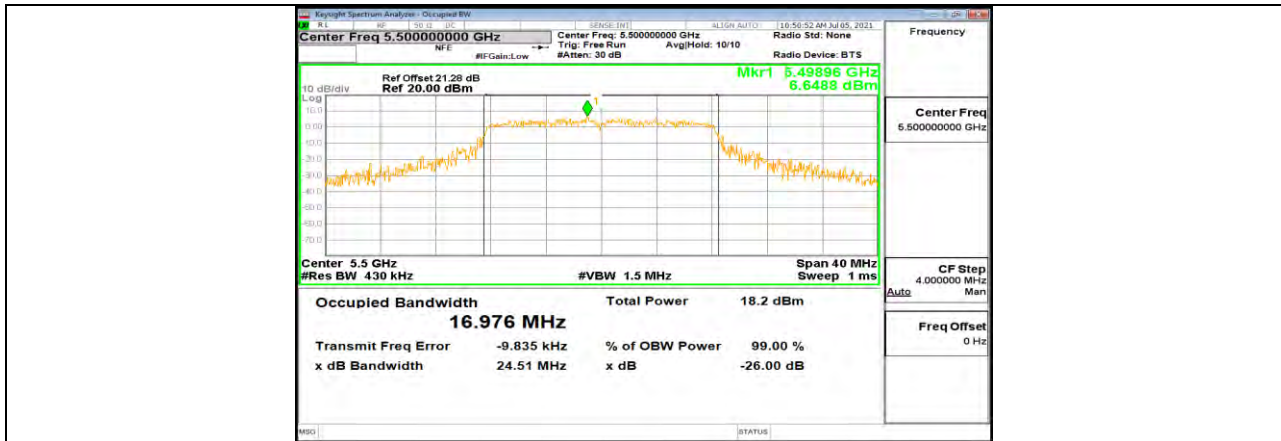


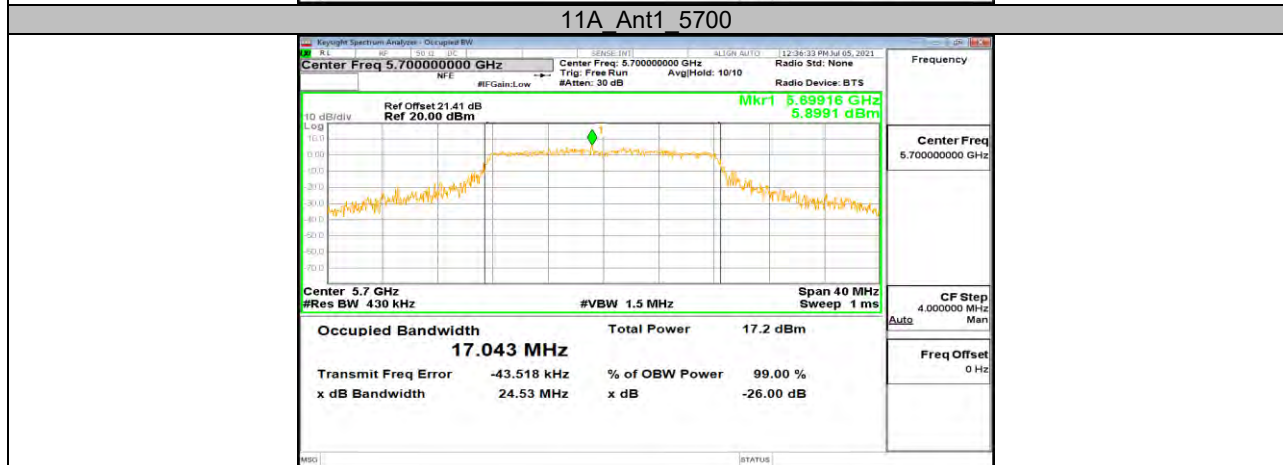
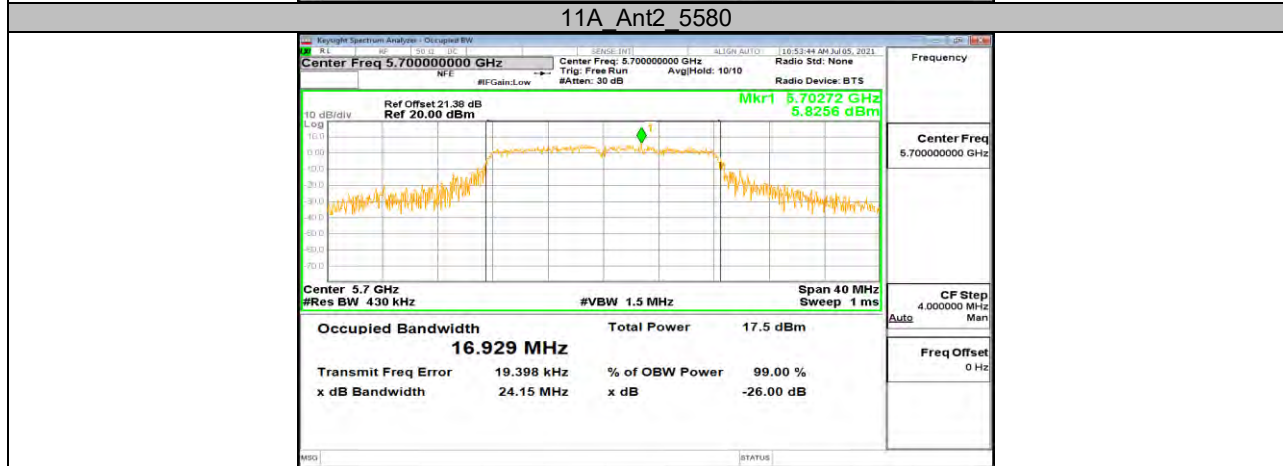
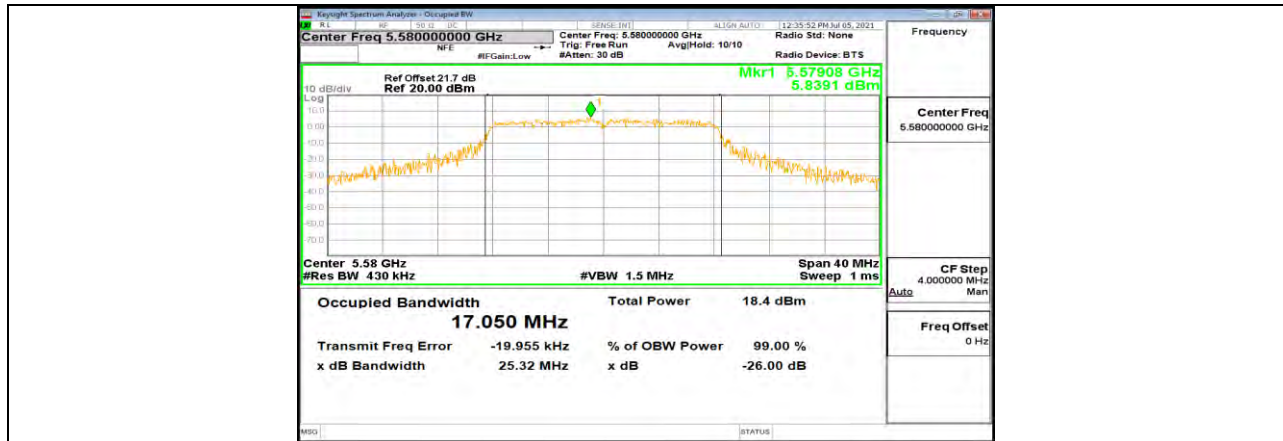
11A Ant2 5260

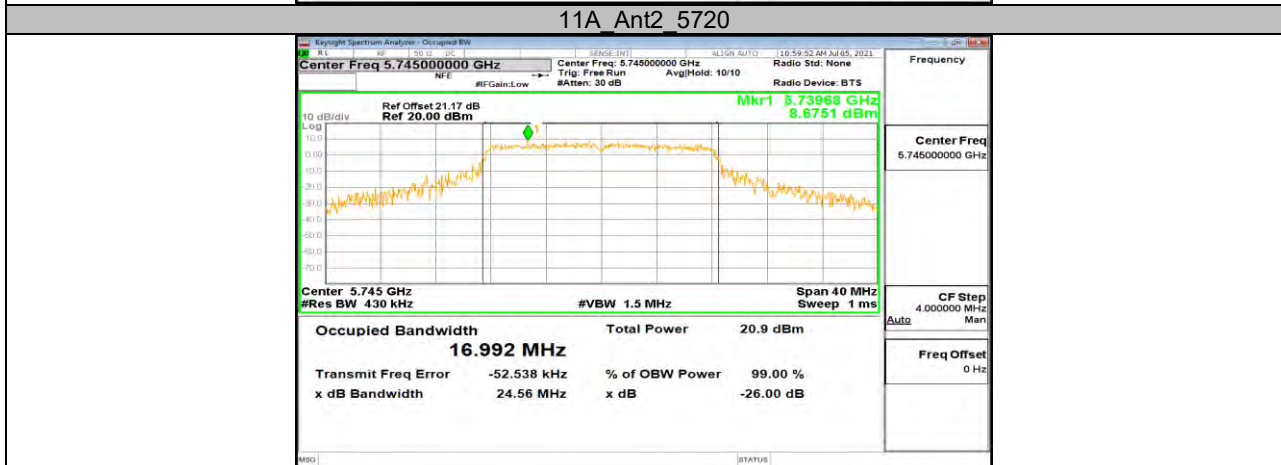
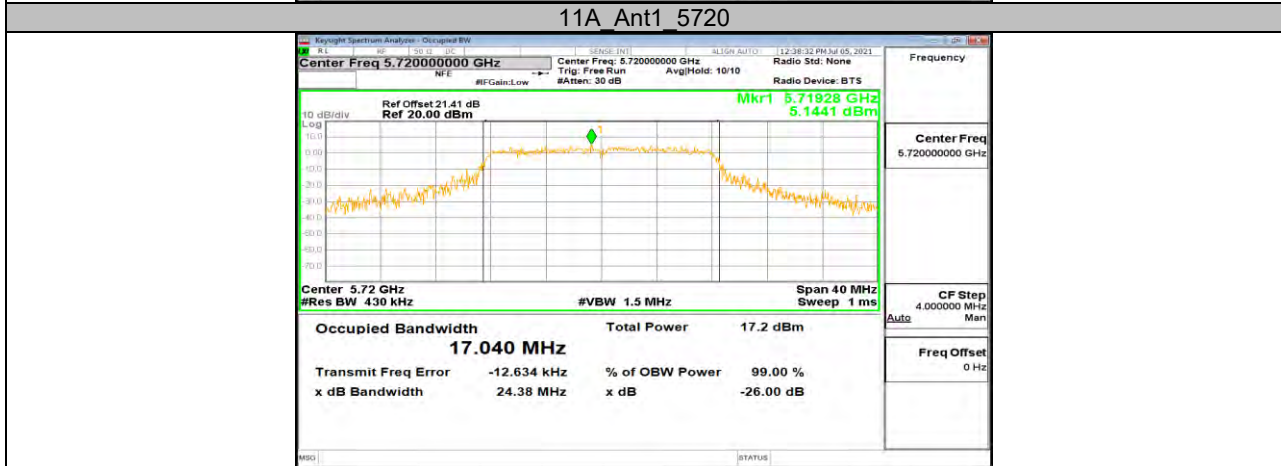
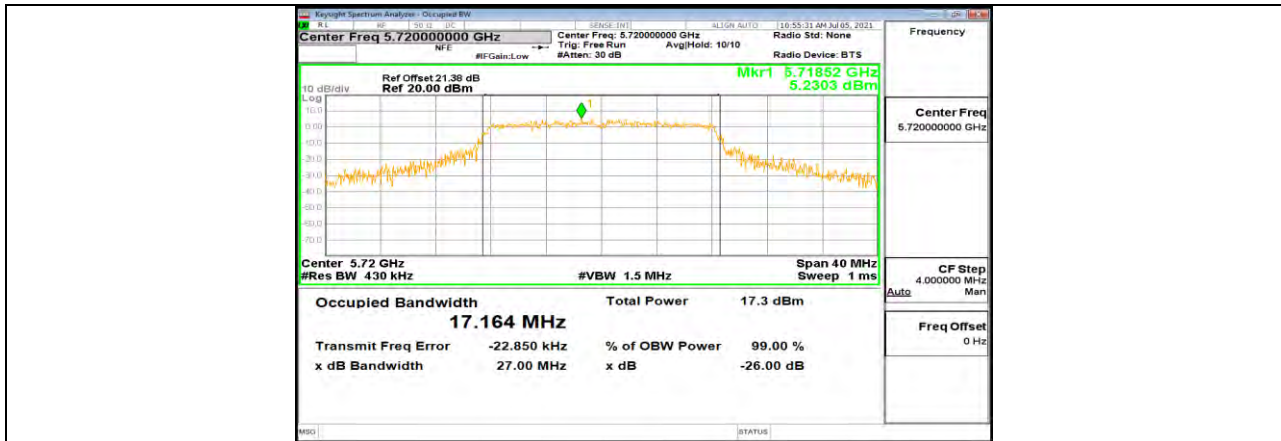


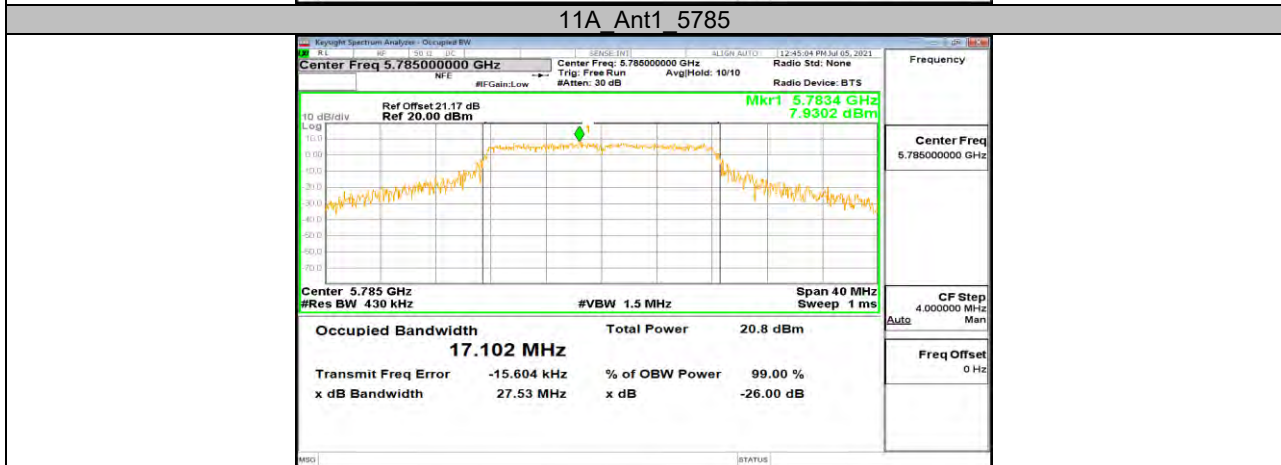
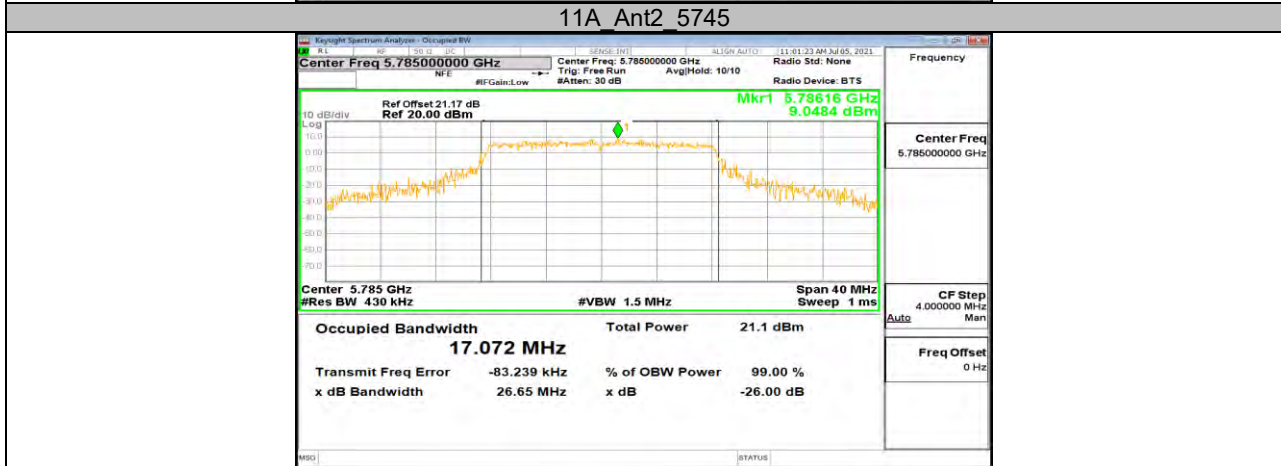
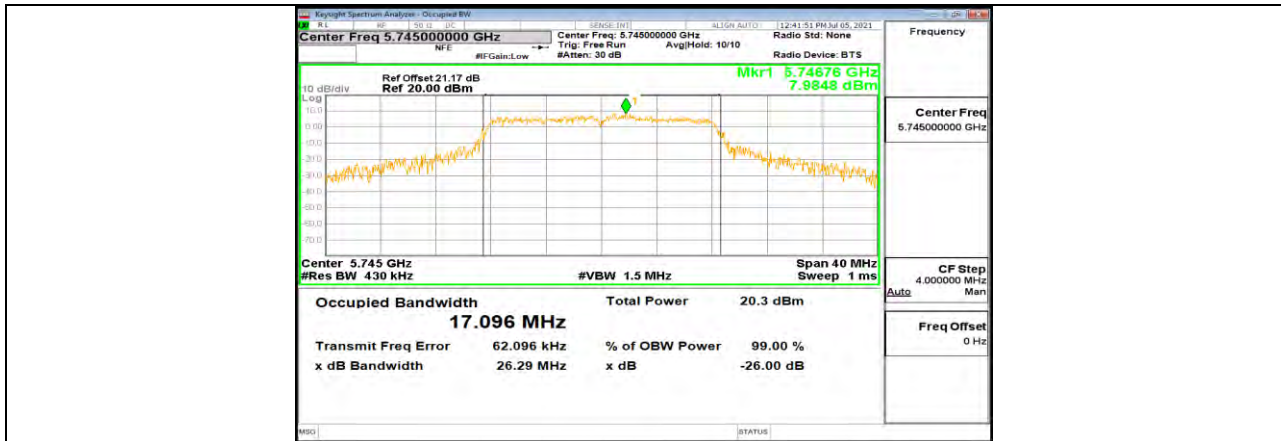
11A Ant1 5280

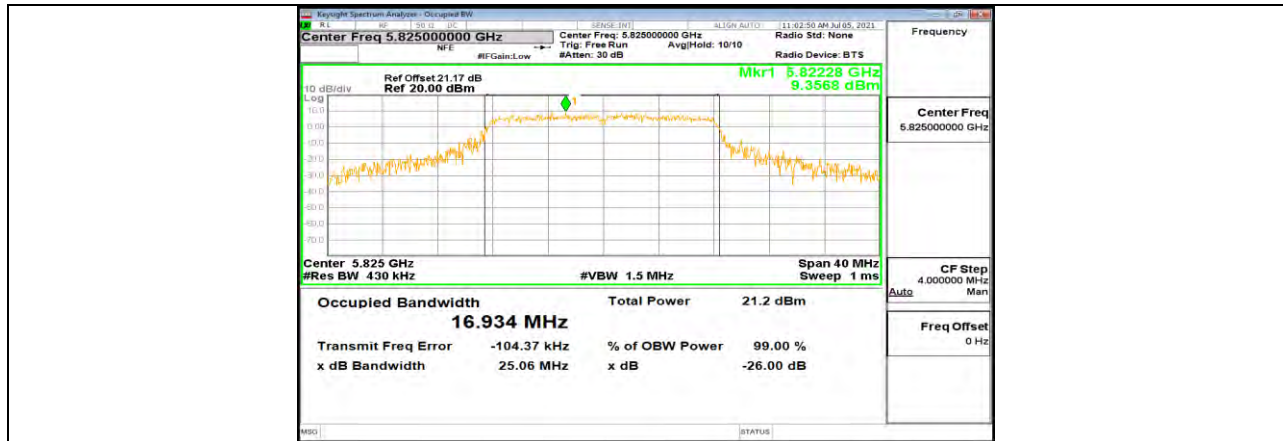




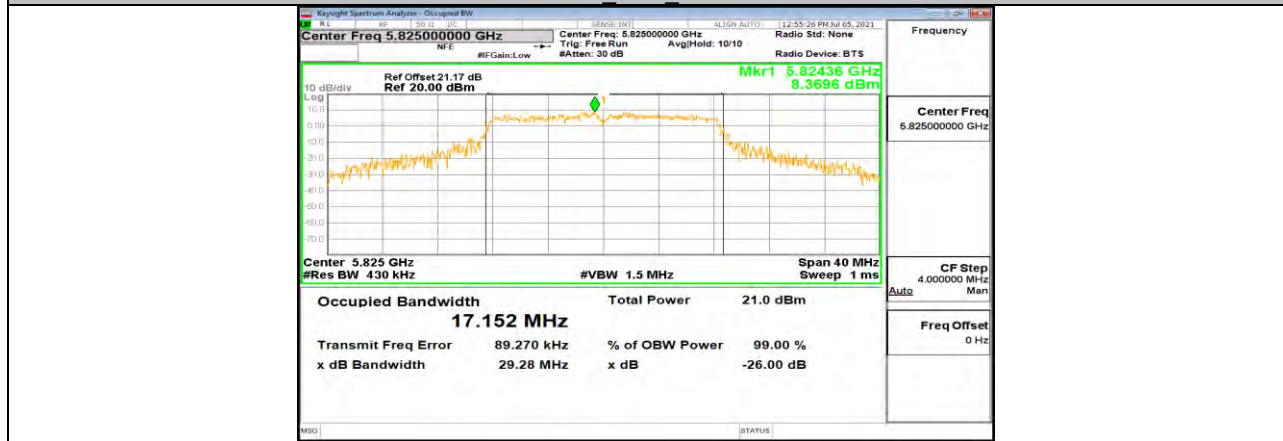




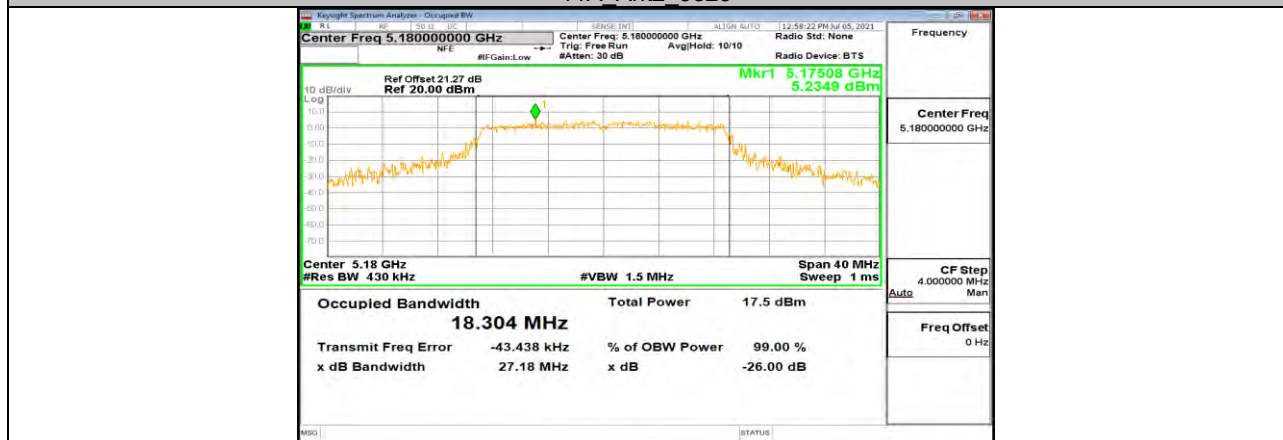




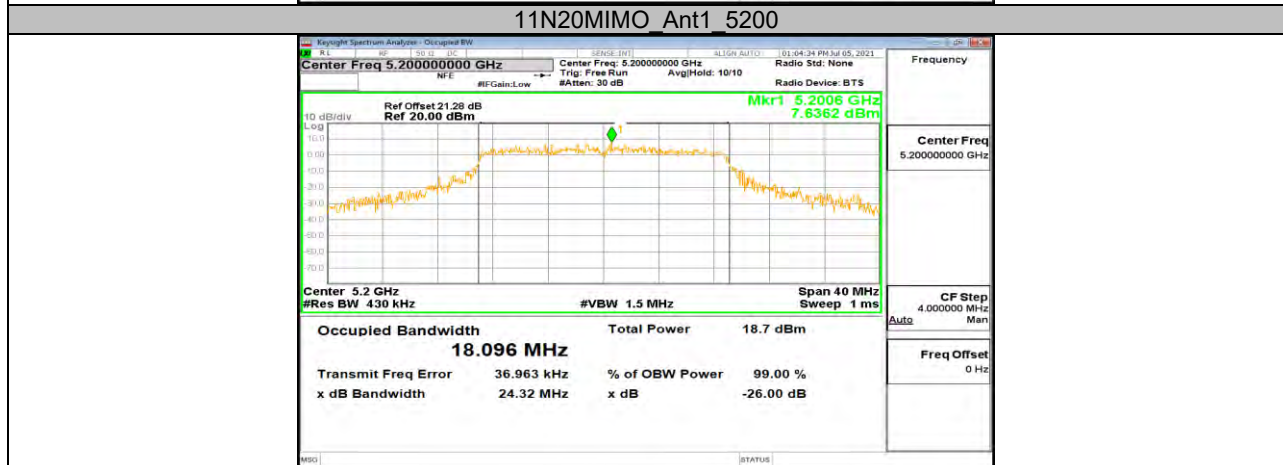
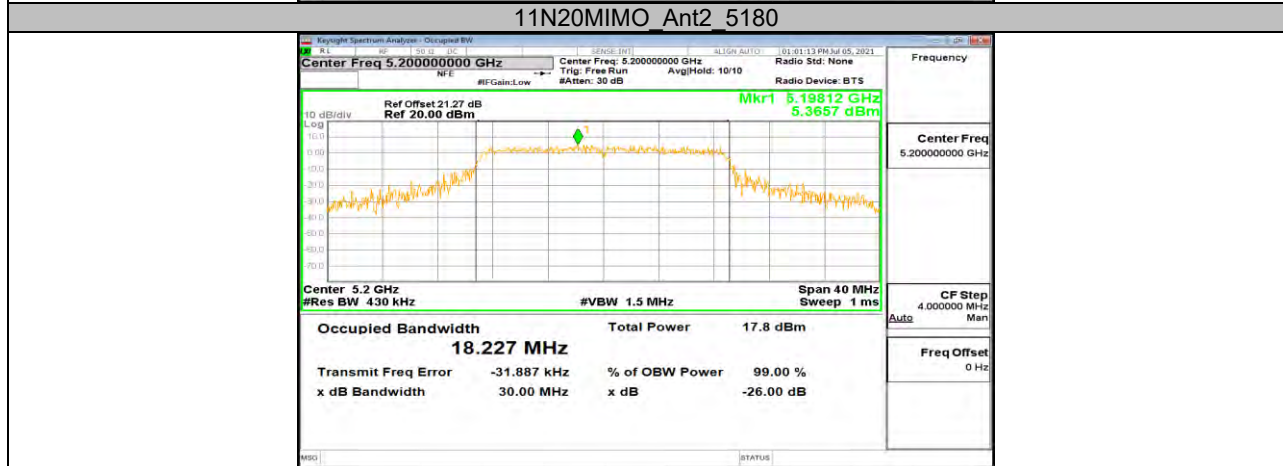
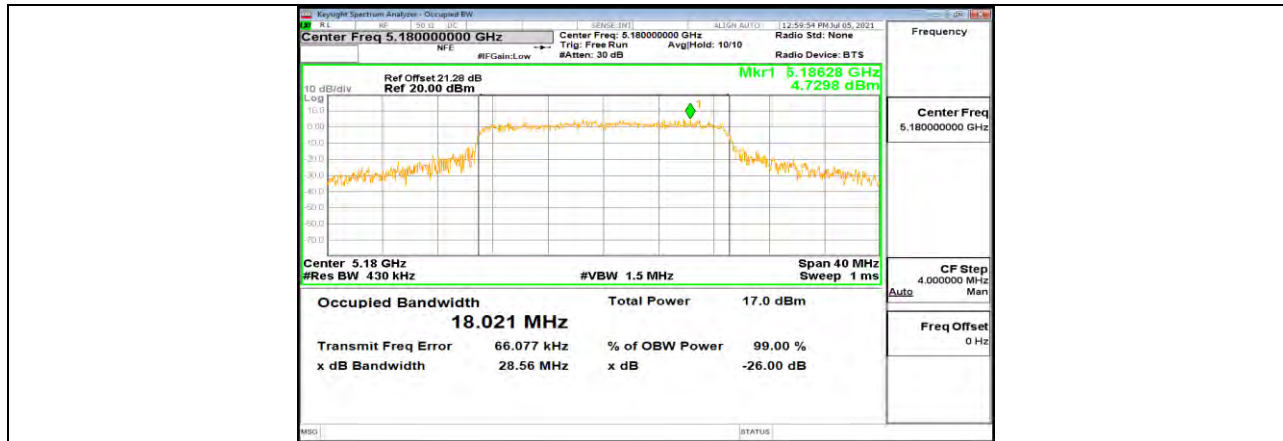
11A Ant1 5825

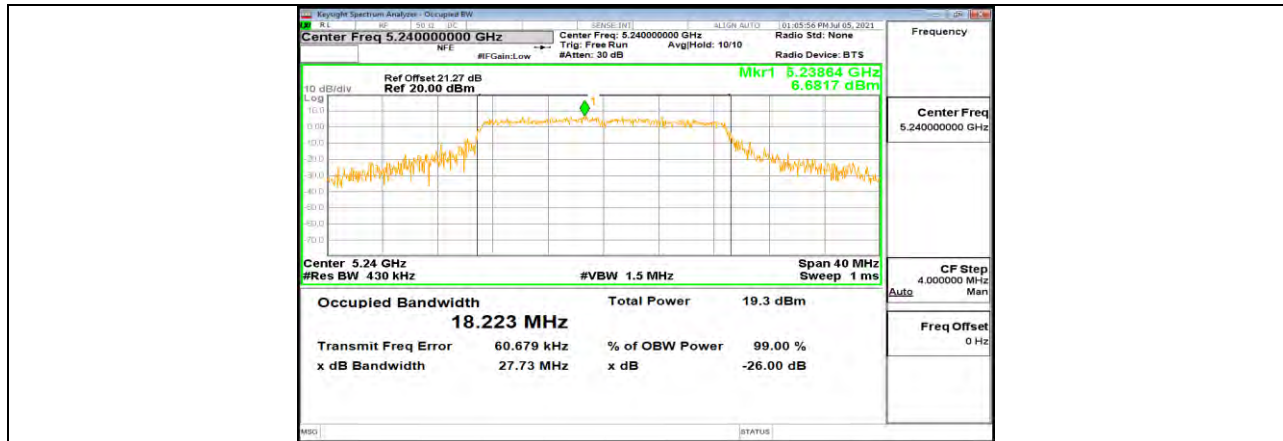


11A Ant2 5825

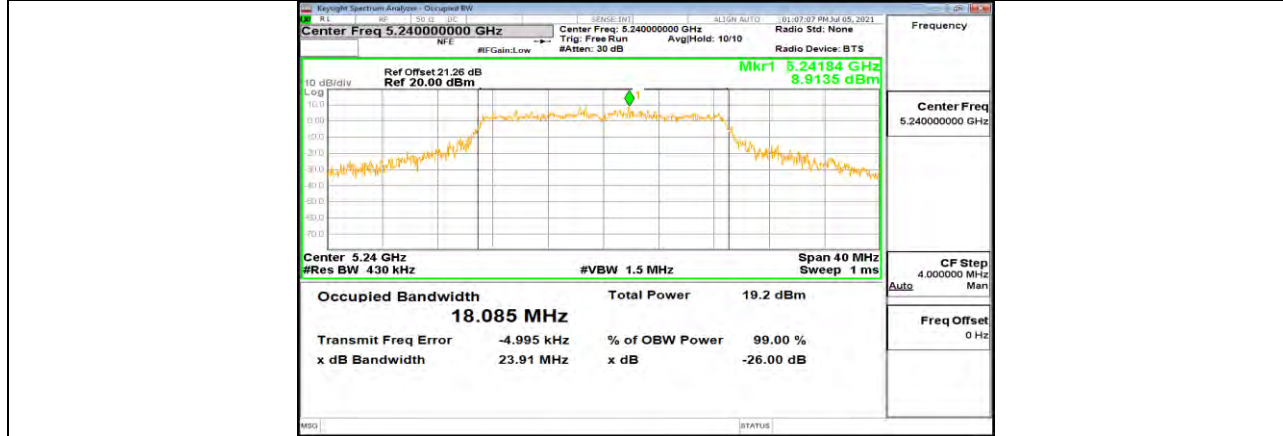


11N20MIMO Ant1 5180

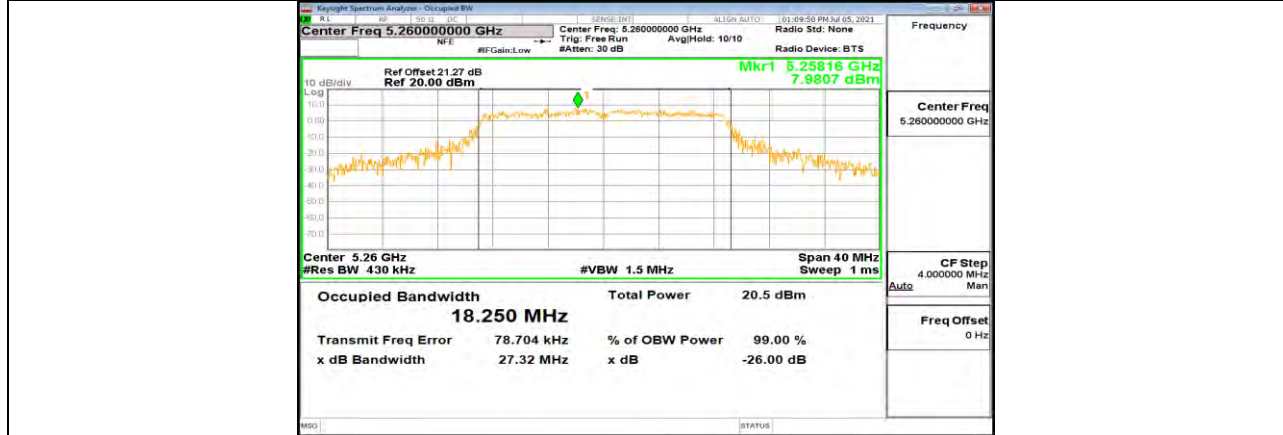




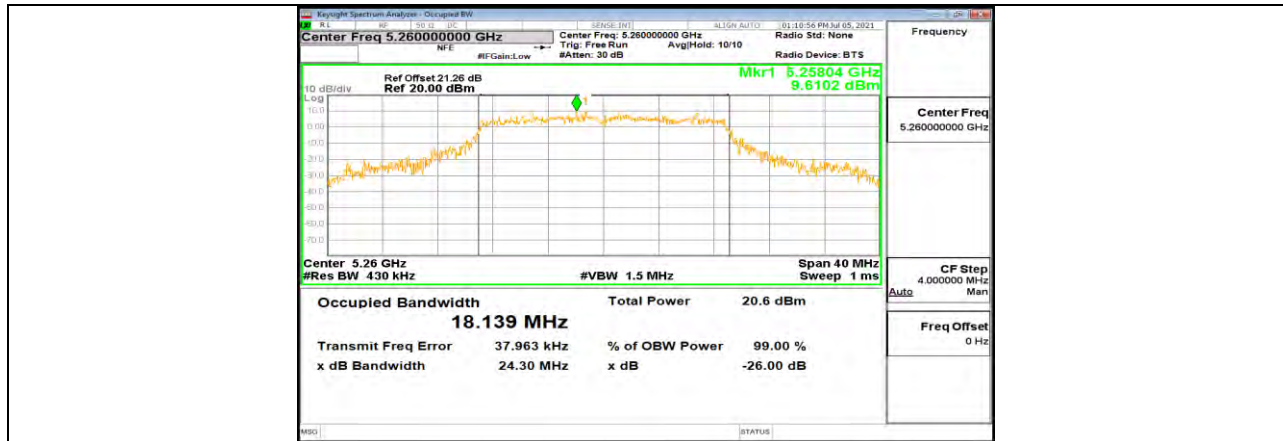
11N20MIMO Ant1 5240



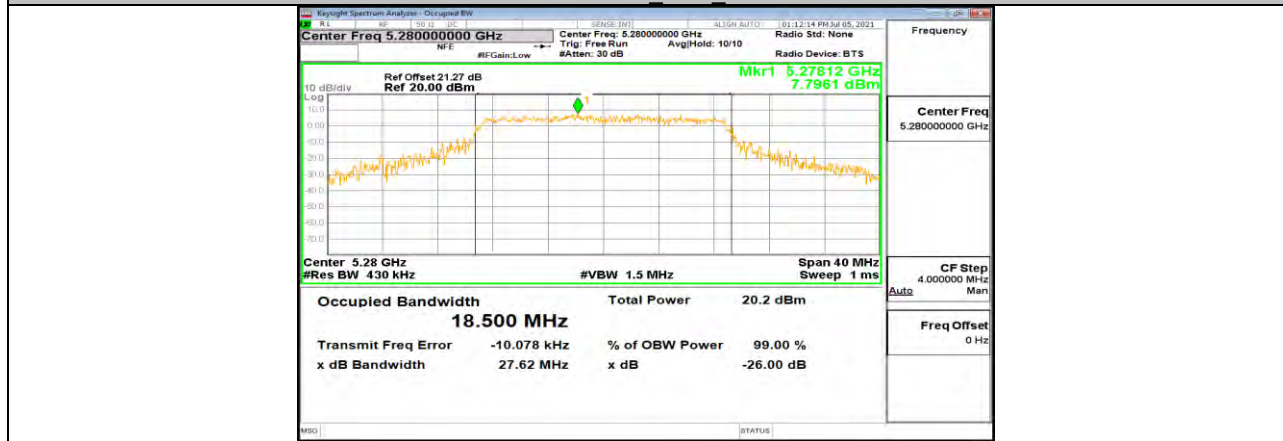
11N20MIMO Ant2 5240



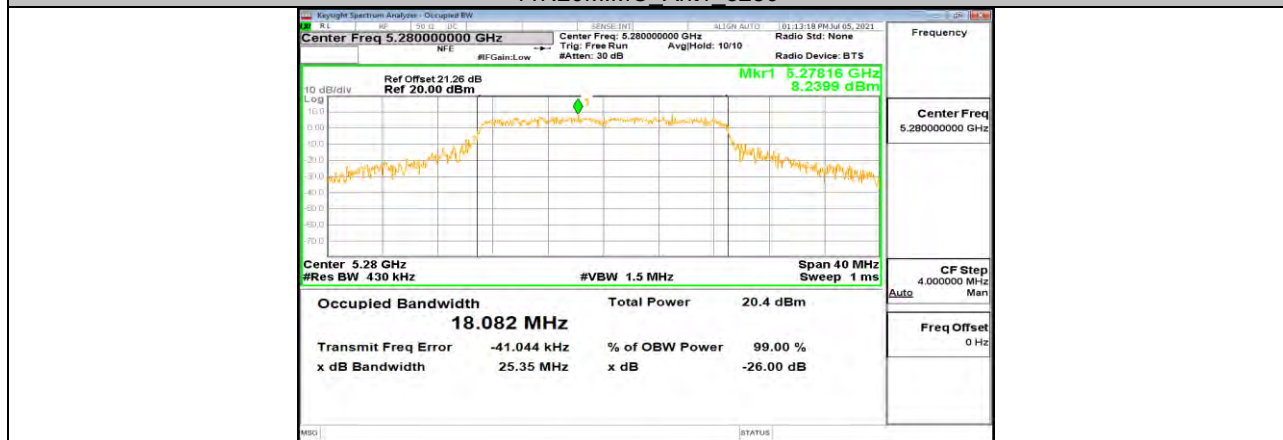
11N20MIMO Ant1 5260



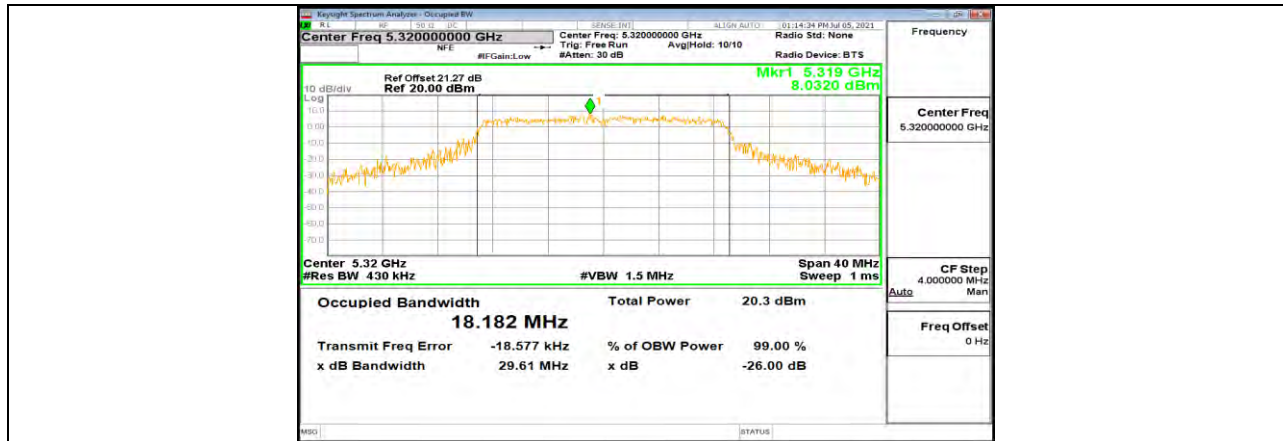
11N20MIMO Ant2 5260



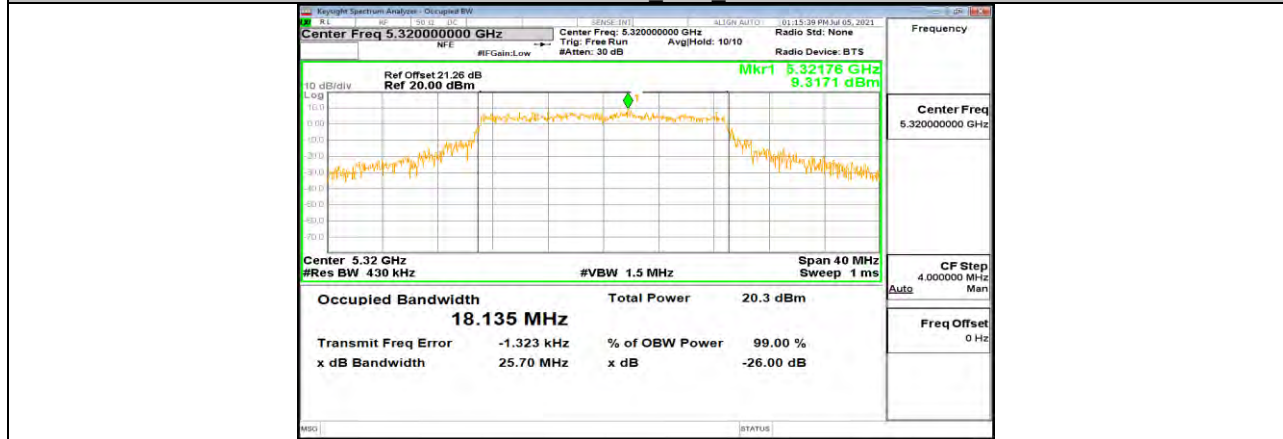
11N20MIMO Ant1 5280



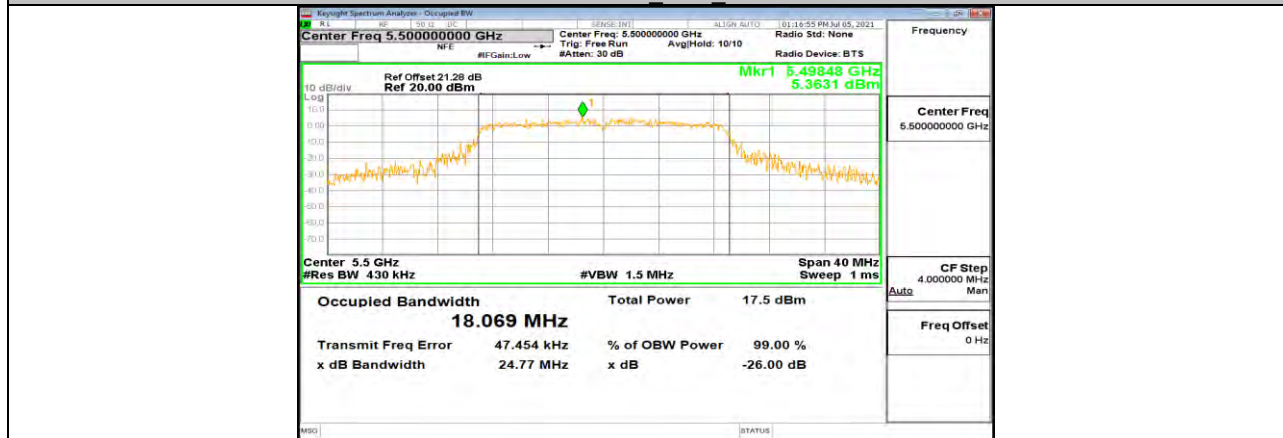
11N20MIMO Ant2 5280



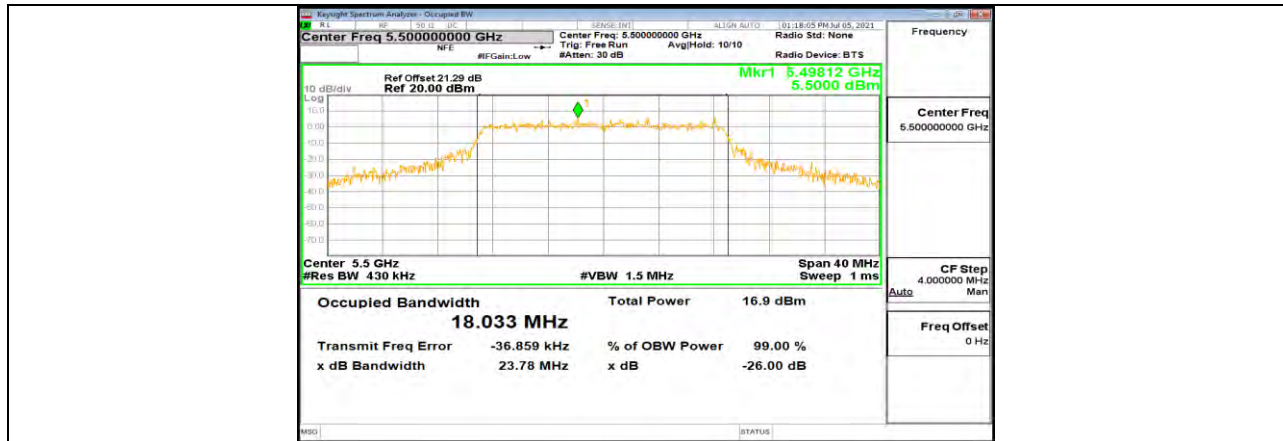
11N20MIMO Ant1 5320



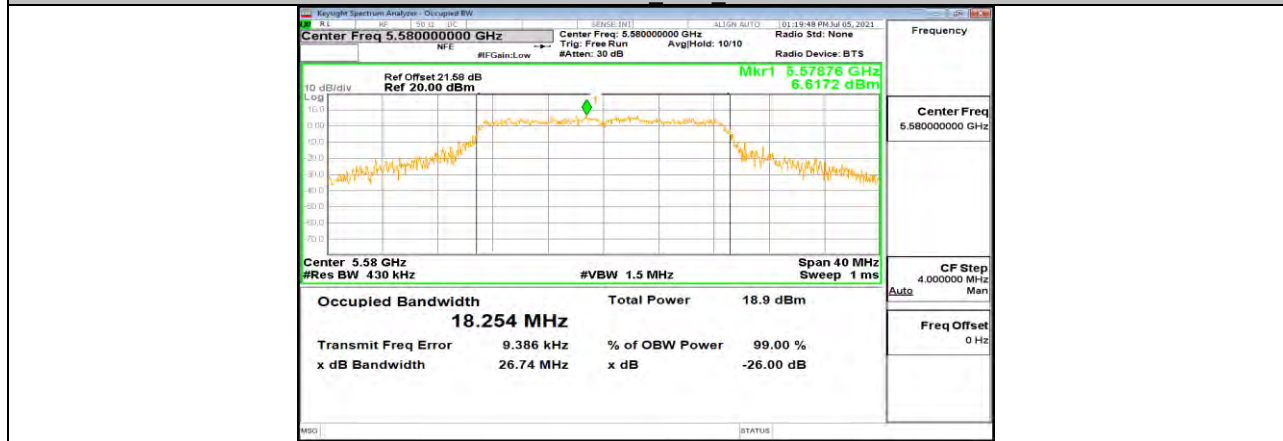
11N20MIMO Ant2 5320



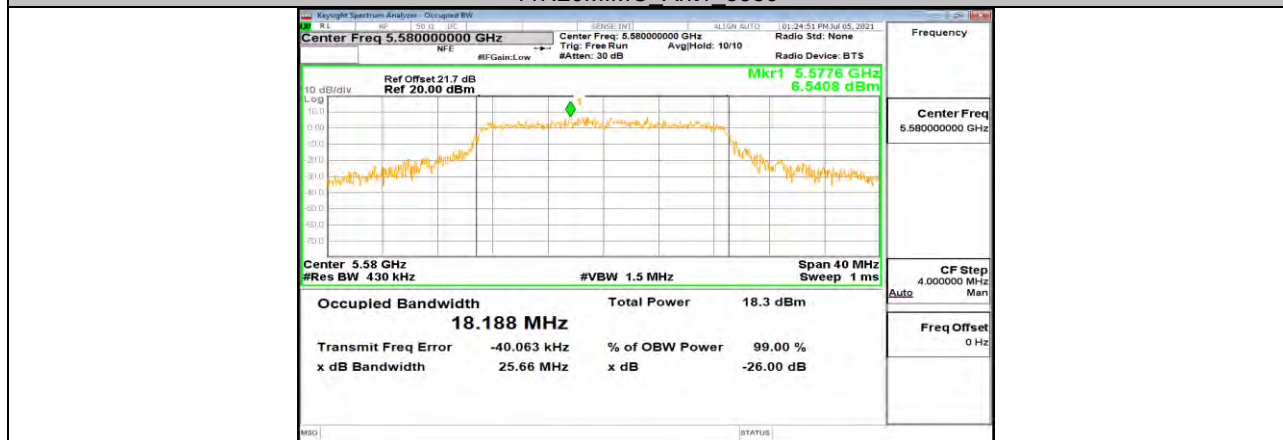
11N20MIMO Ant1 5500



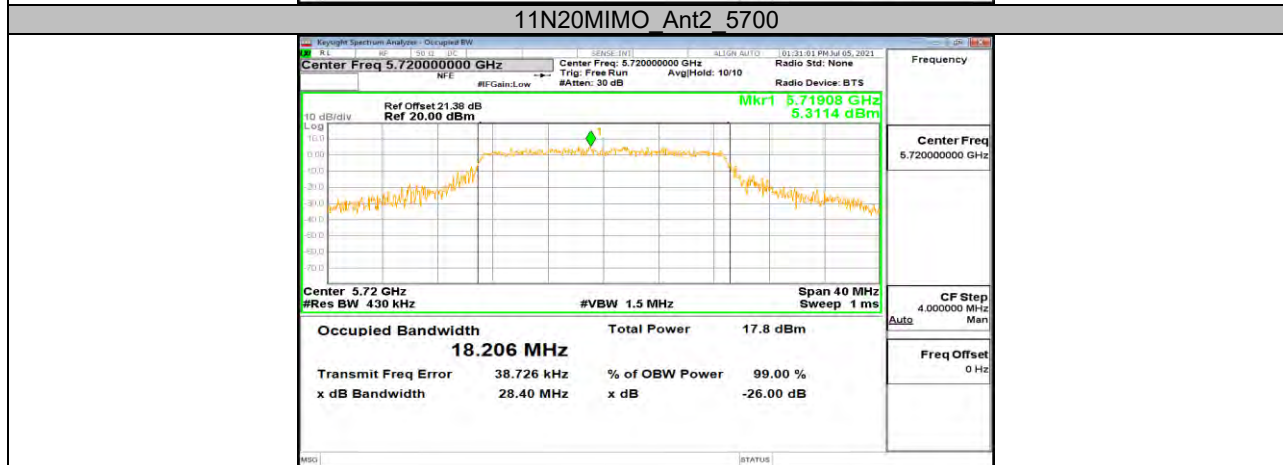
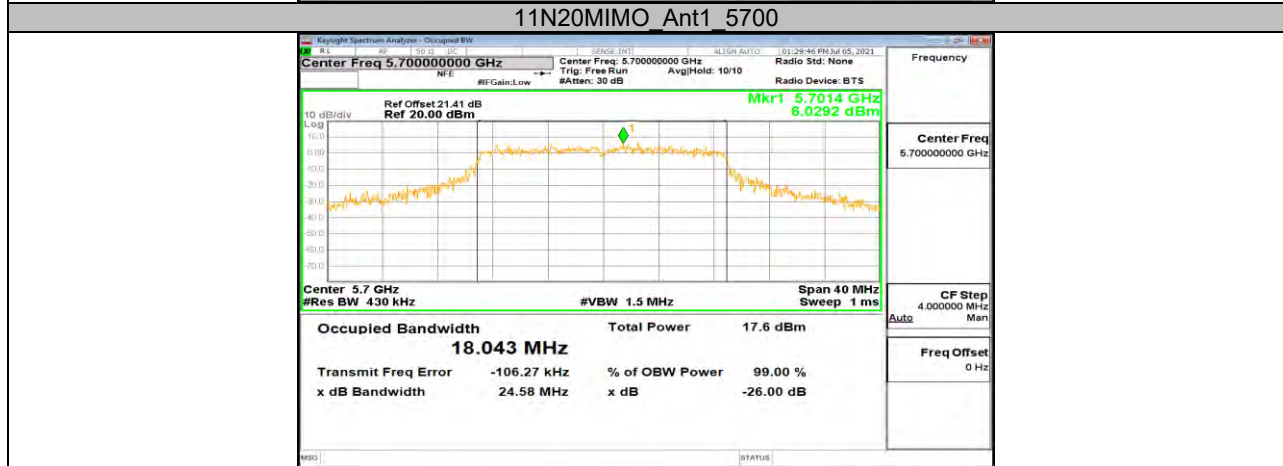
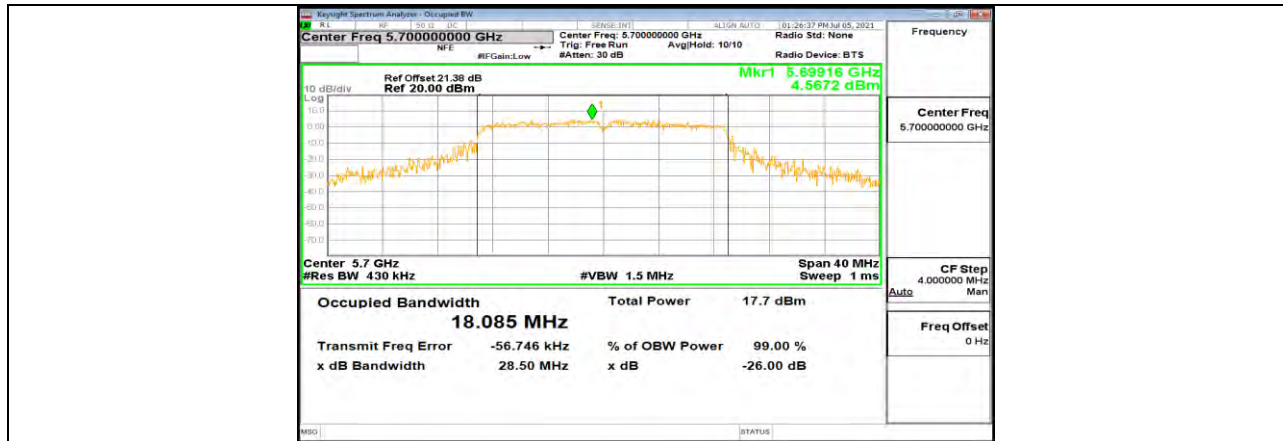
11N20MIMO Ant2 5500

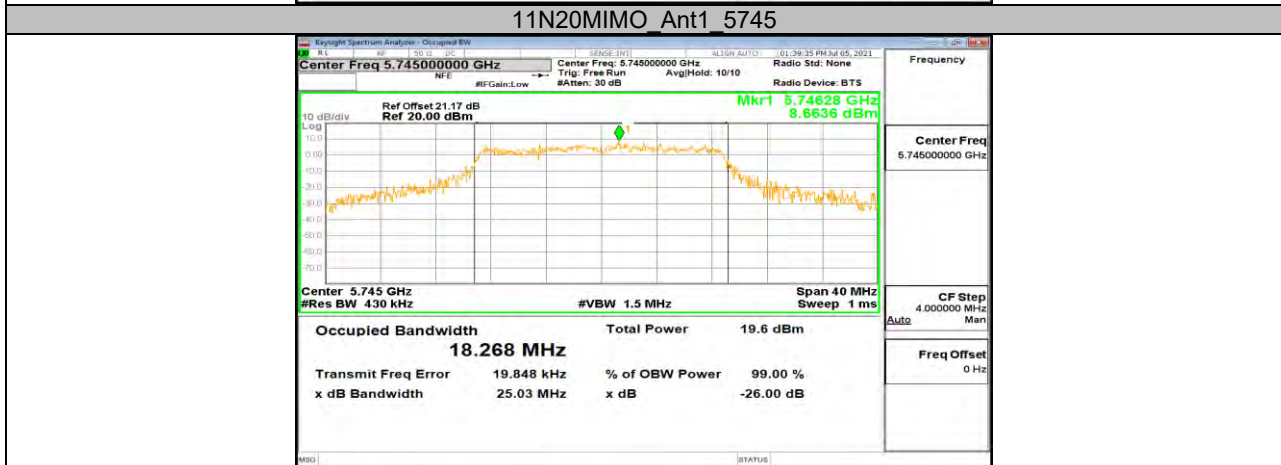
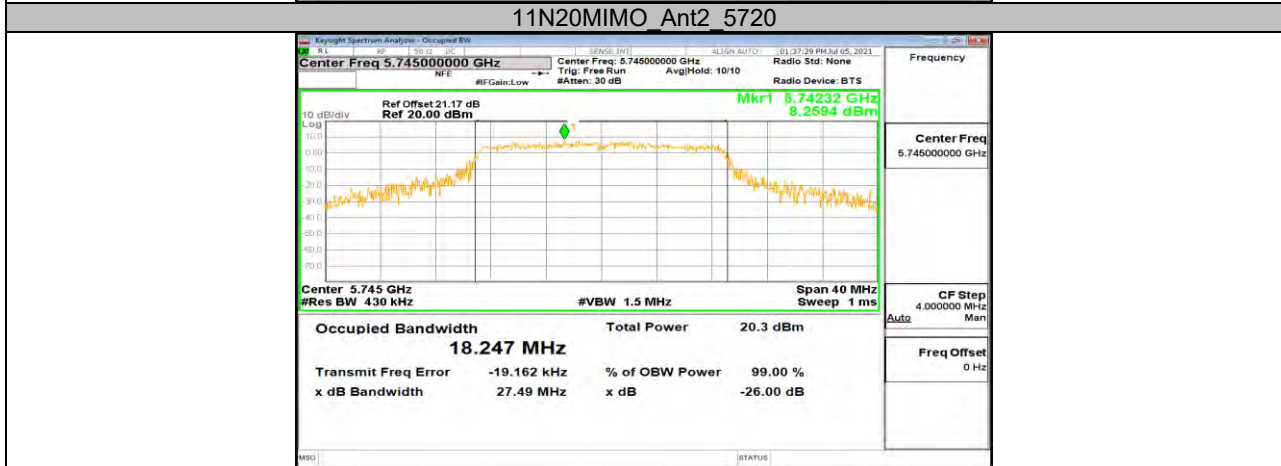
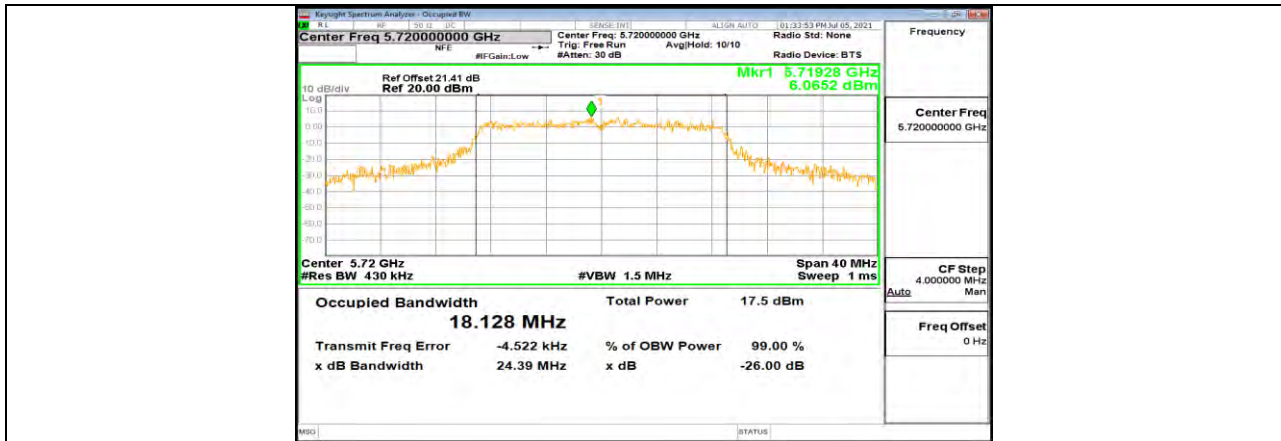


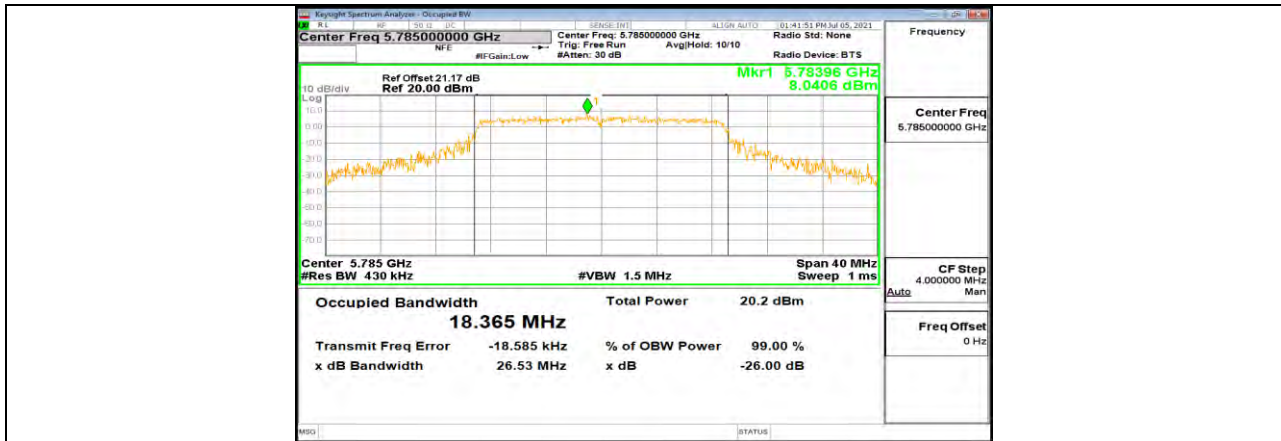
11N20MIMO Ant1 5580



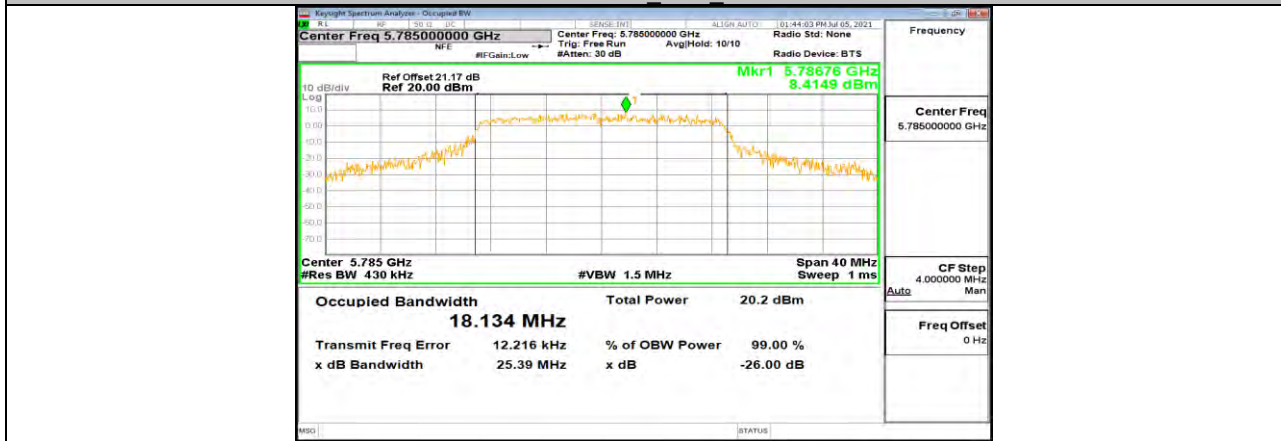
11N20MIMO Ant2 5580



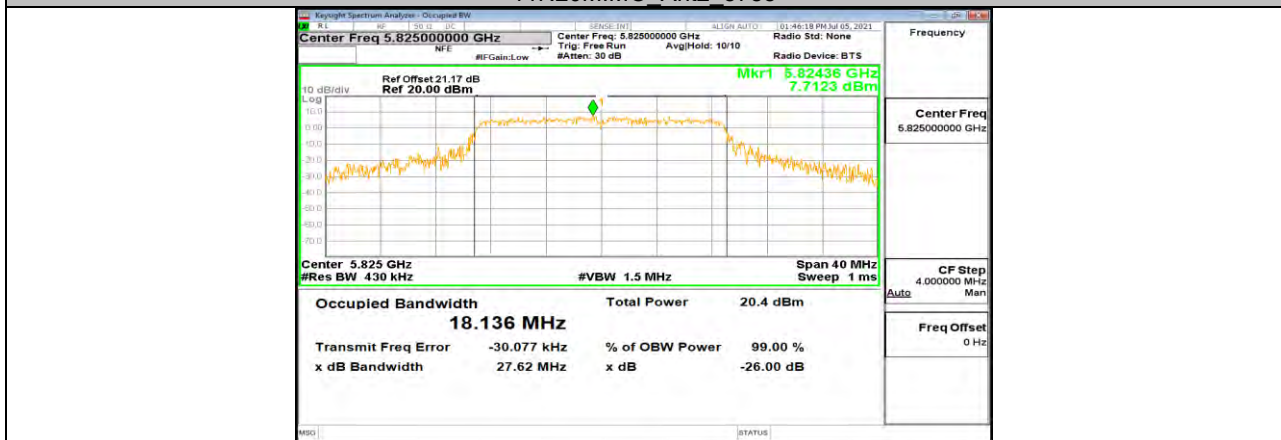




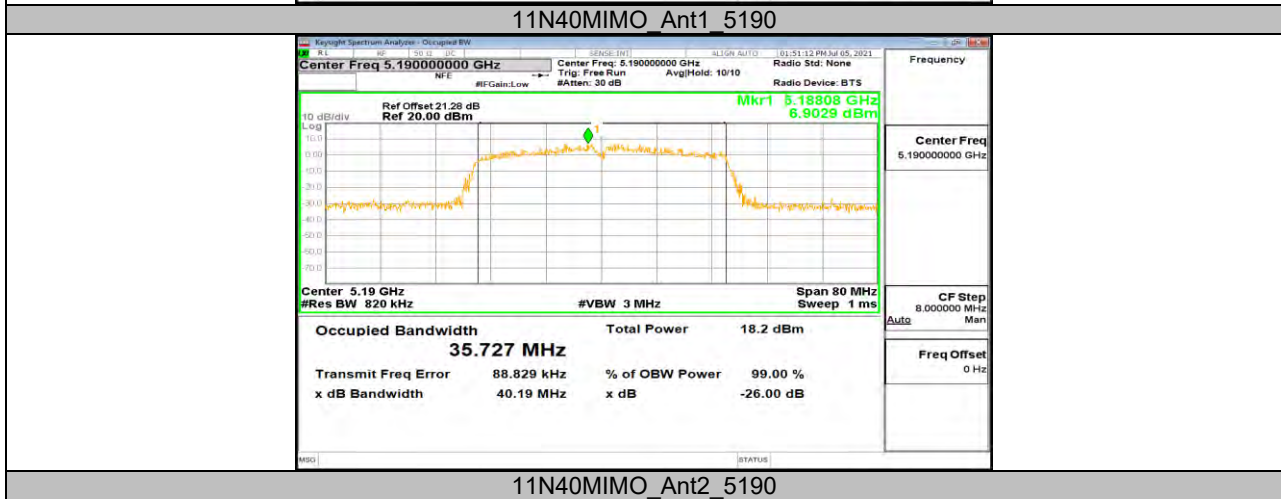
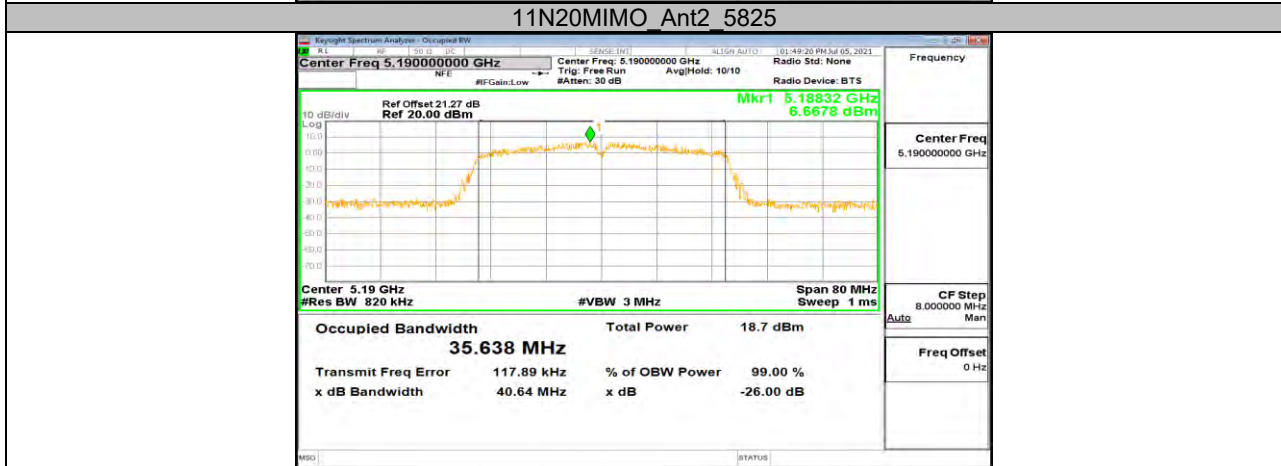
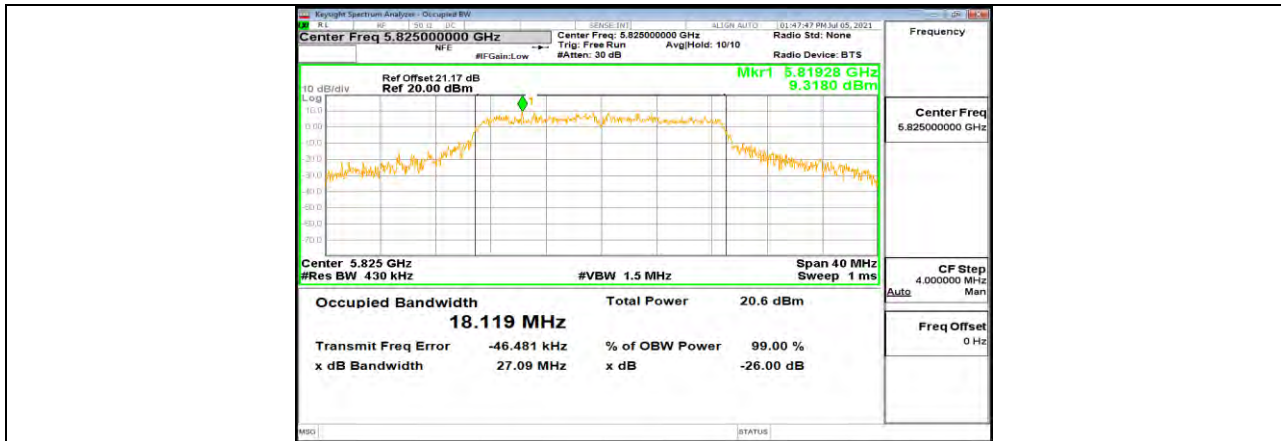
11N20MIMO Ant1 5785

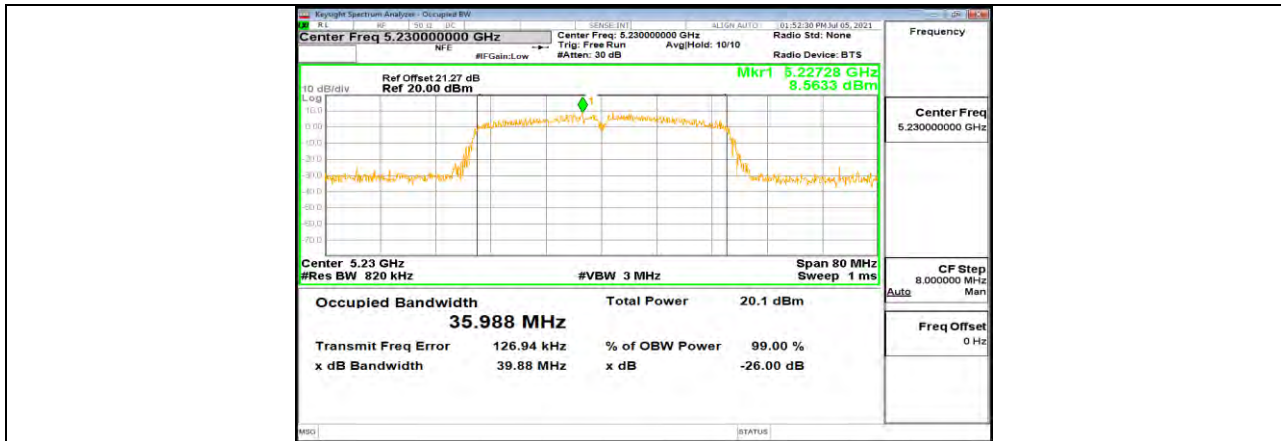


11N20MIMO Ant2 5785

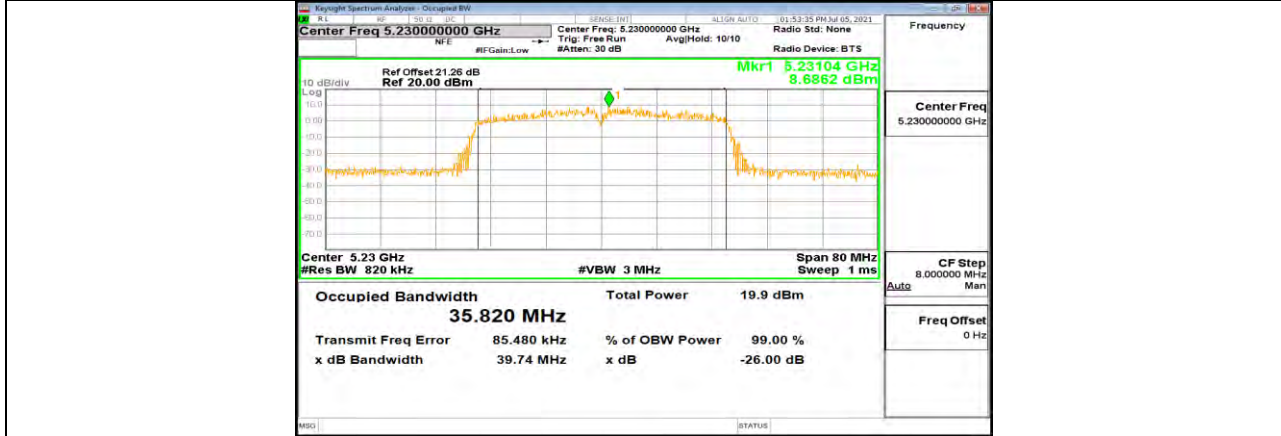


11N20MIMO Ant1 5825

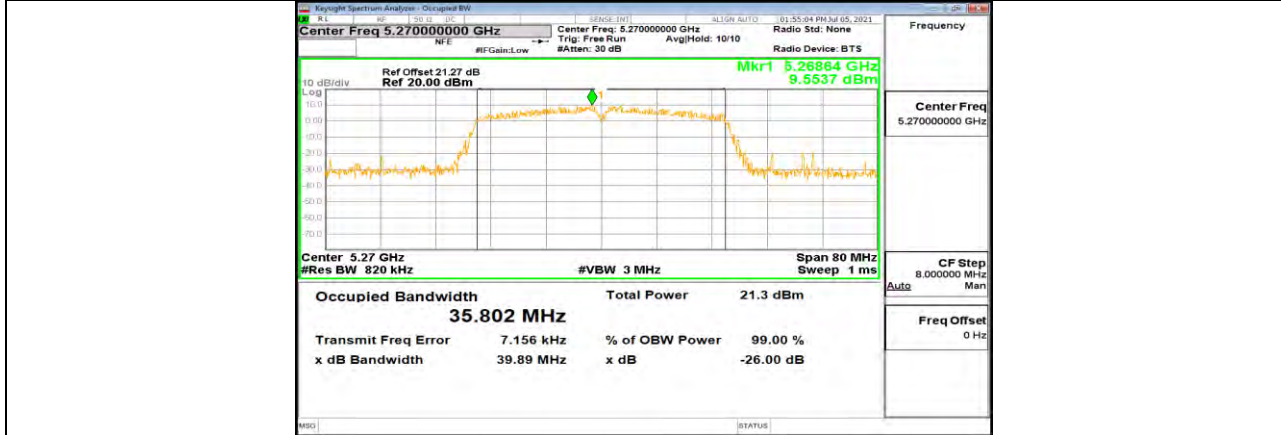




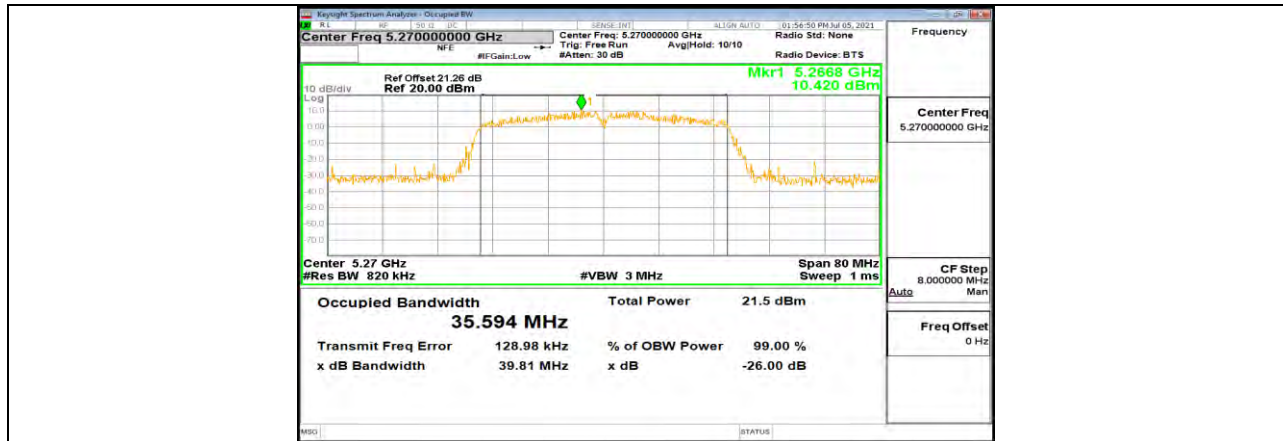
11N40MIMO Ant1 5230



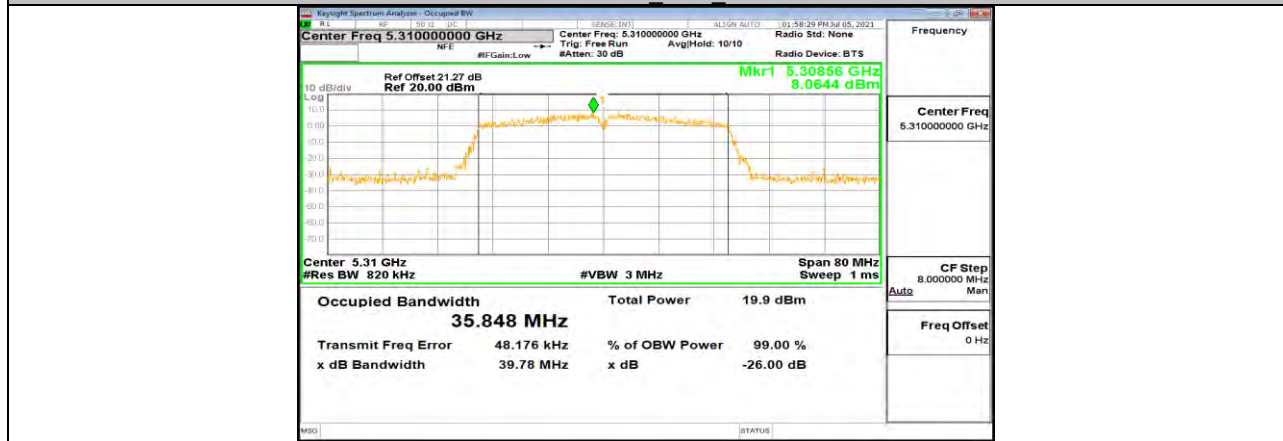
11N40MIMO Ant2 5230



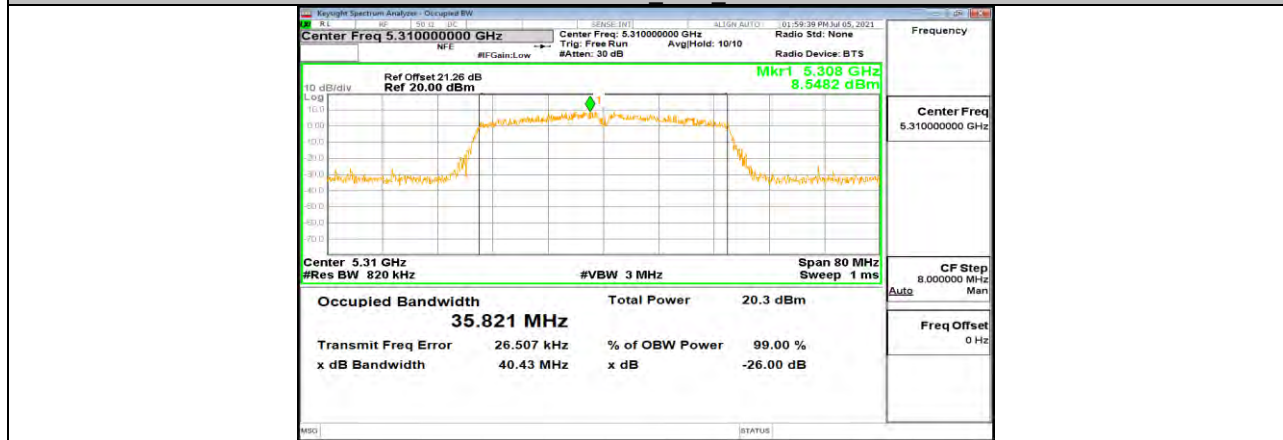
11N40MIMO Ant1 5270



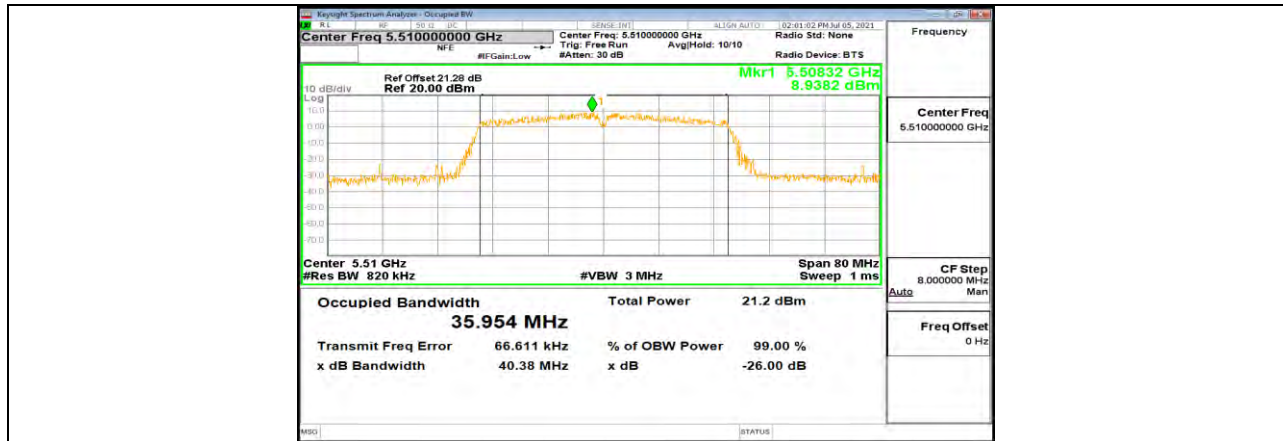
11N40MIMO Ant2 5270



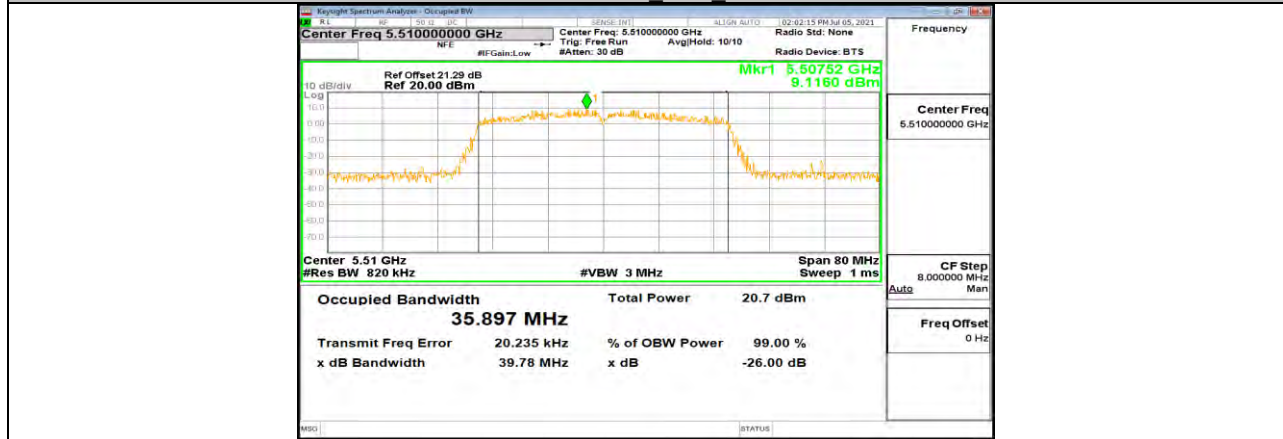
11N40MIMO Ant1 5310



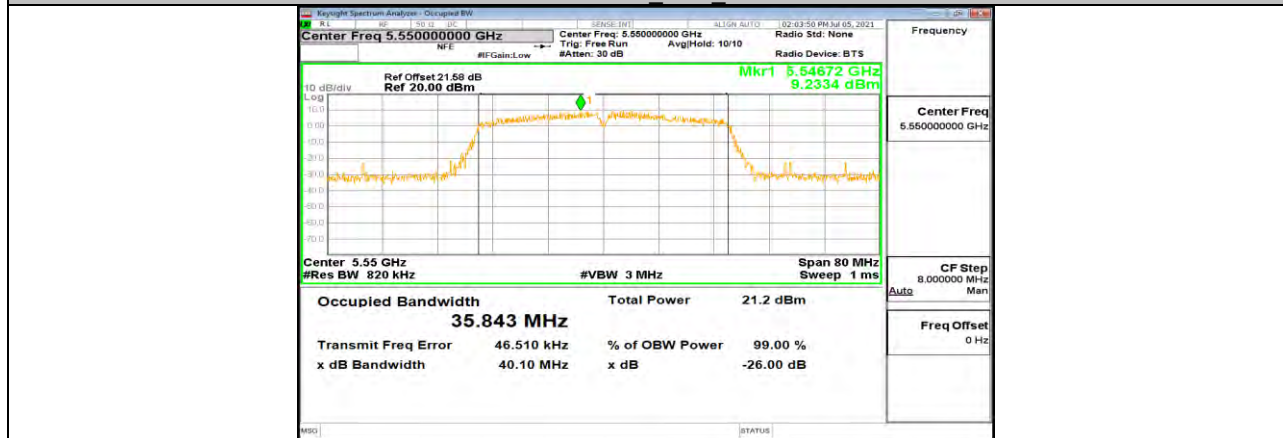
11N40MIMO Ant2 5310



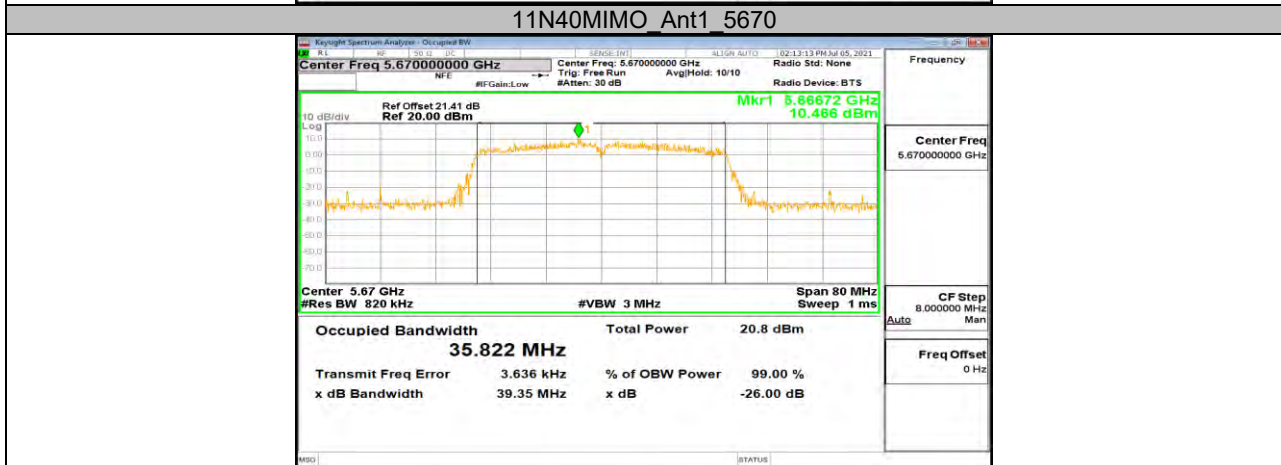
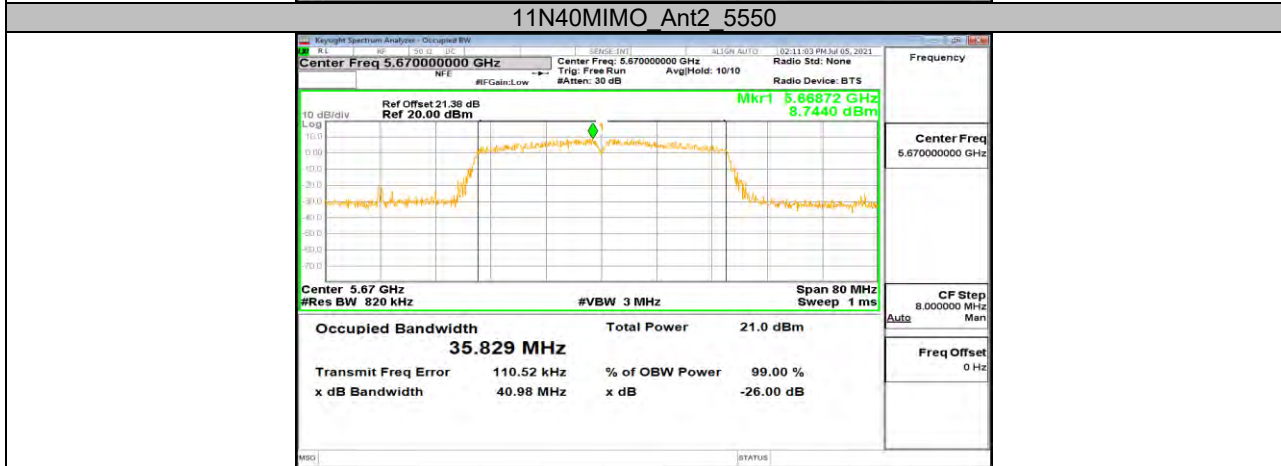
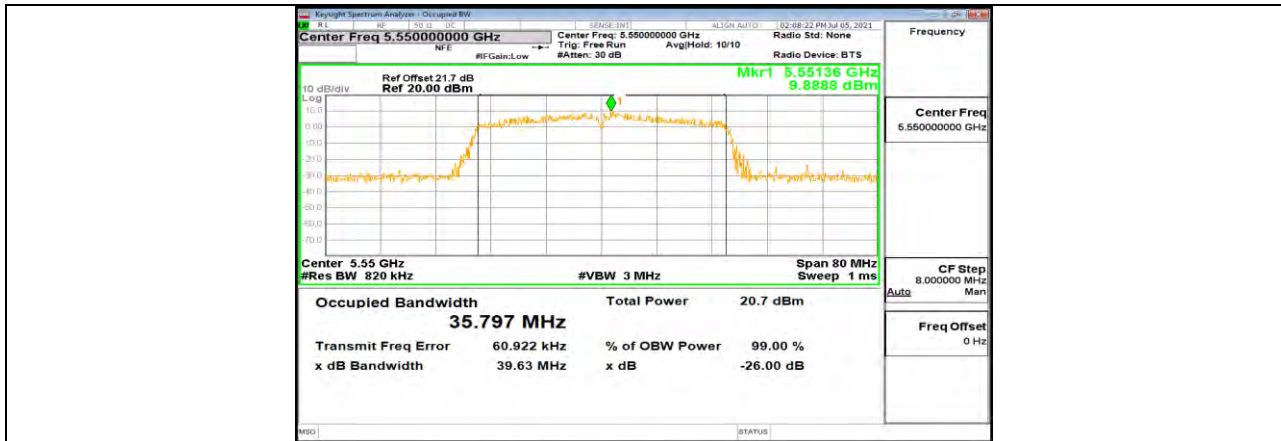
11N40MIMO Ant1 5510

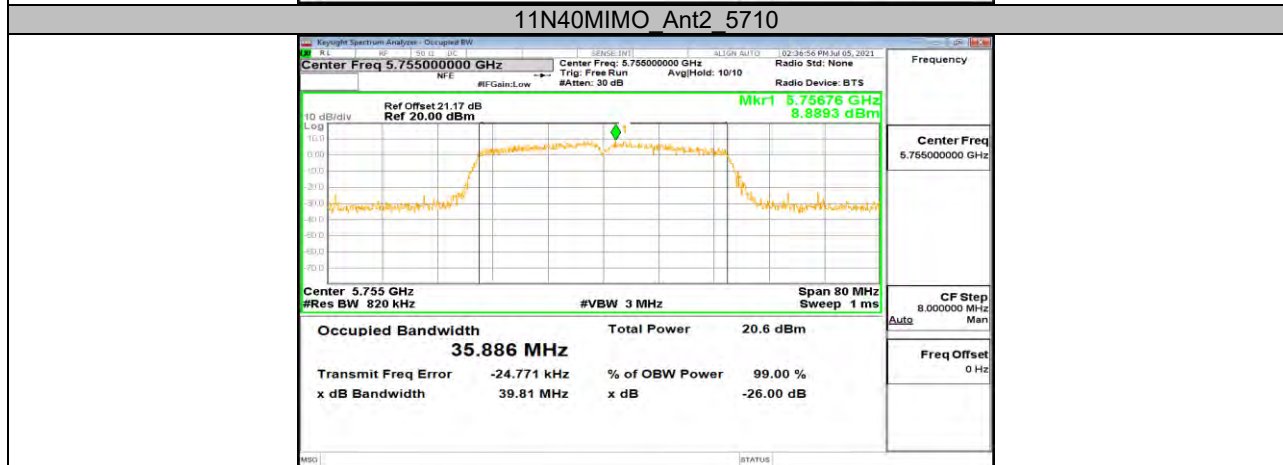
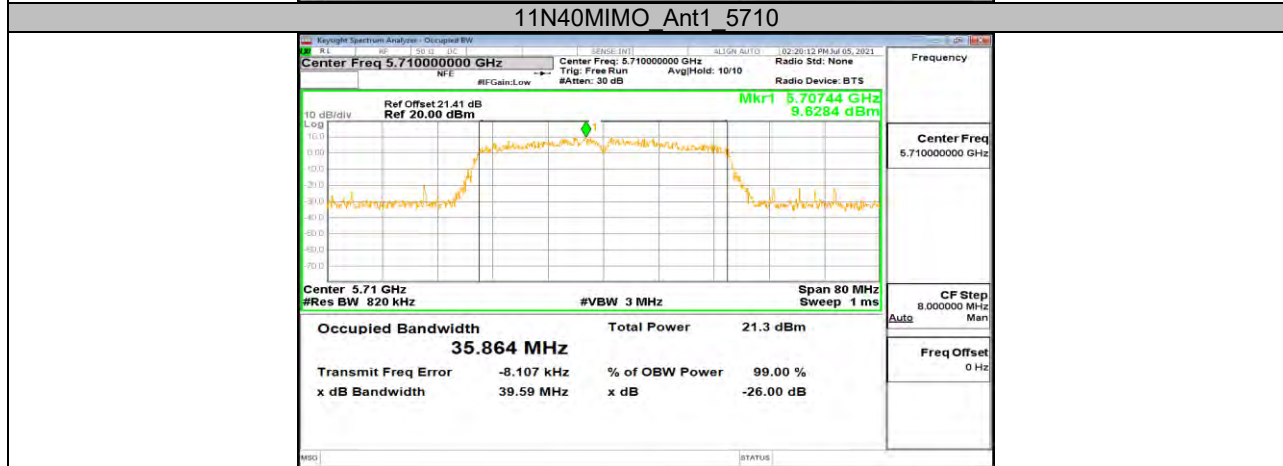
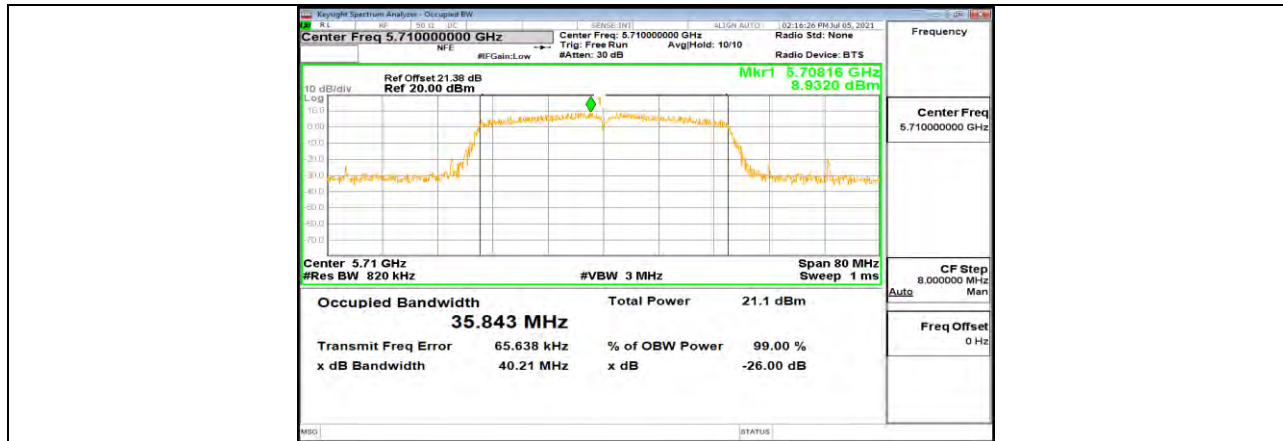


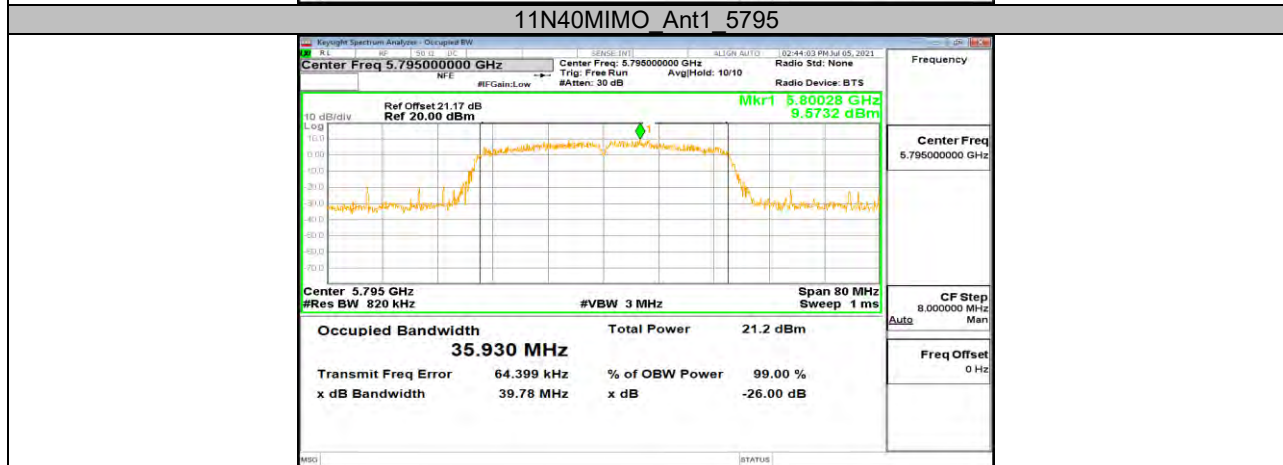
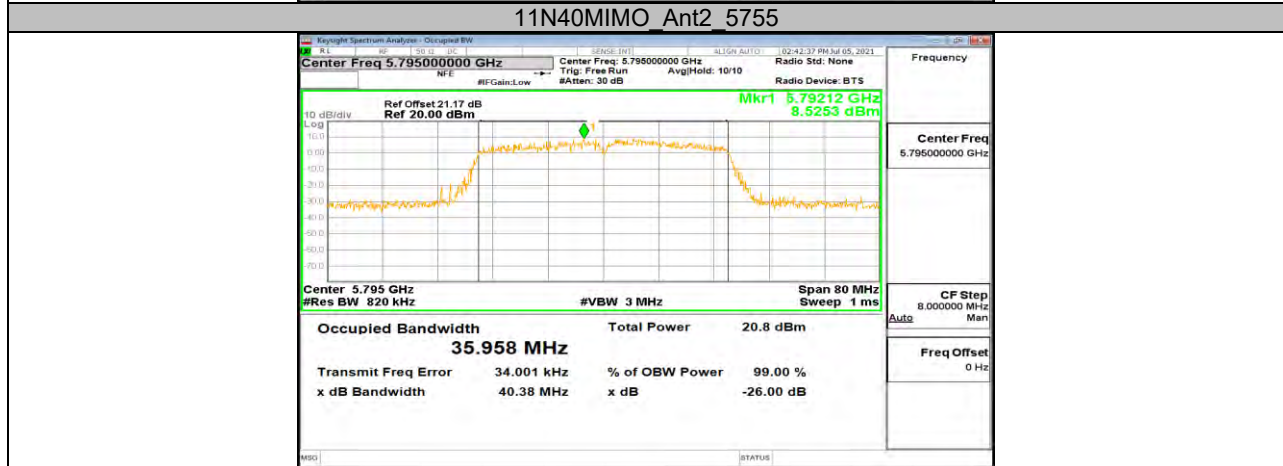
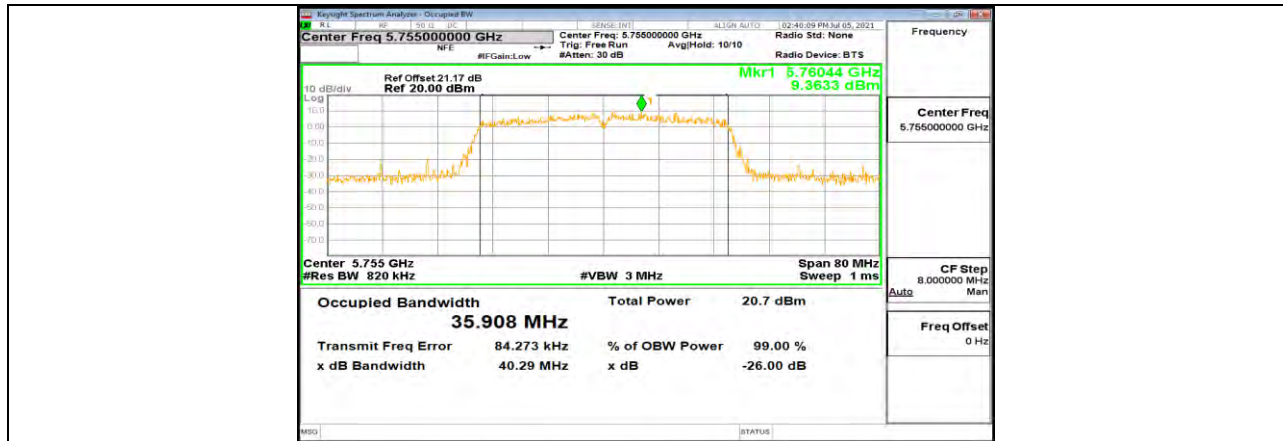
11N40MIMO Ant2 5510

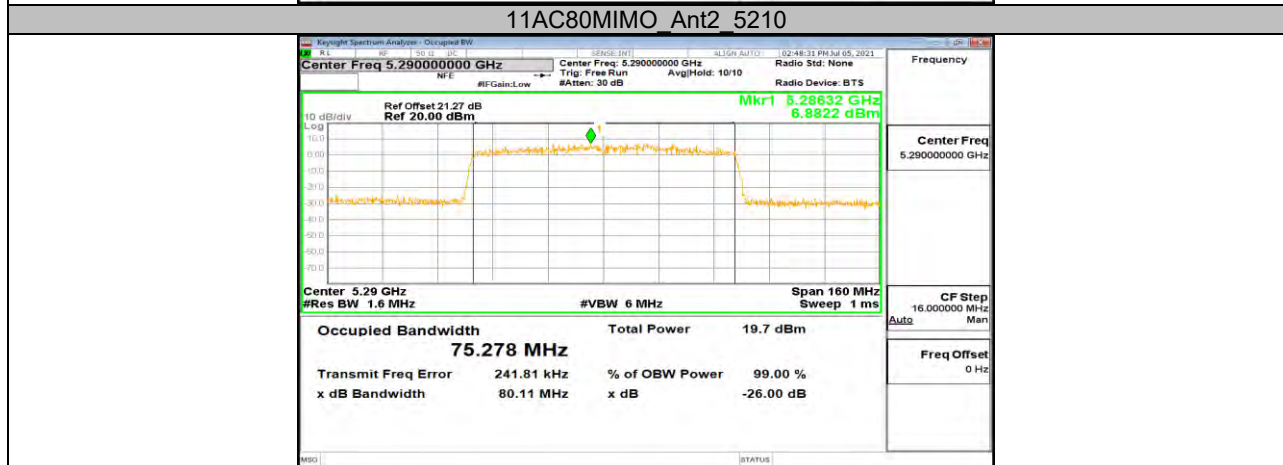
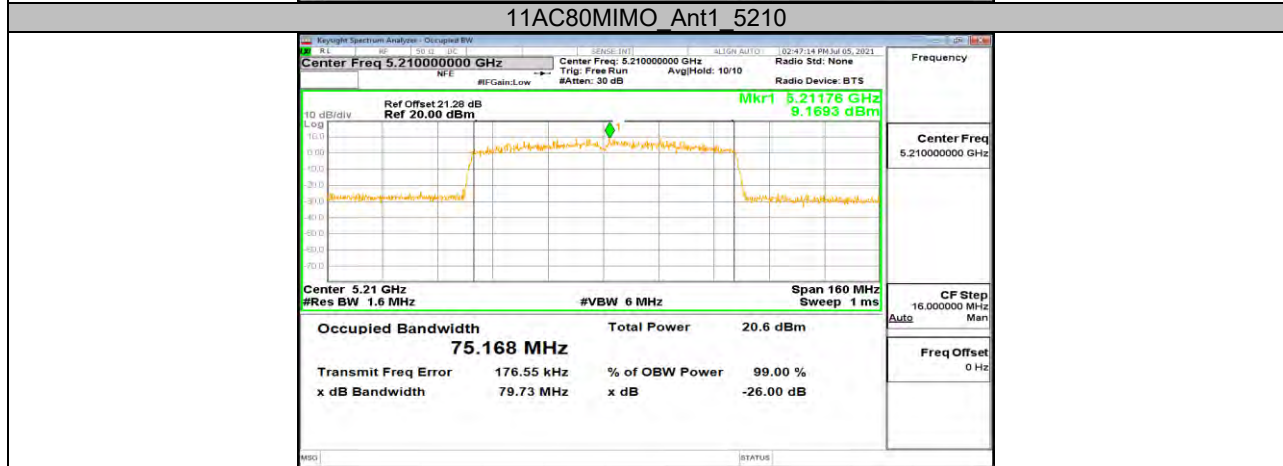
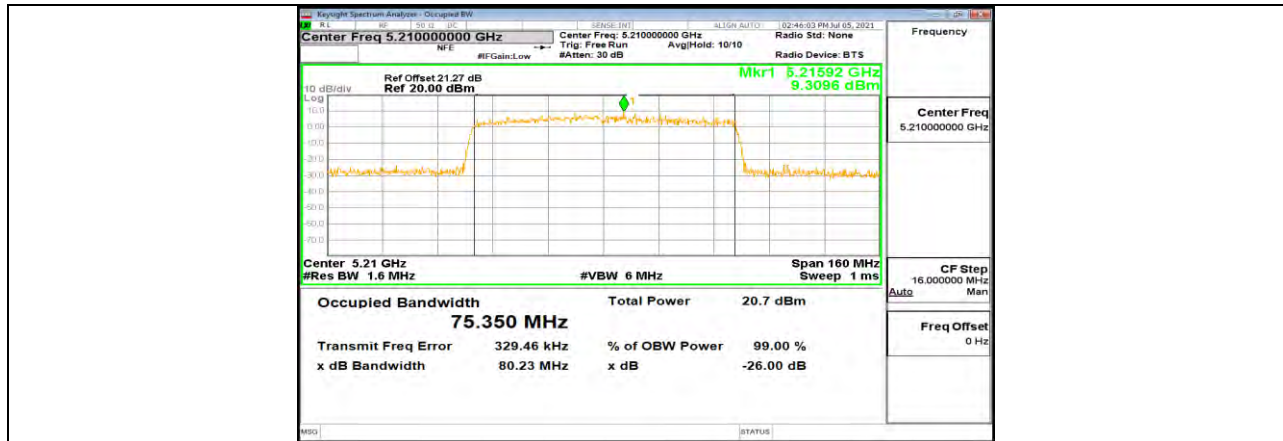


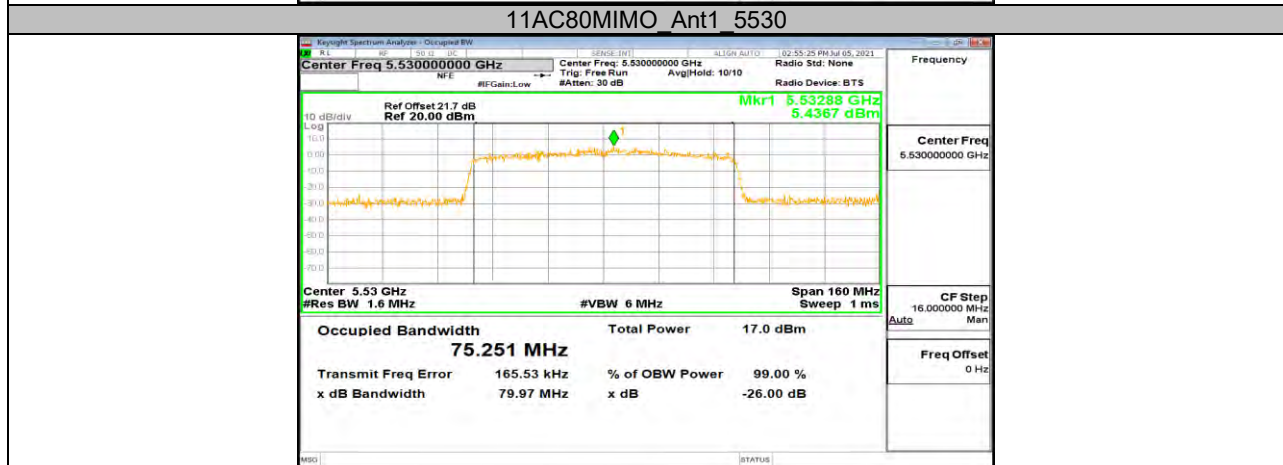
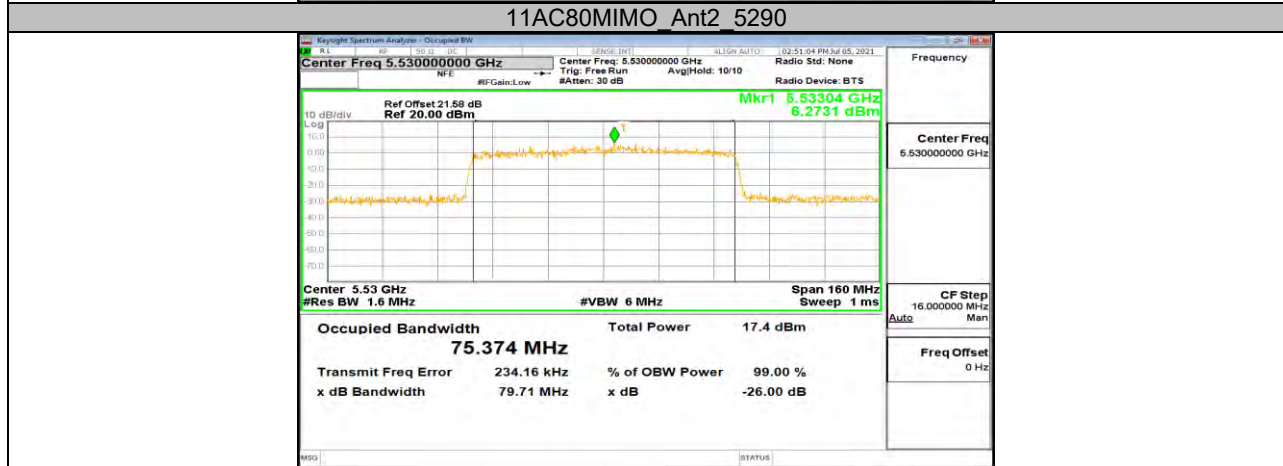
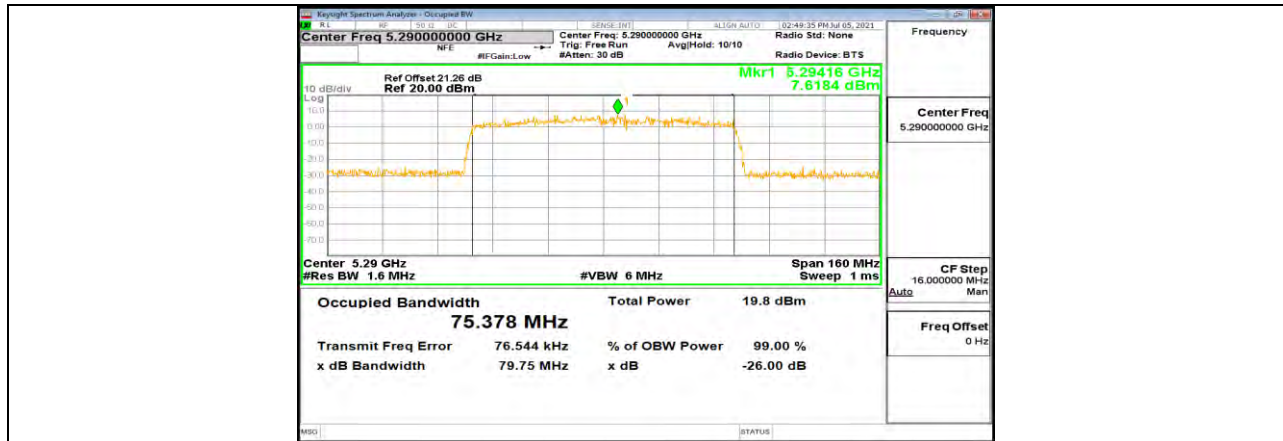
11N40MIMO Ant1 5550

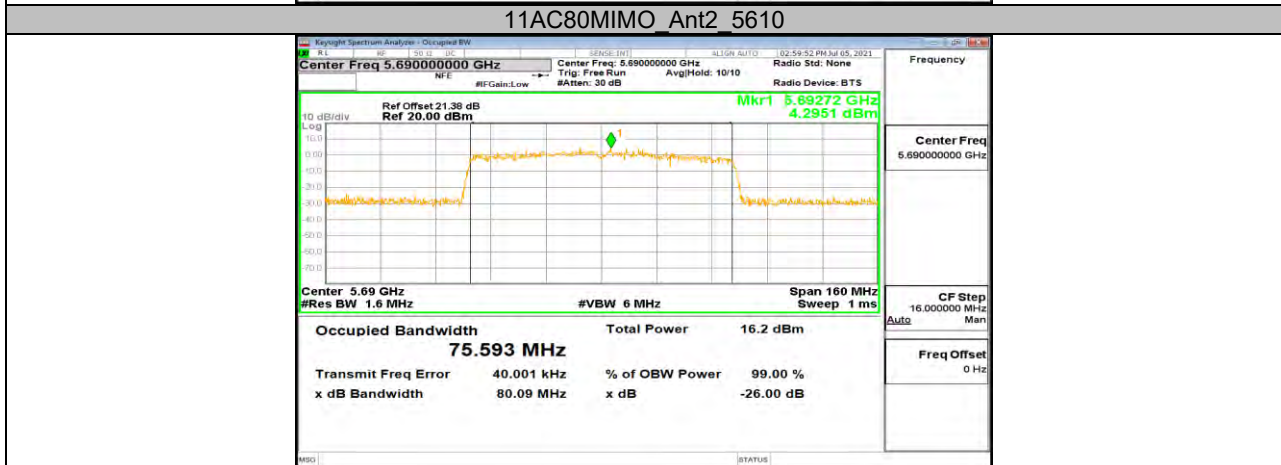
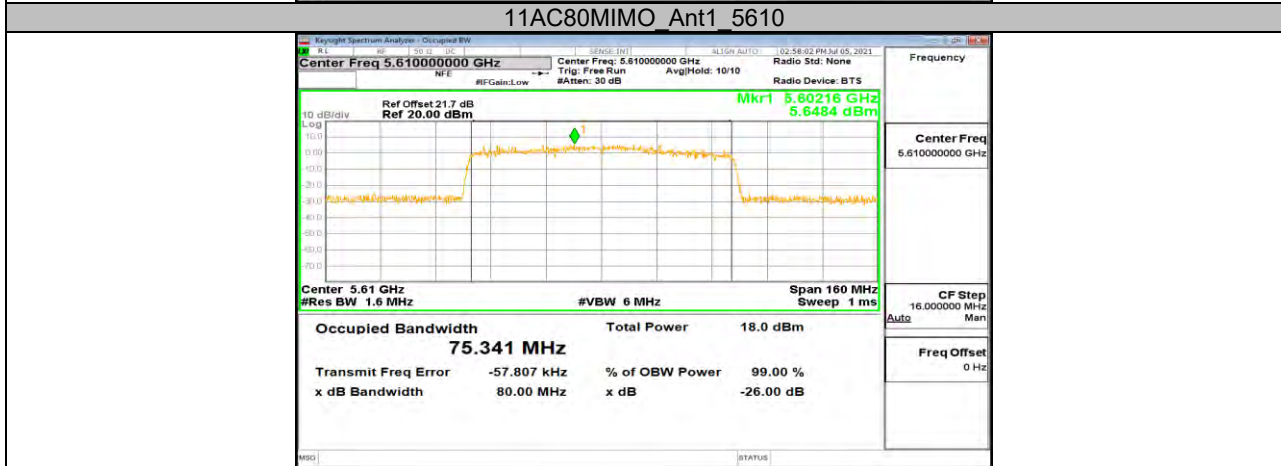
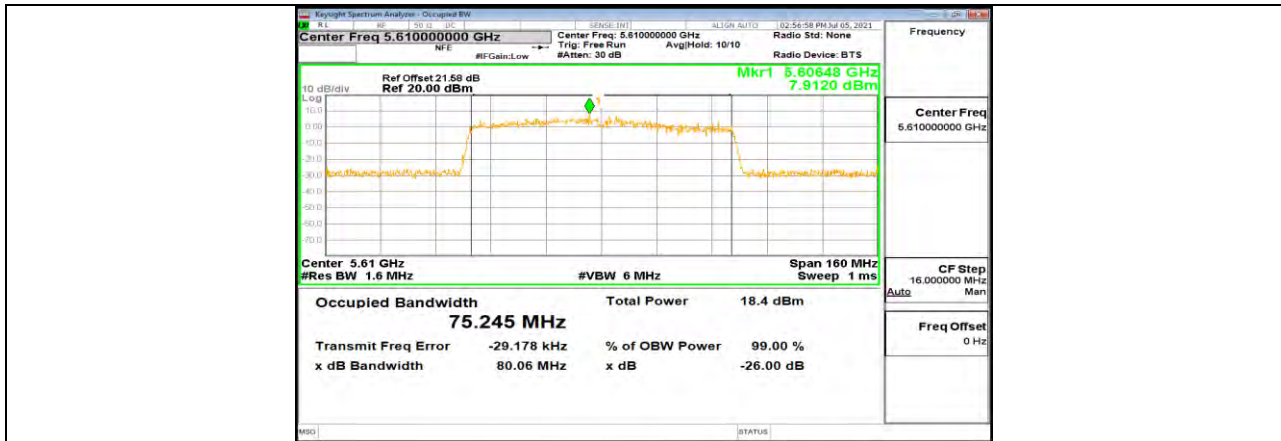


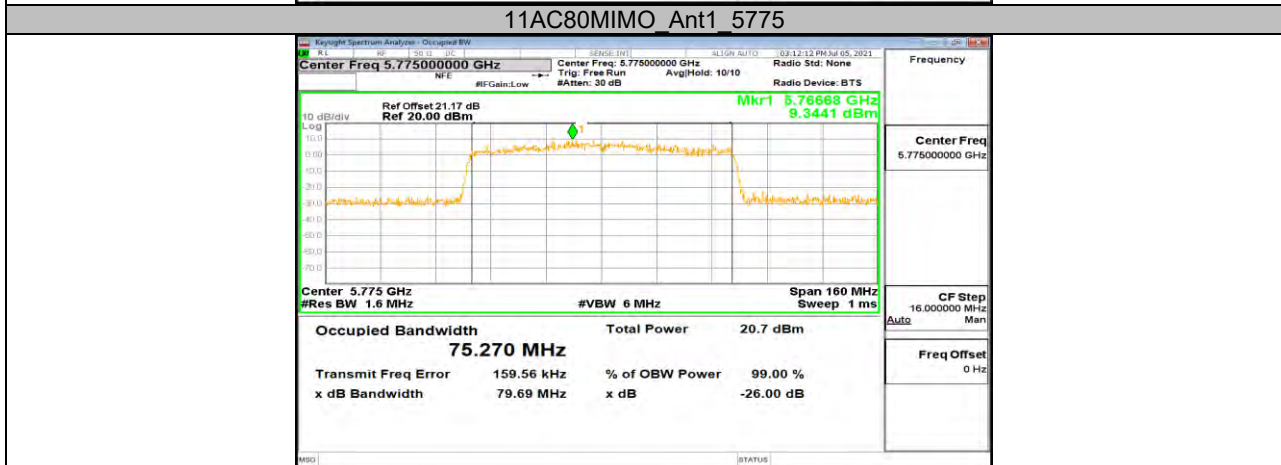
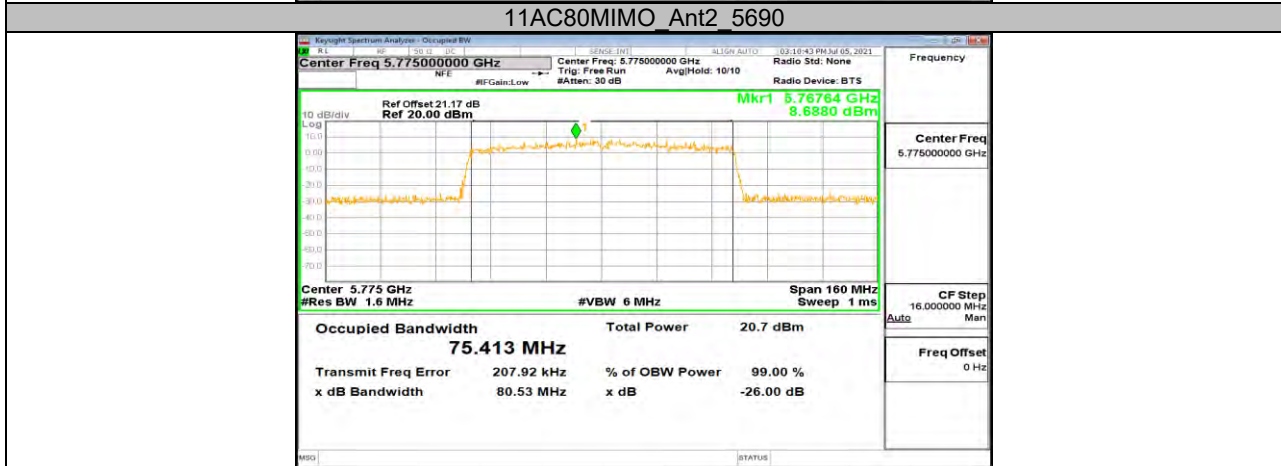
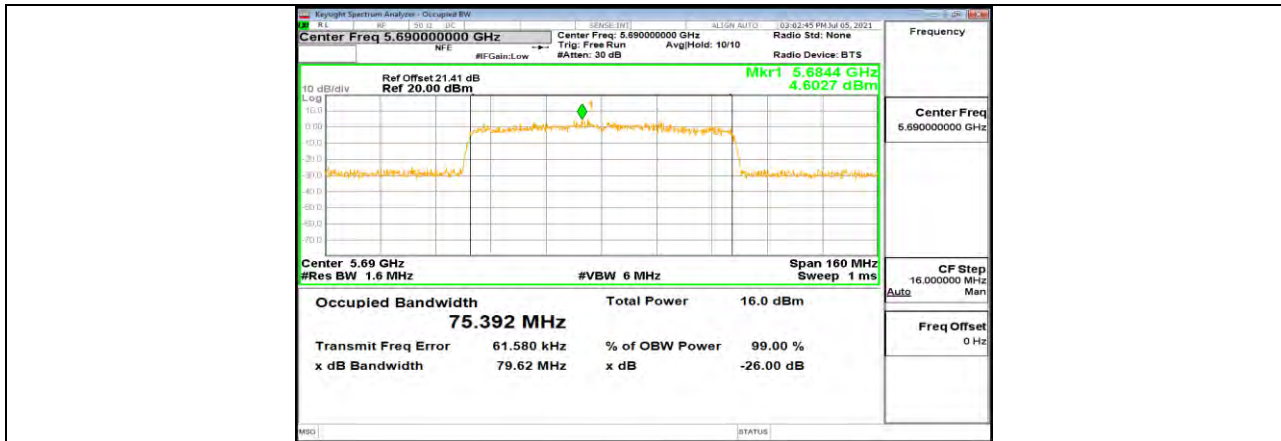


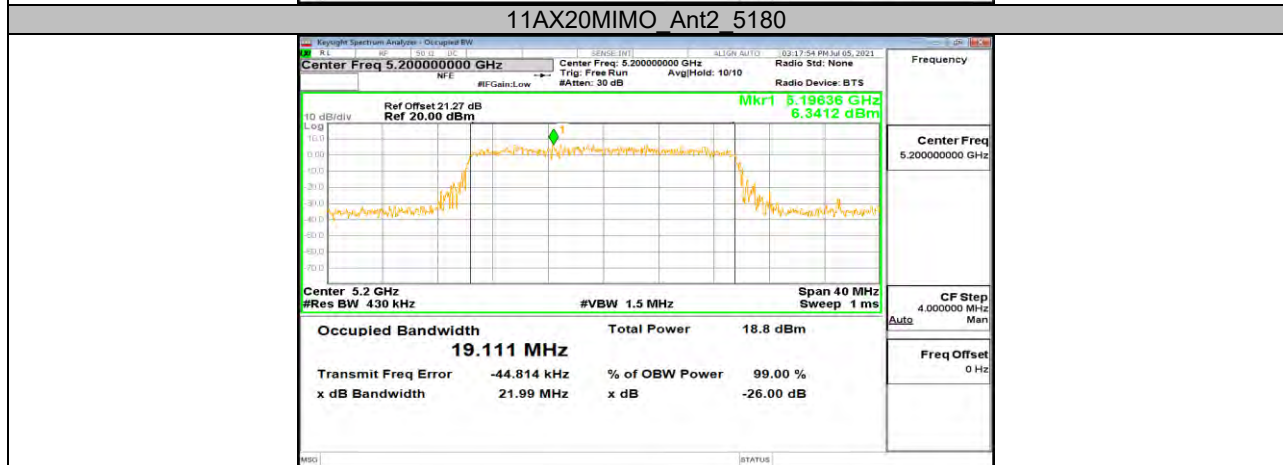
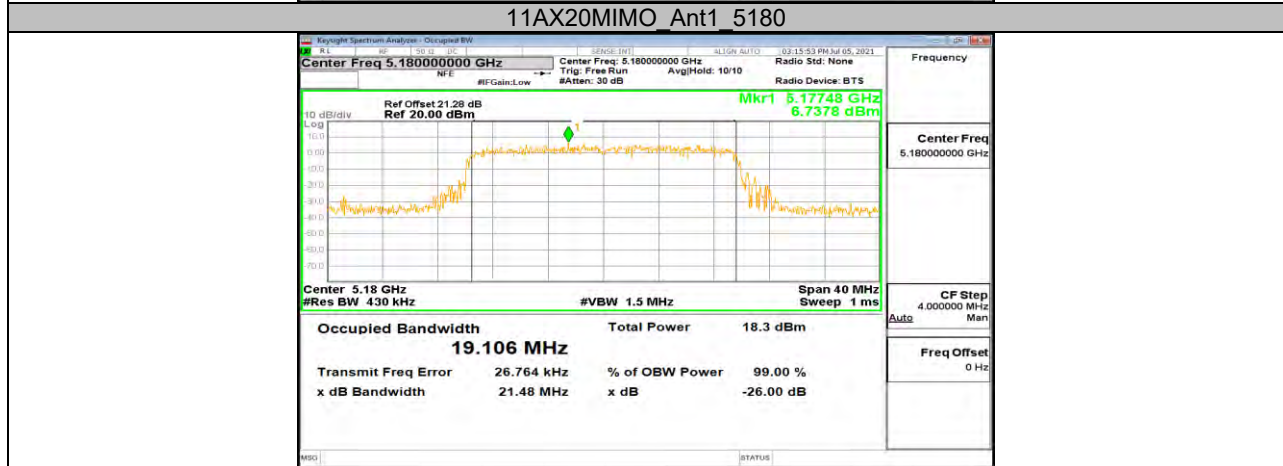
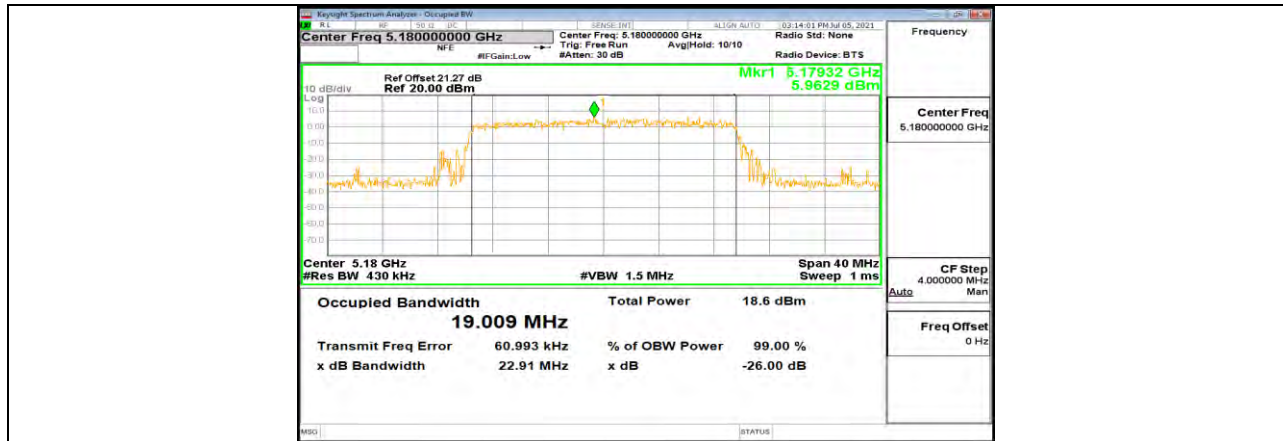


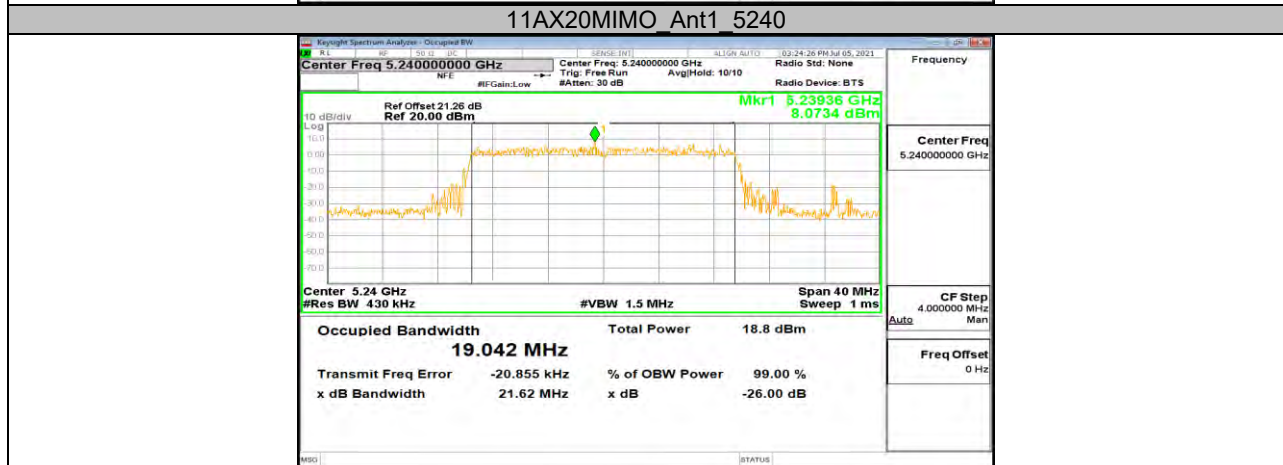
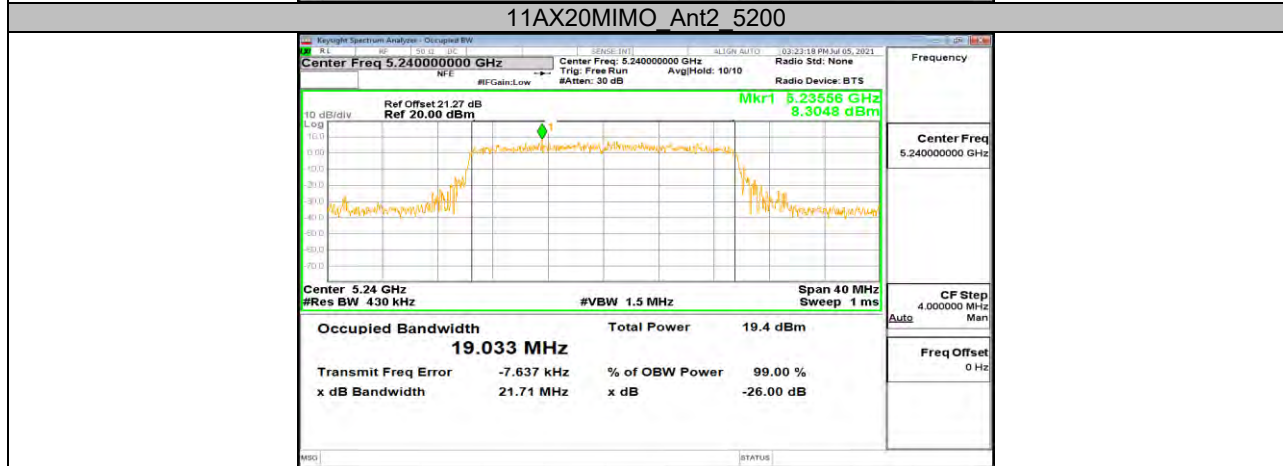
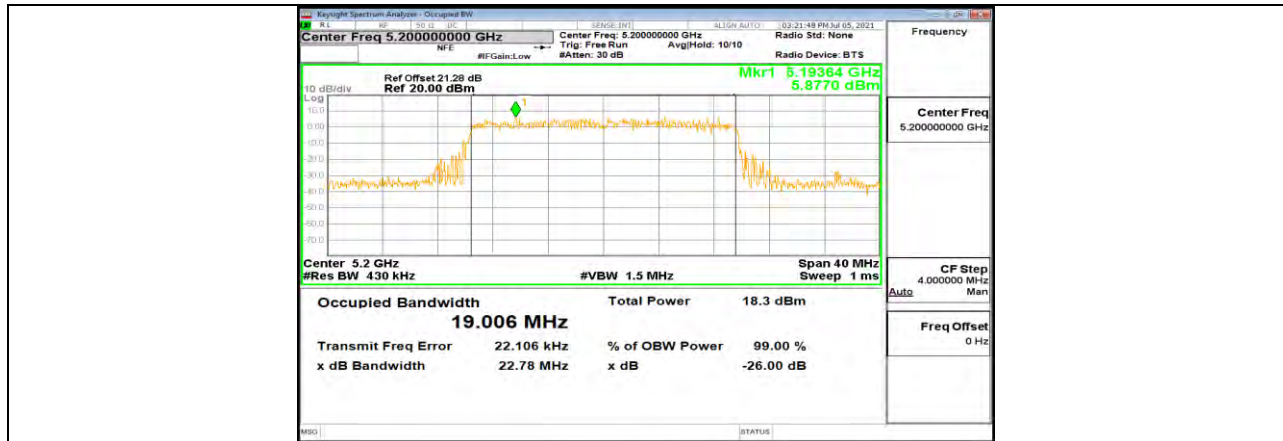


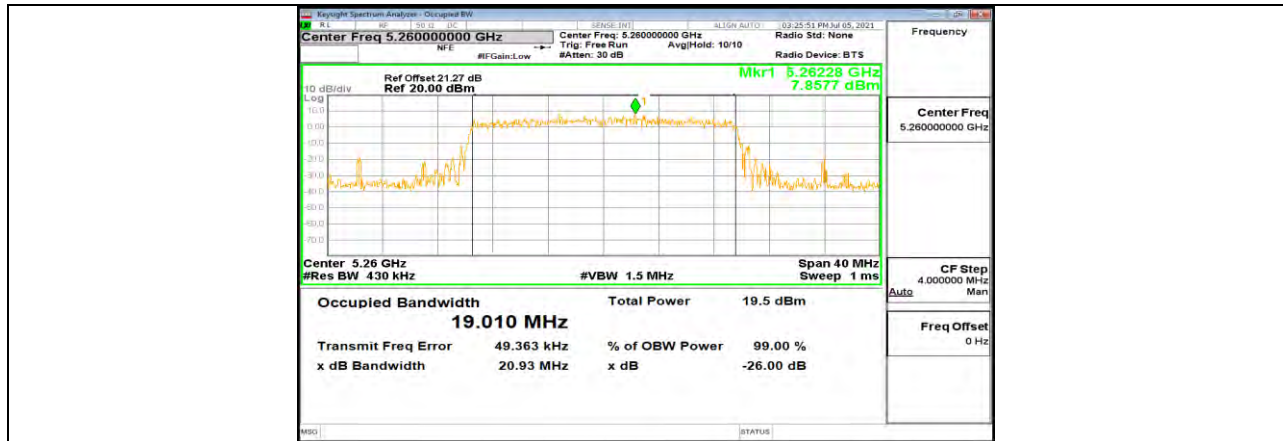




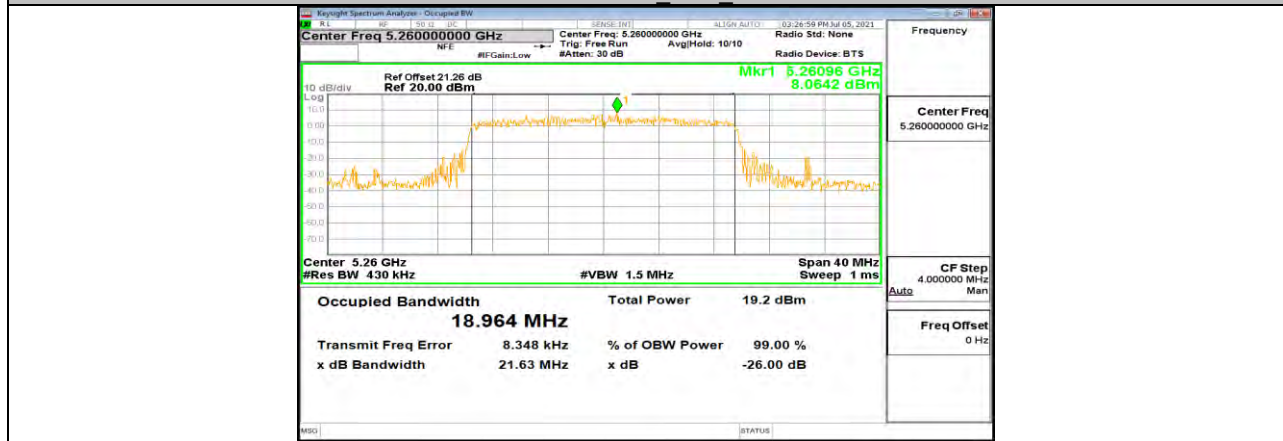




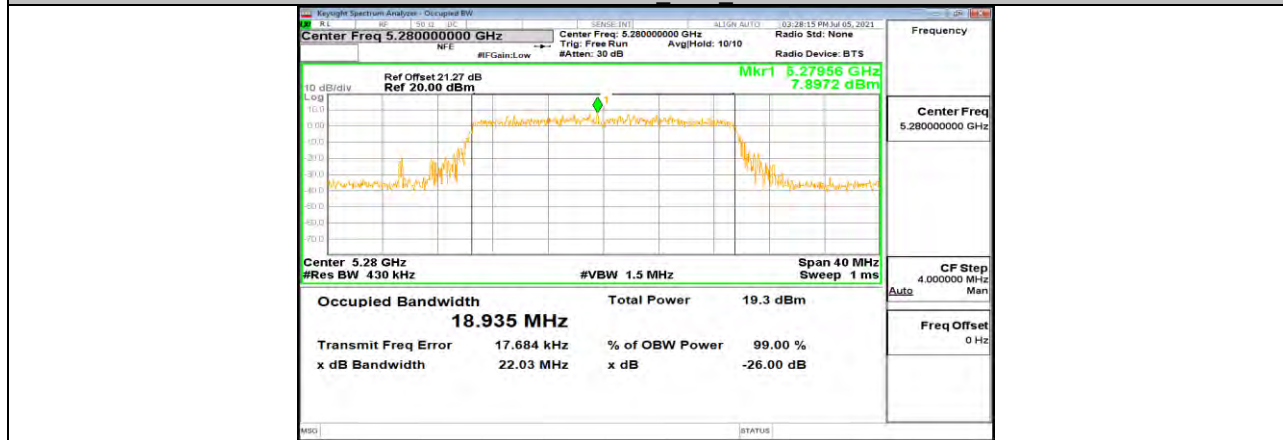




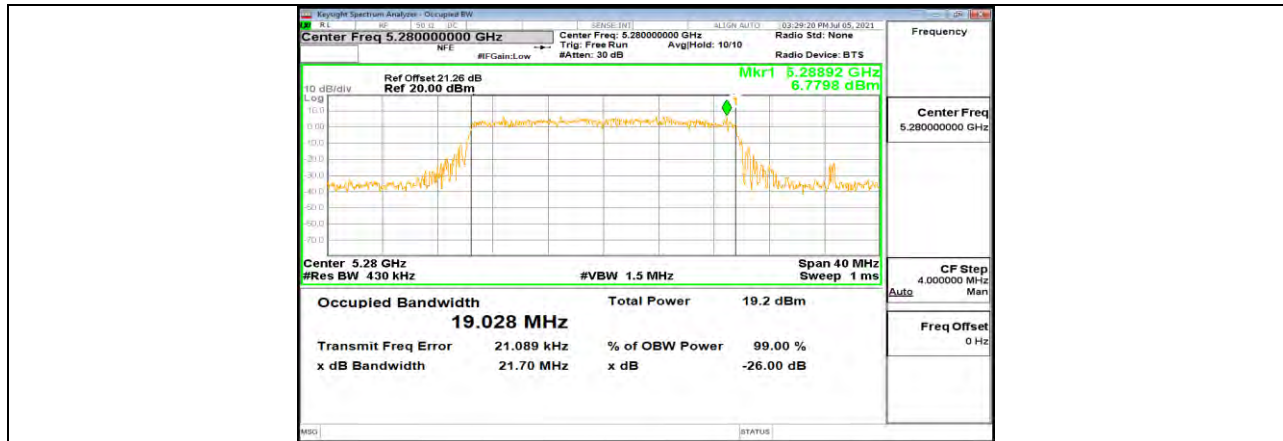
11AX20MIMO Ant1 5260



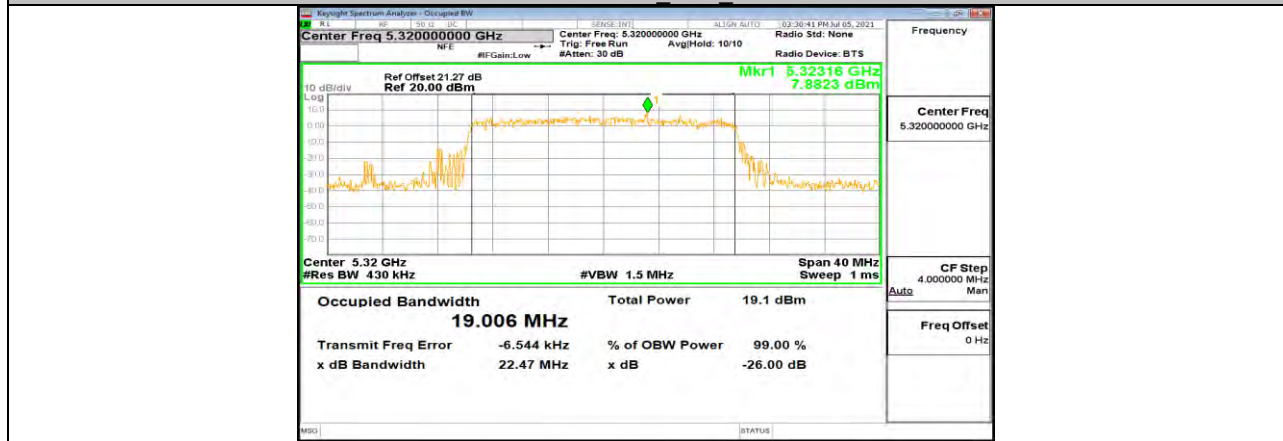
11AX20MIMO Ant2 5260



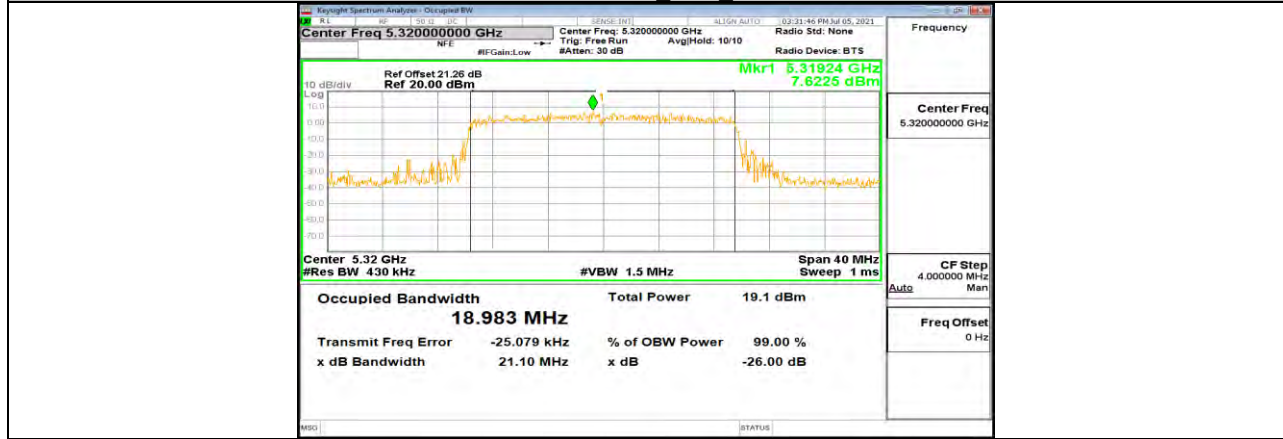
11AX20MIMO Ant1 5280



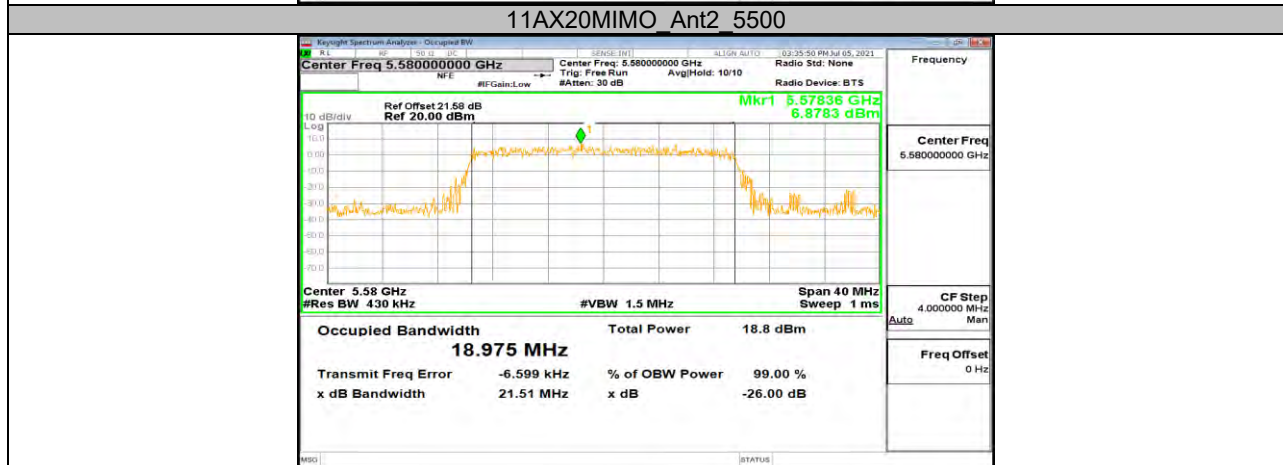
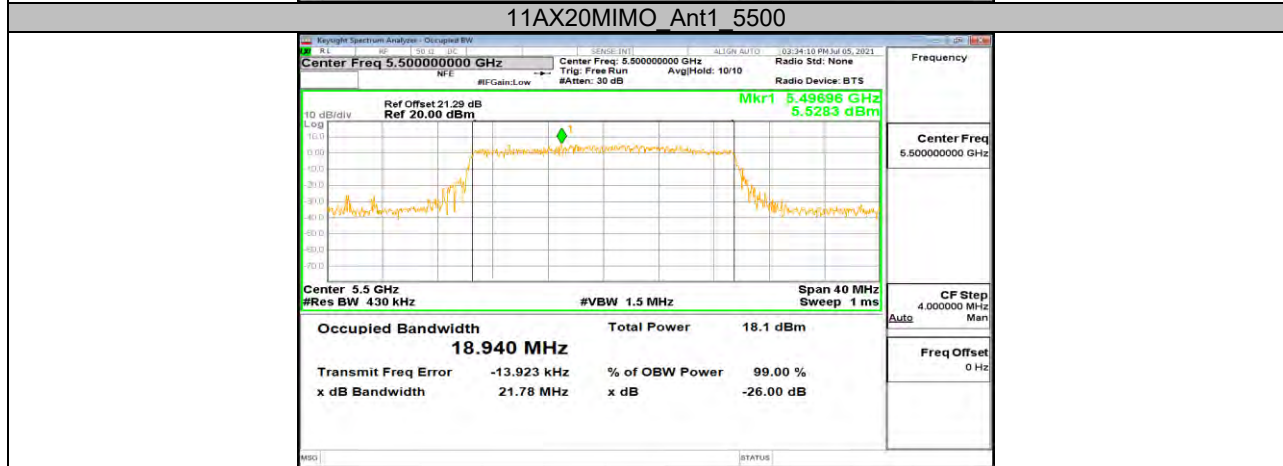
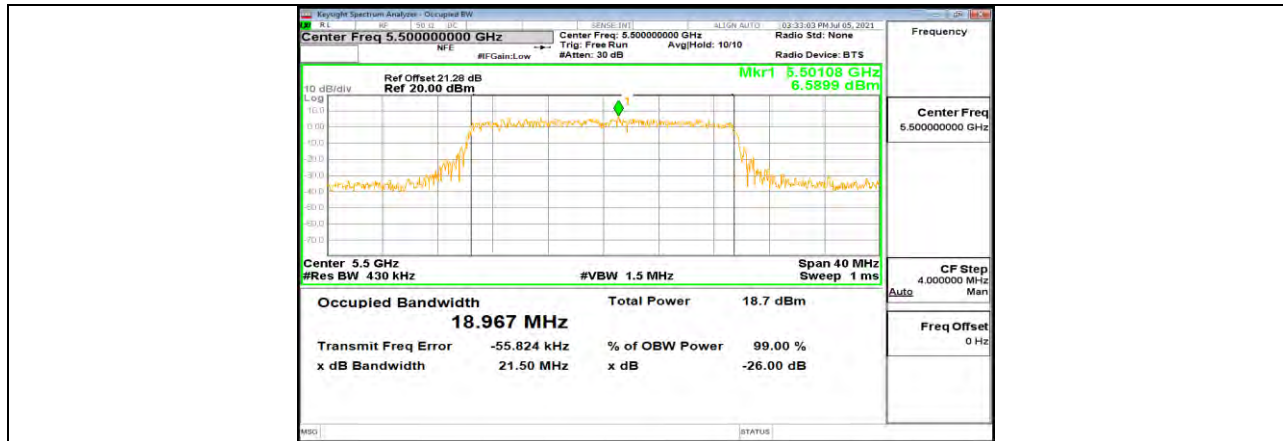
11AX20MIMO_Ant2_5280

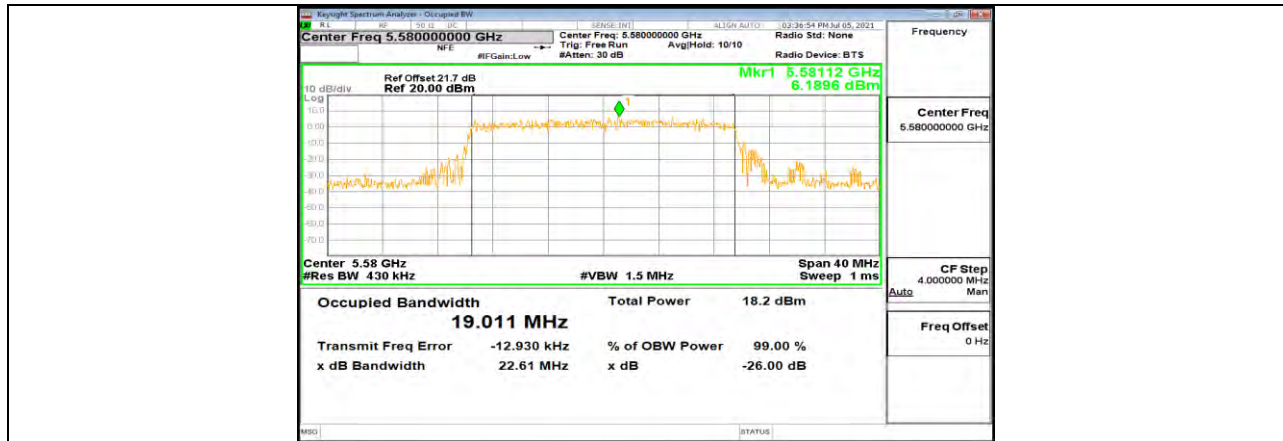


11AX20MIMO_Ant1_5320

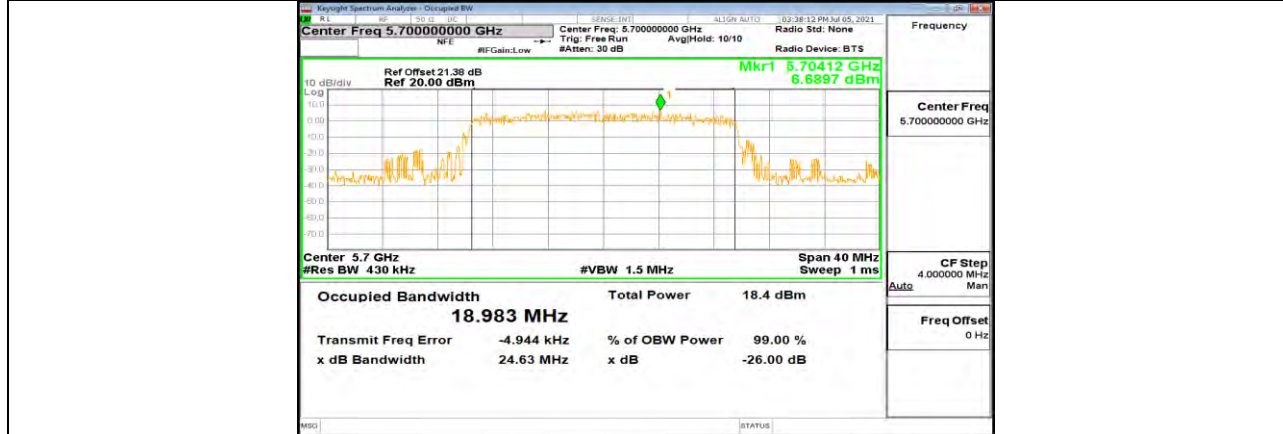


11AX20MIMO_Ant2_5320

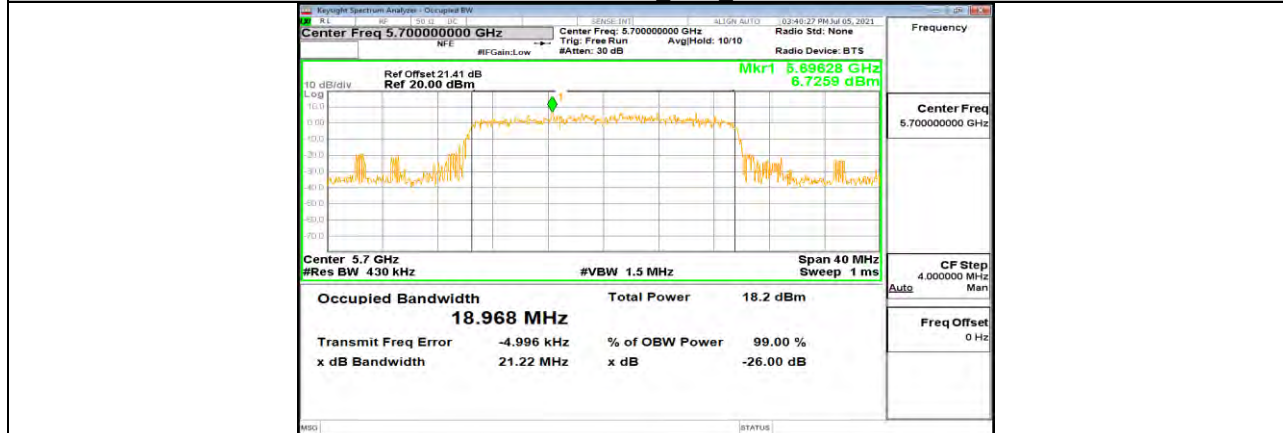




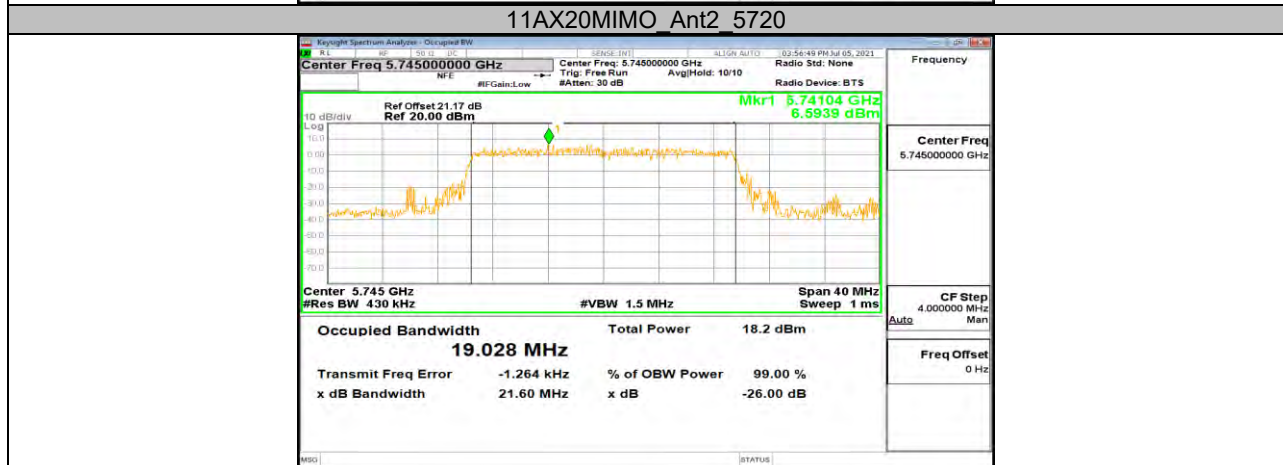
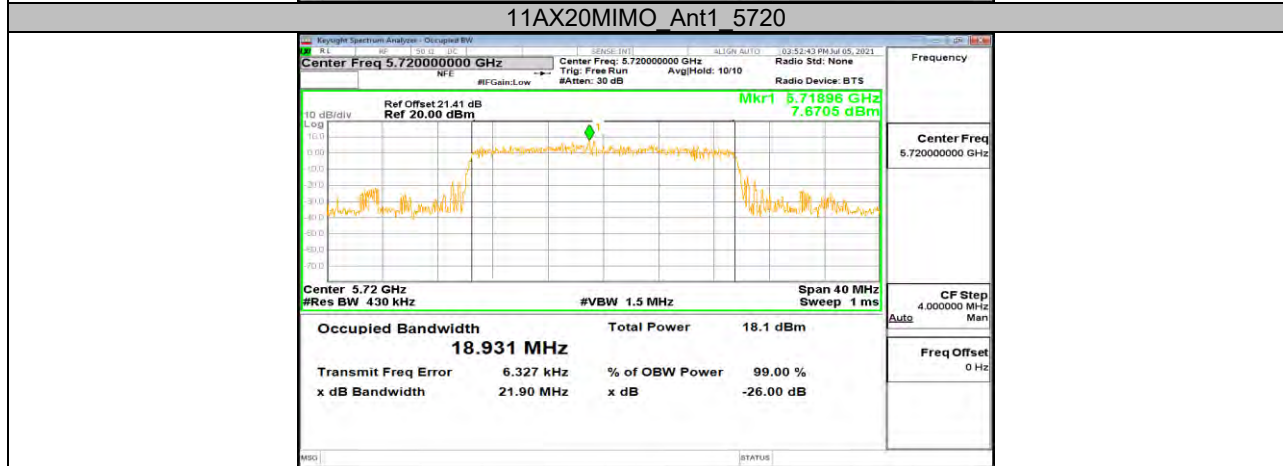
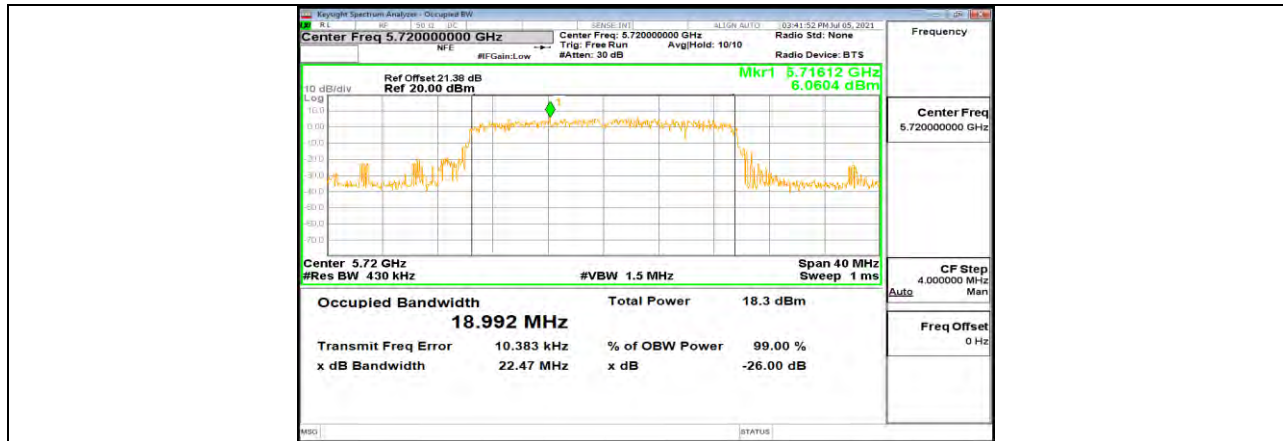
11AX20MIMO_Ant2_5580

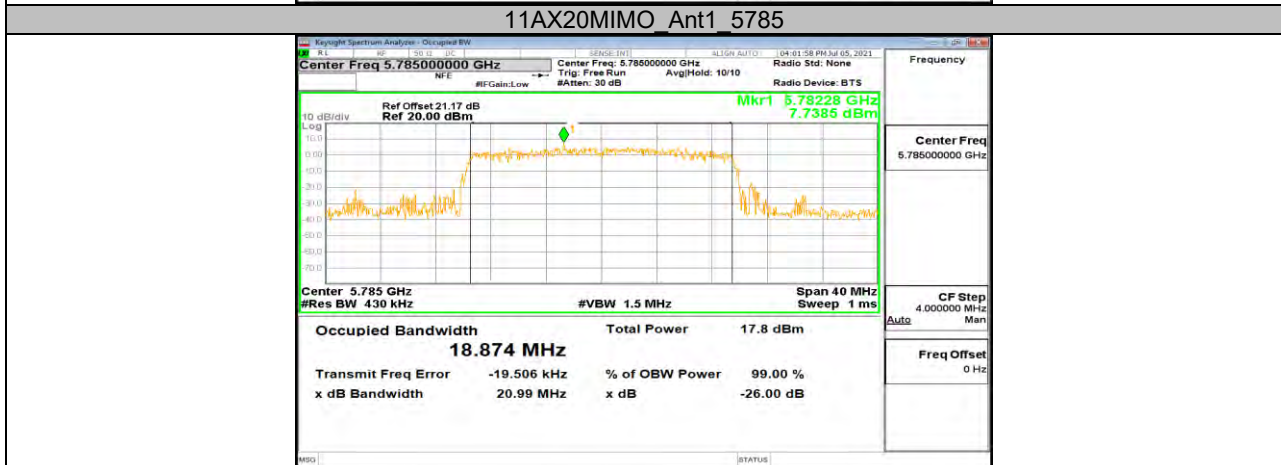
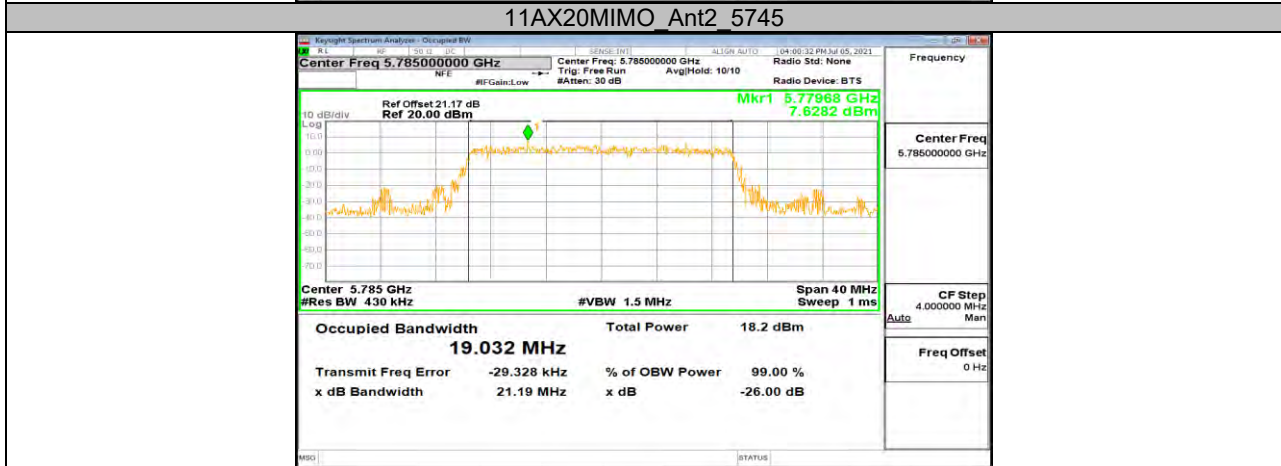
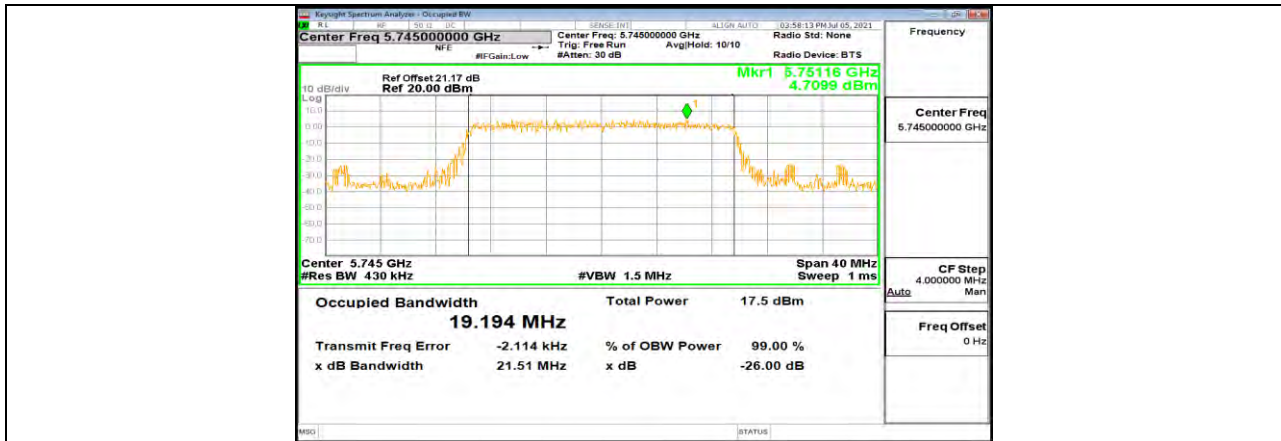


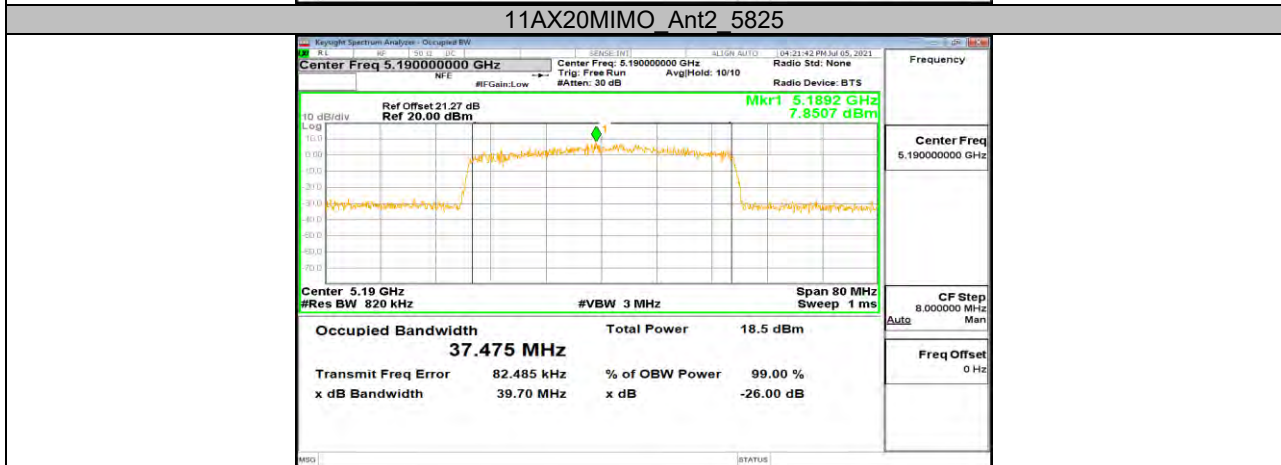
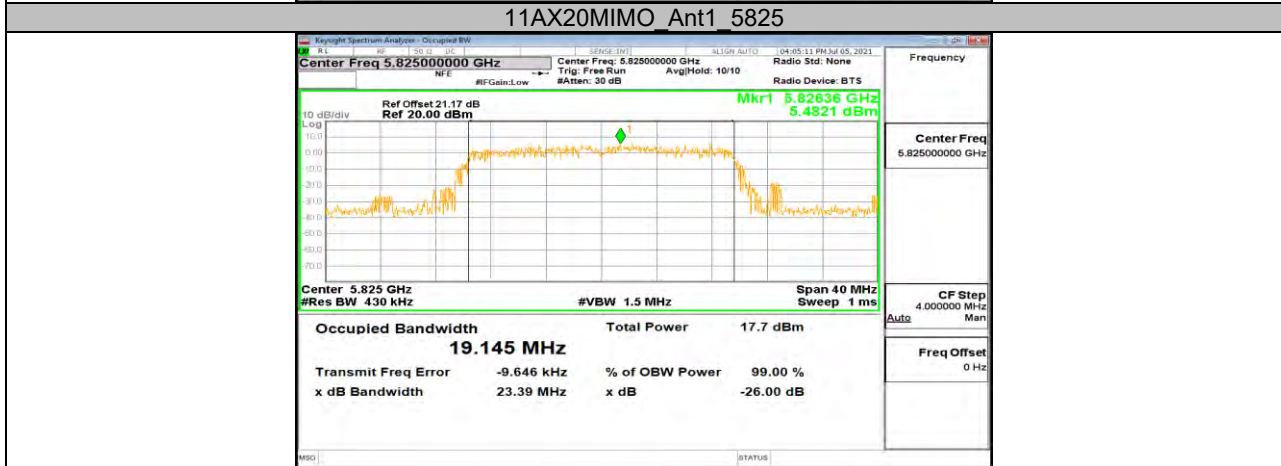
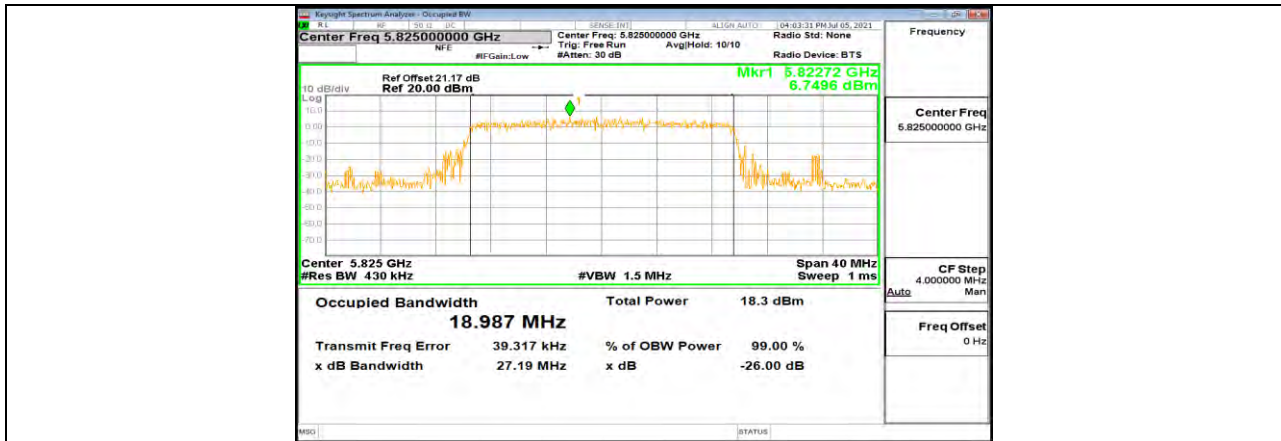
11AX20MIMO_Ant1_5700

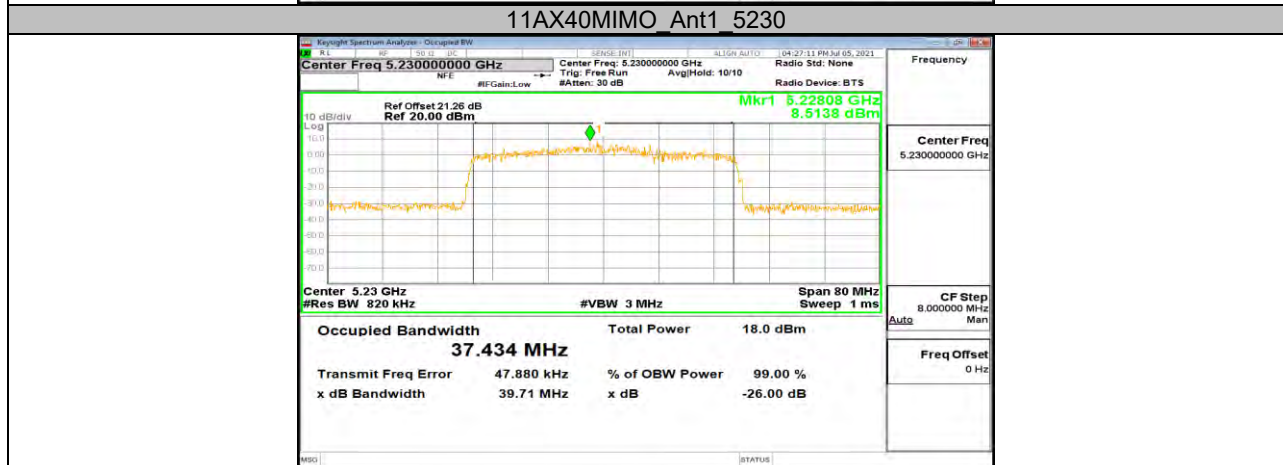
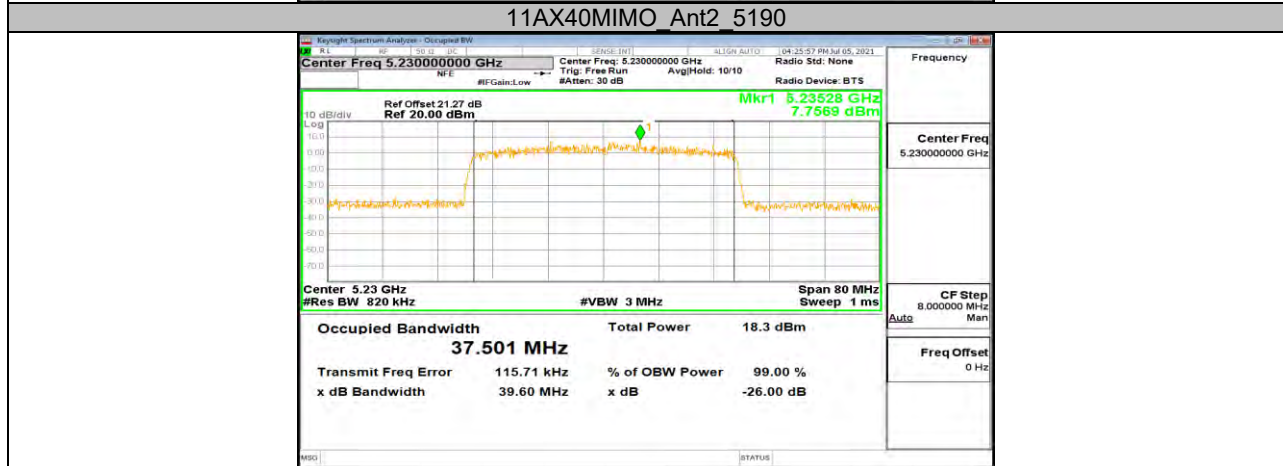
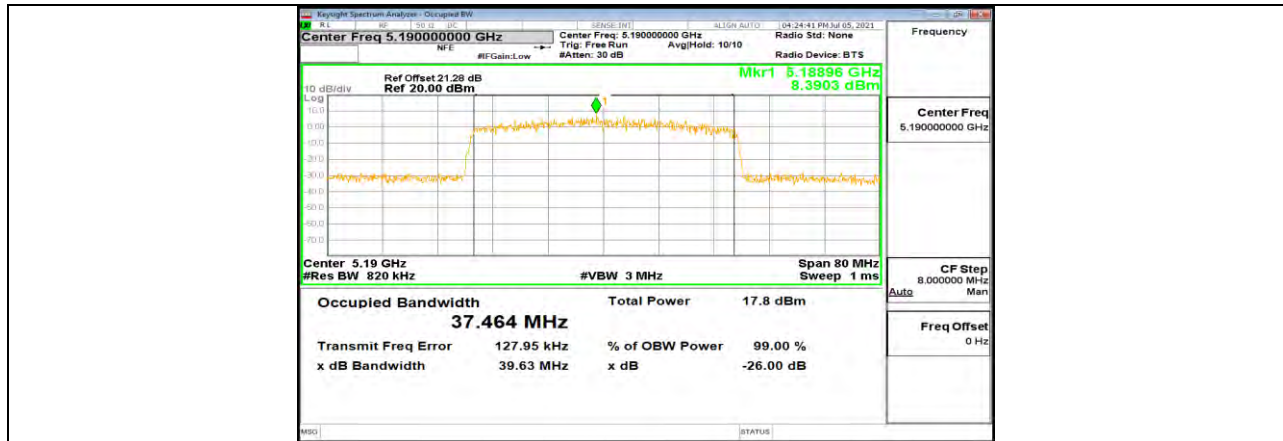


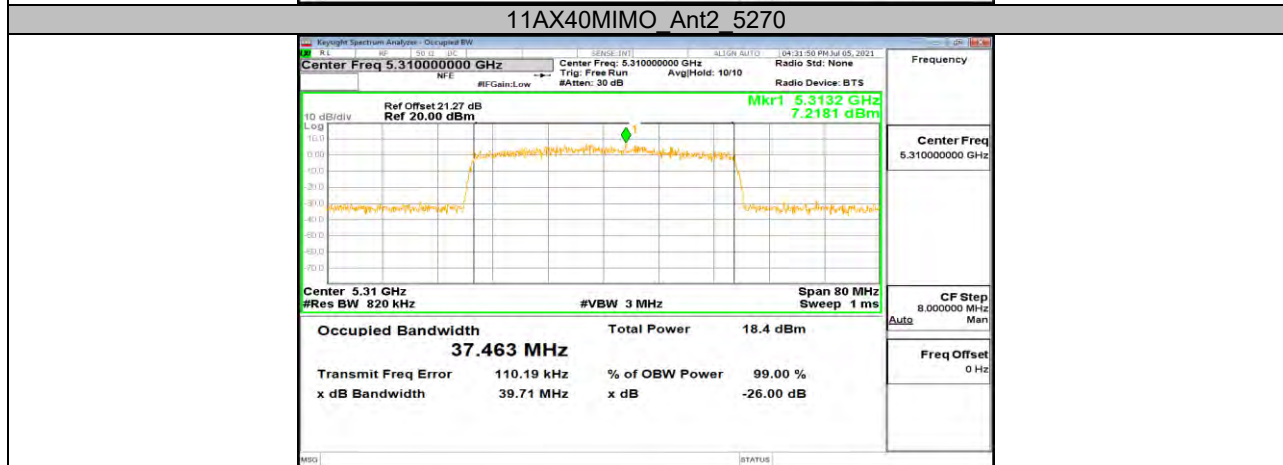
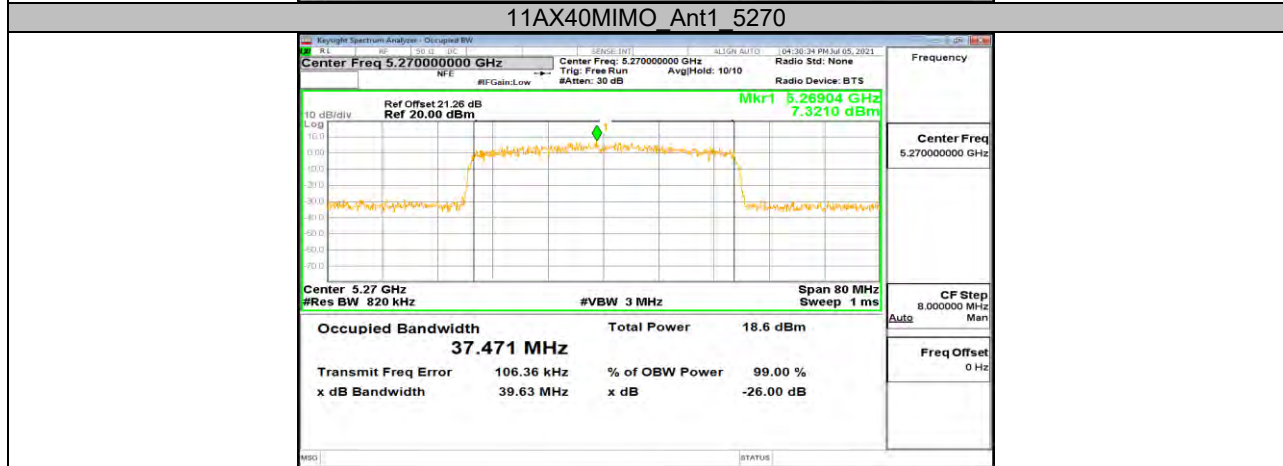
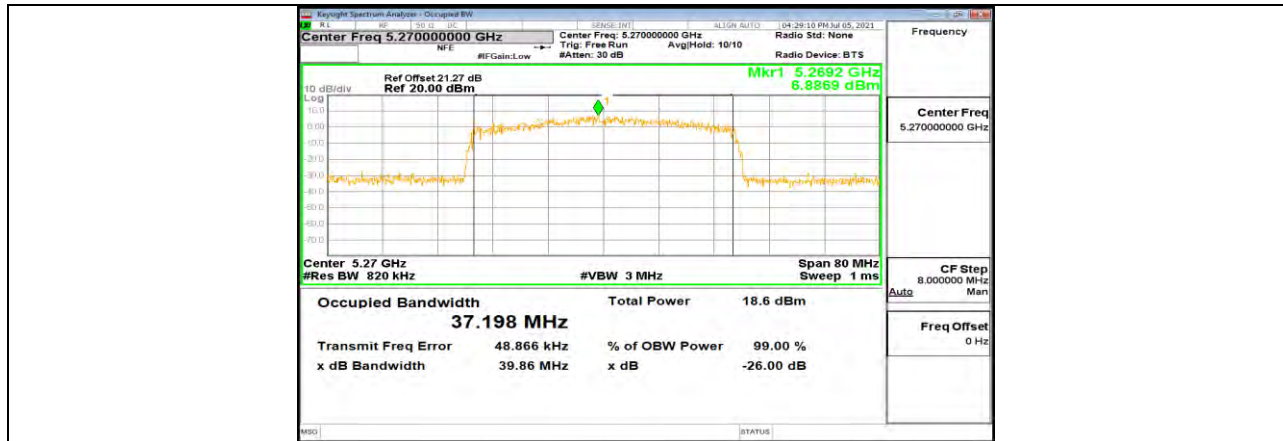
11AX20MIMO_Ant2_5700

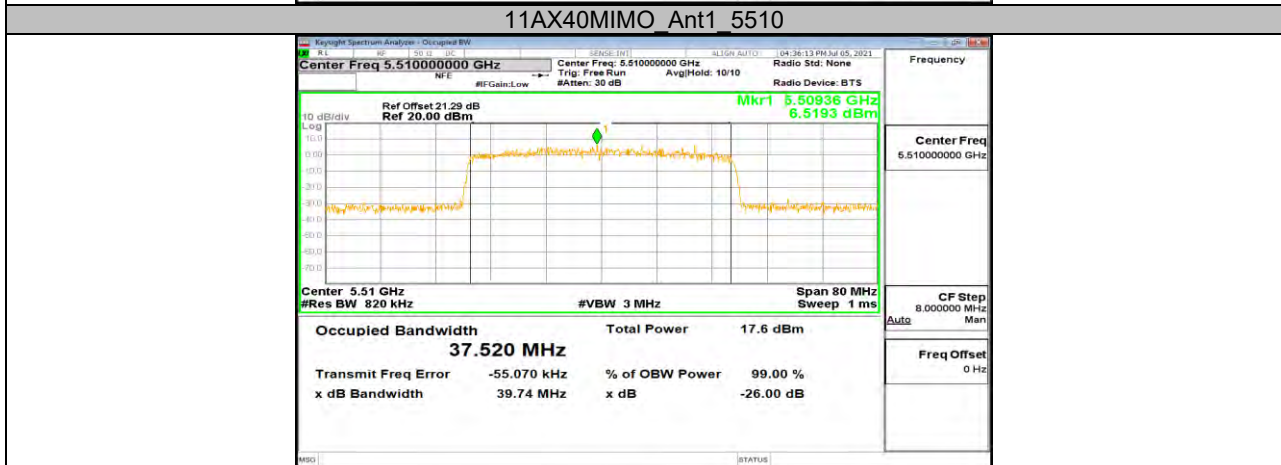
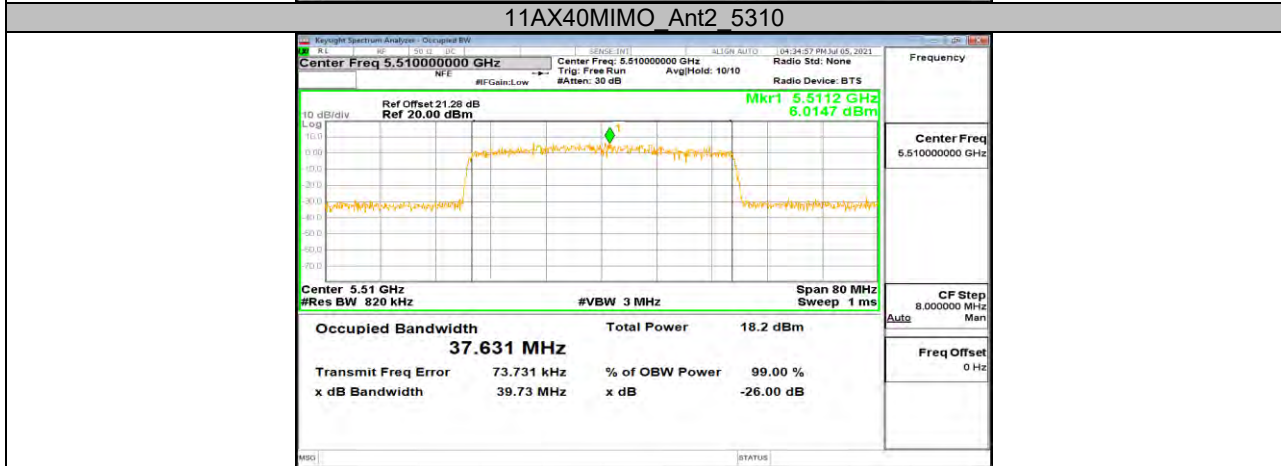
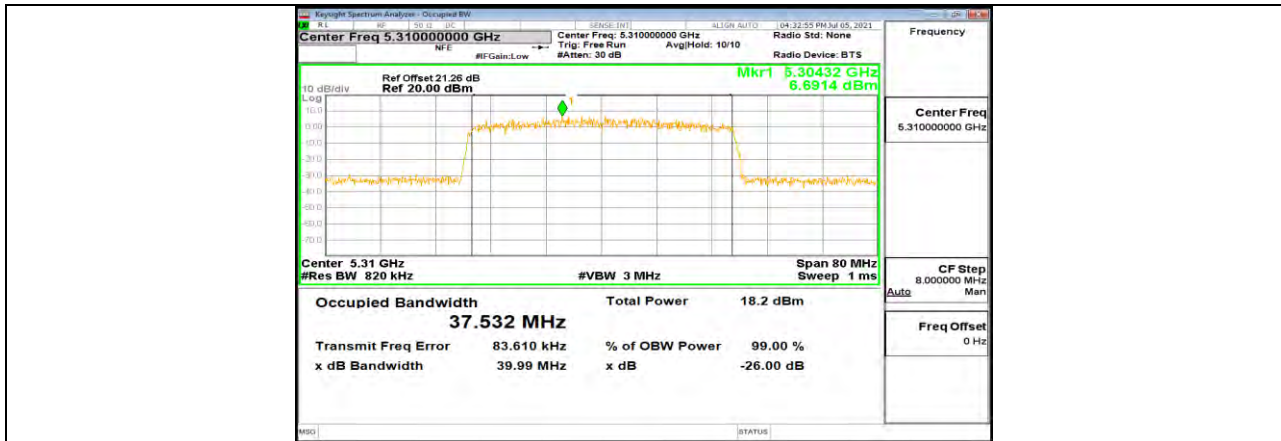


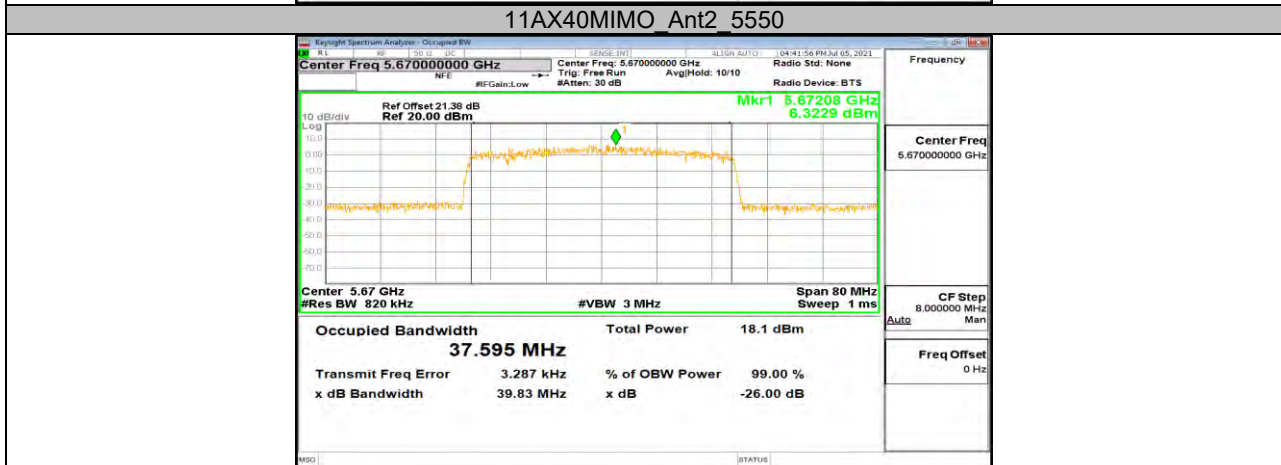
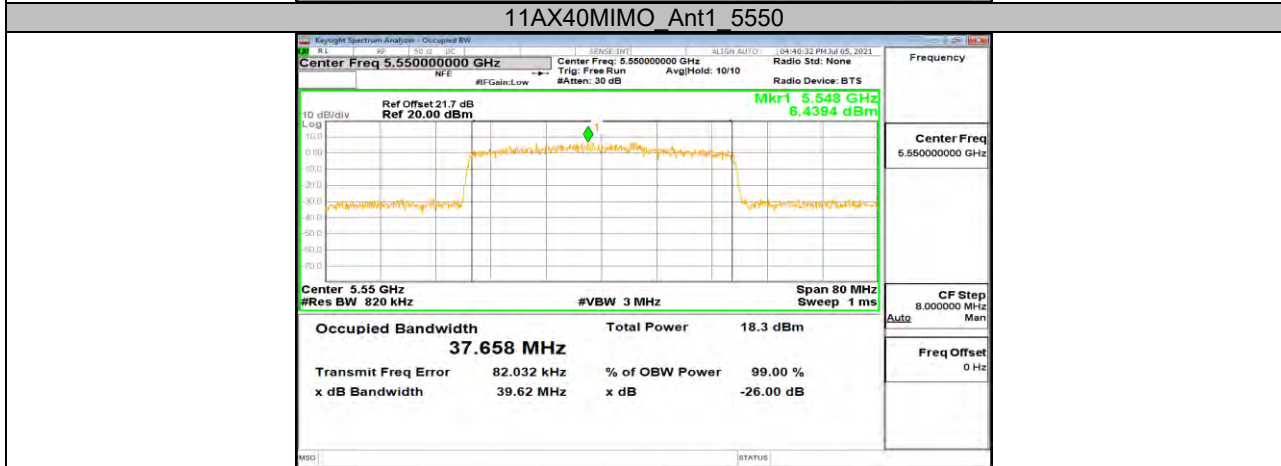
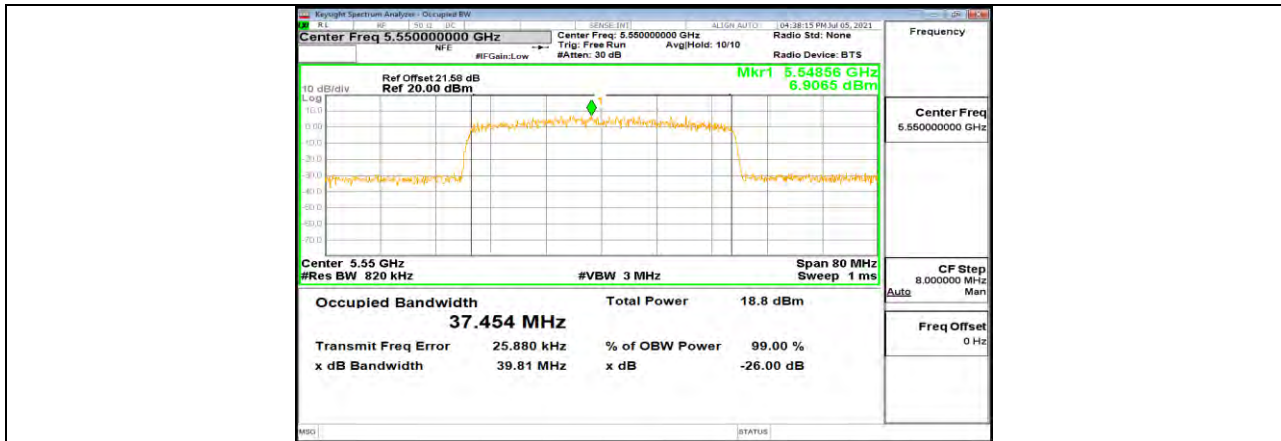


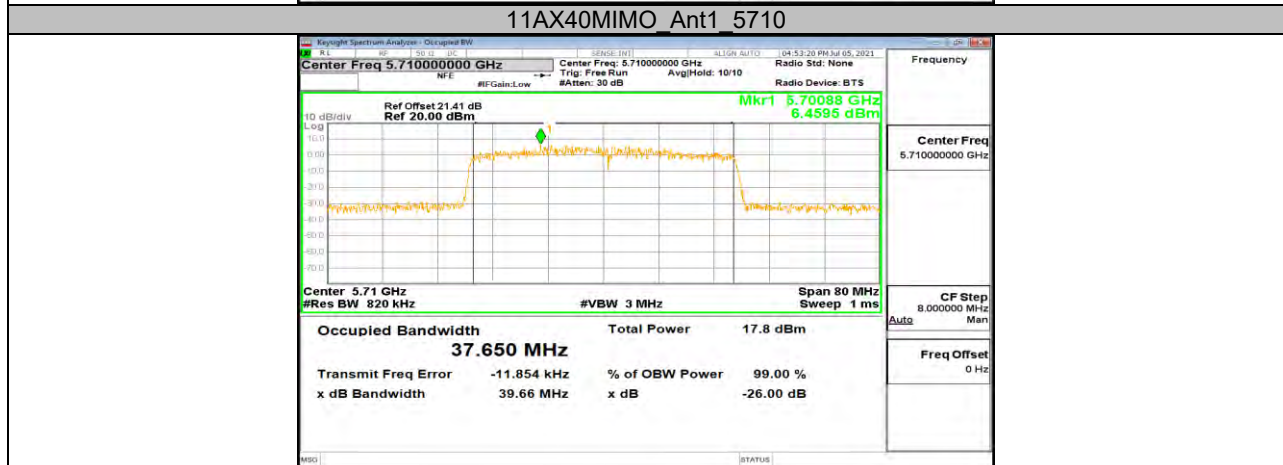
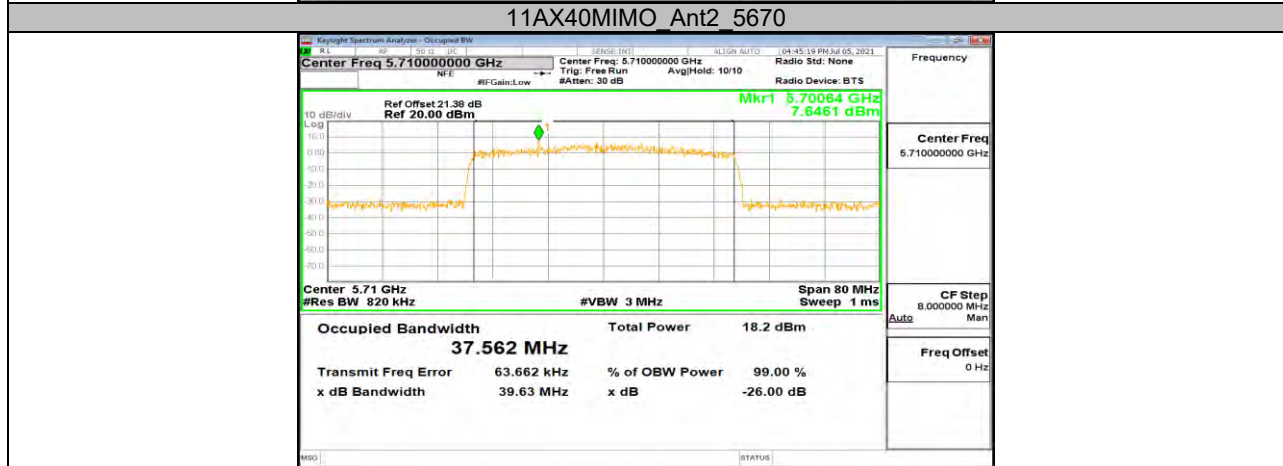
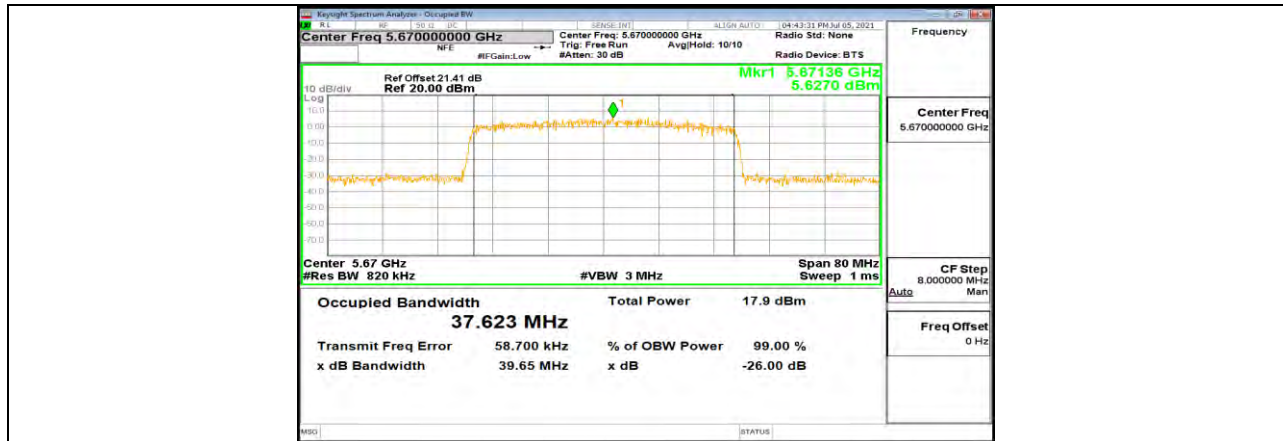


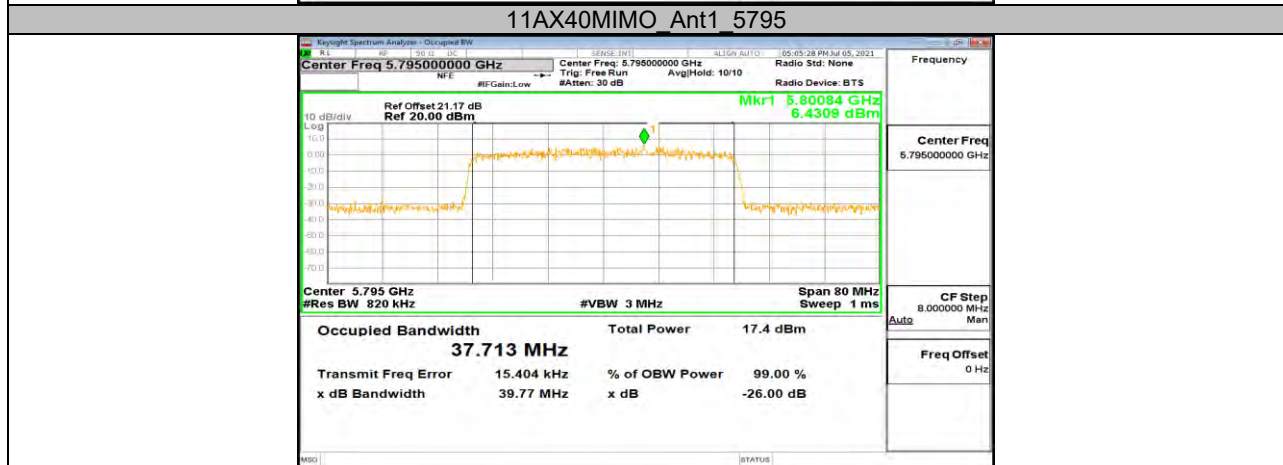
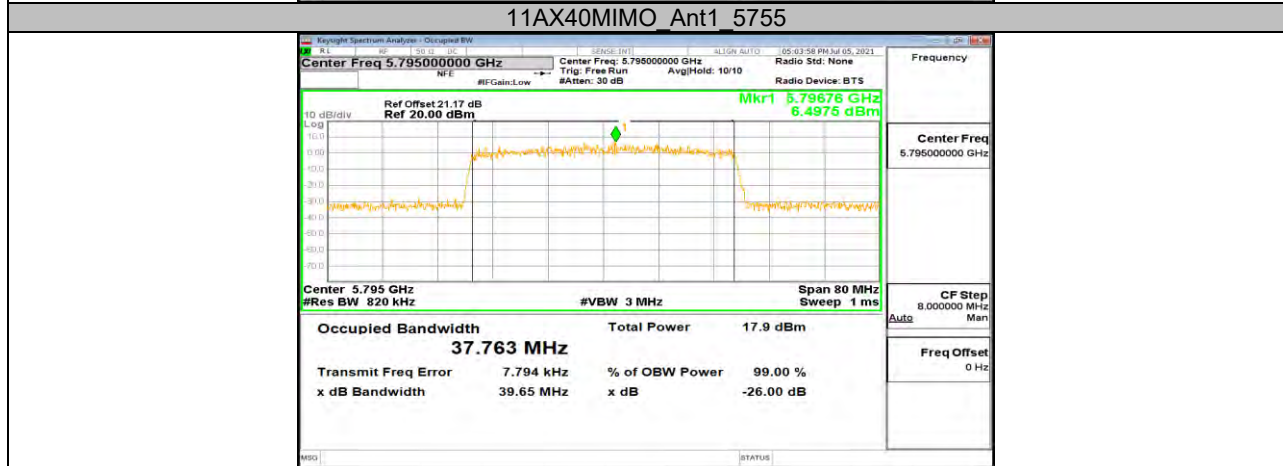
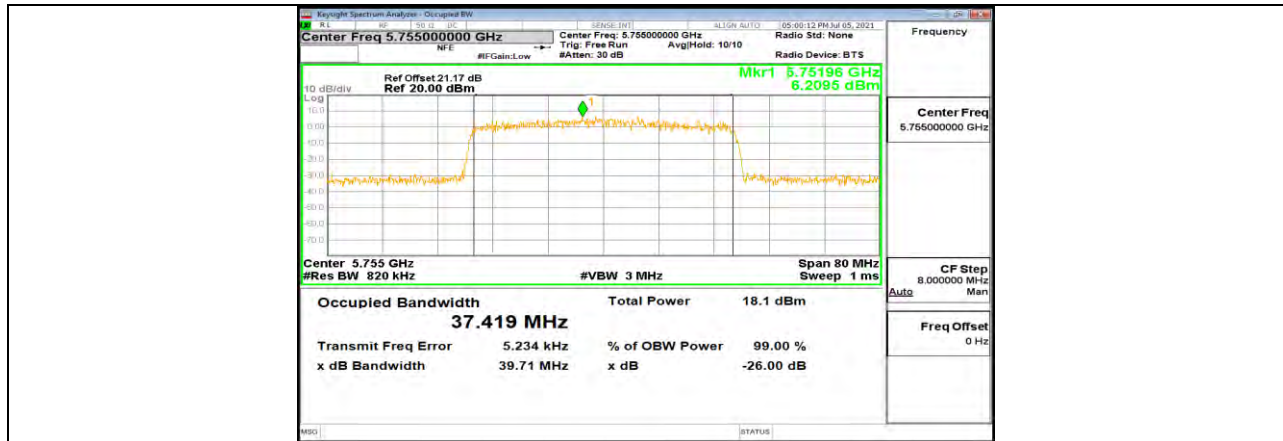


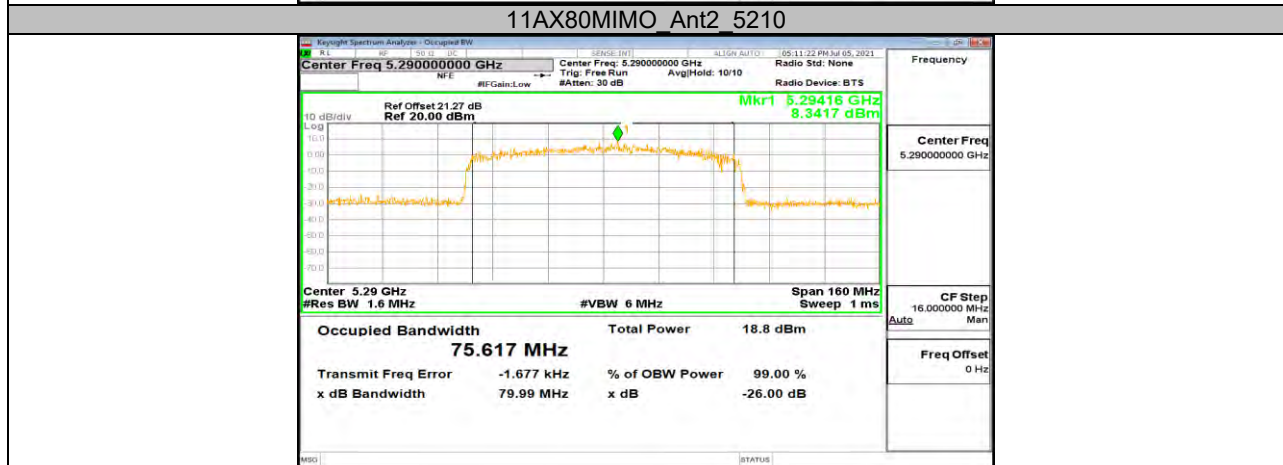
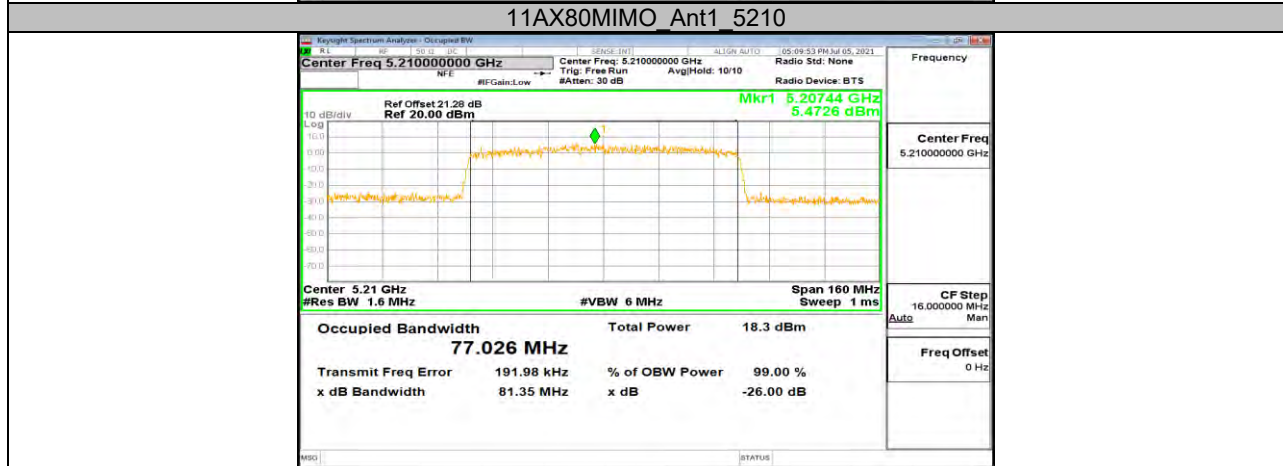
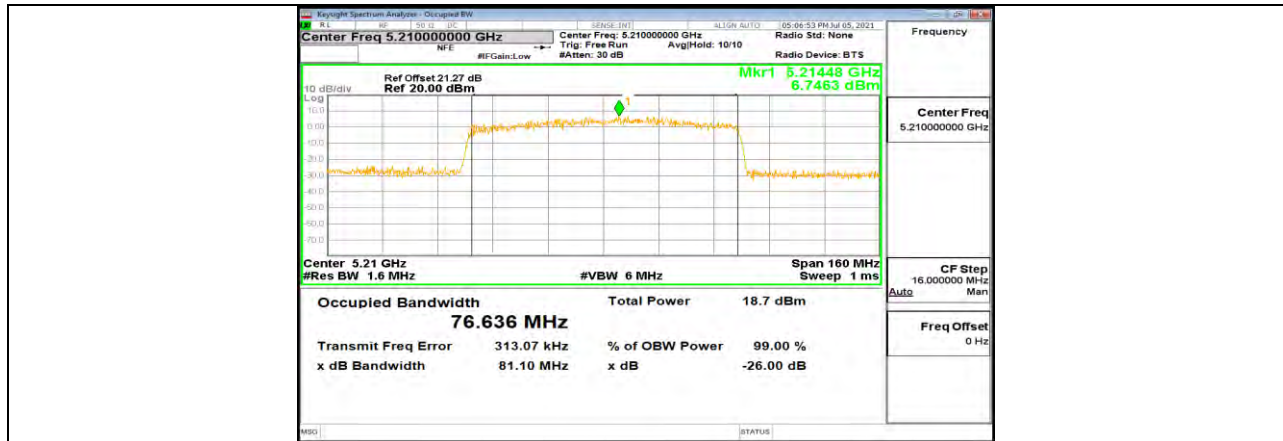


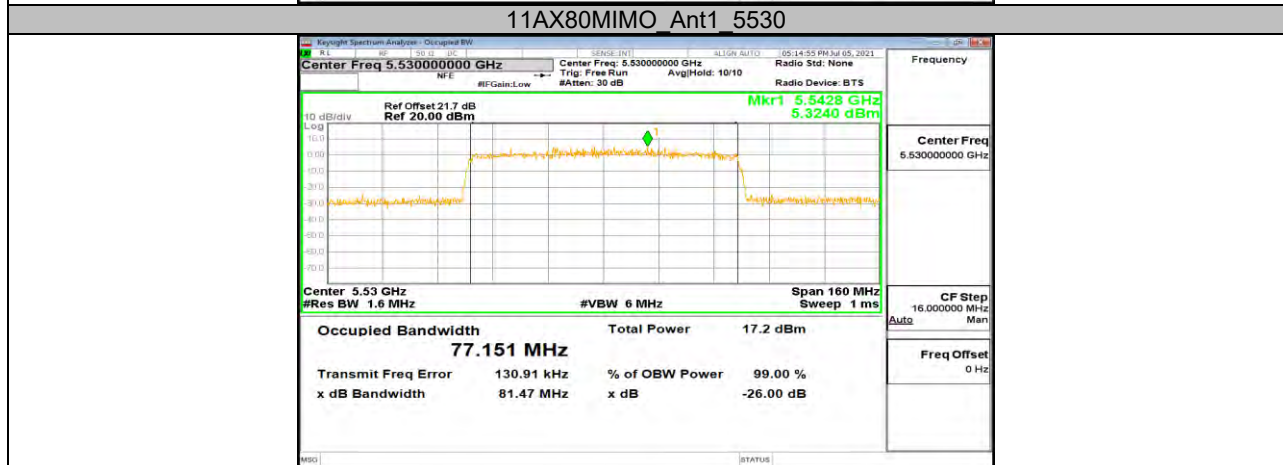
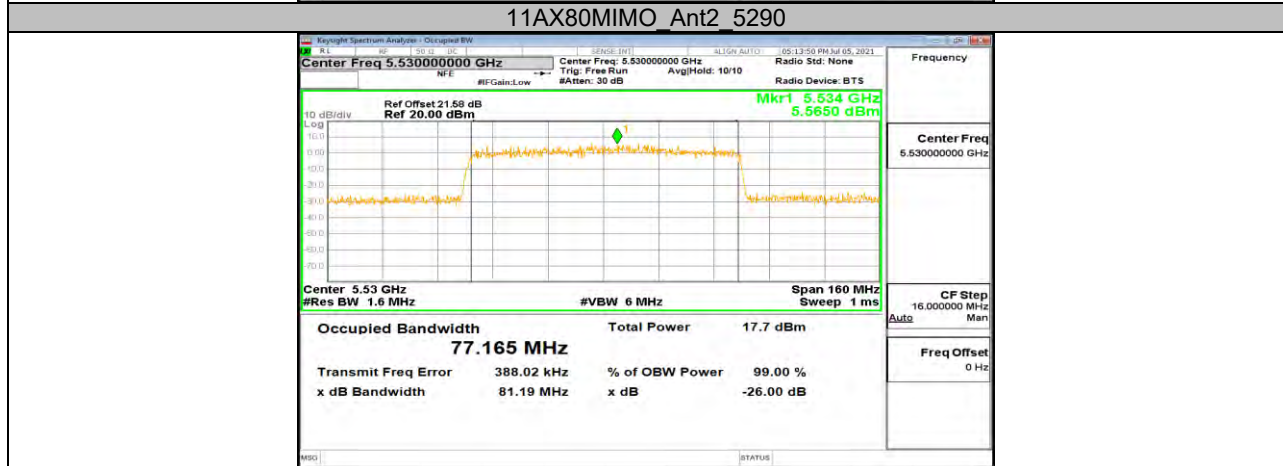
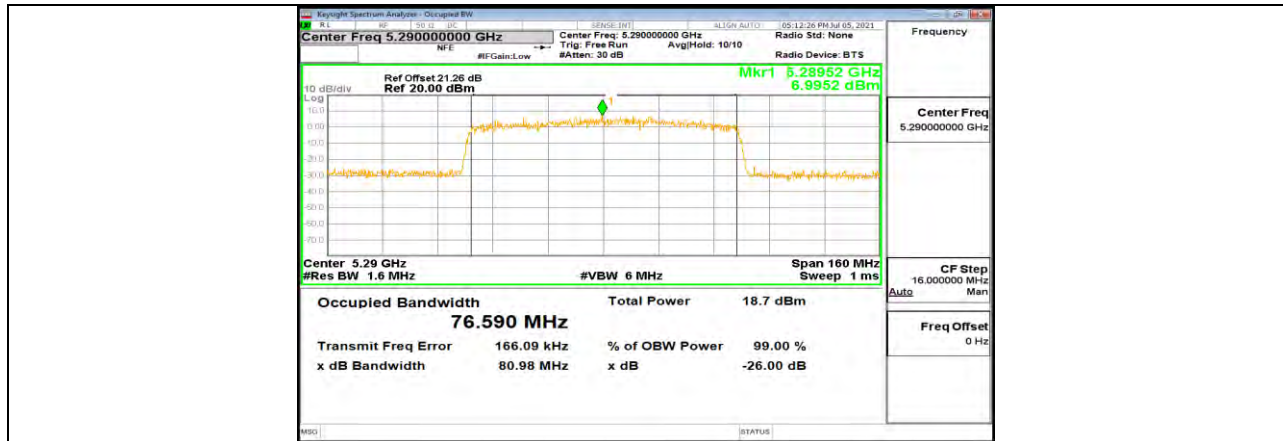


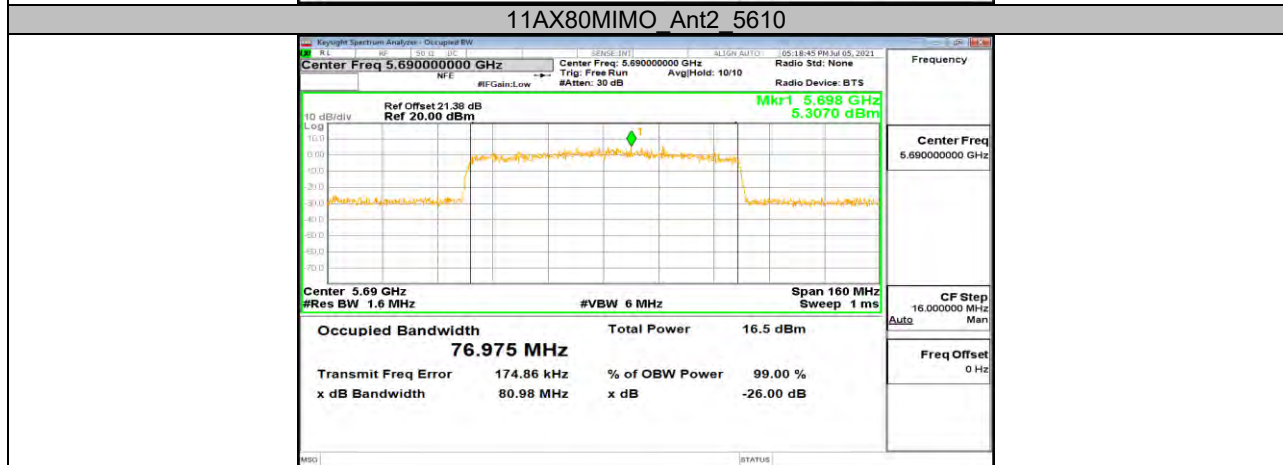
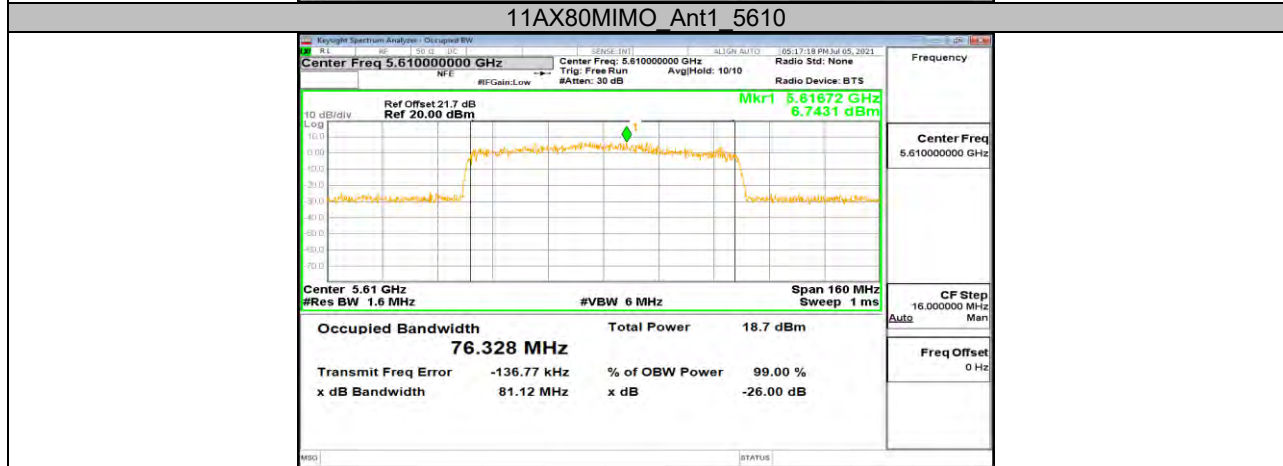
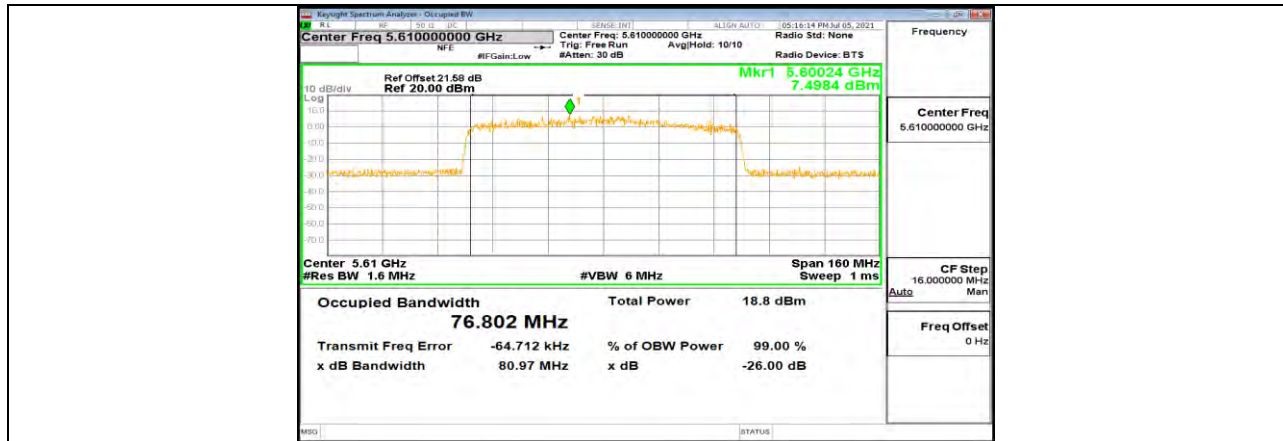


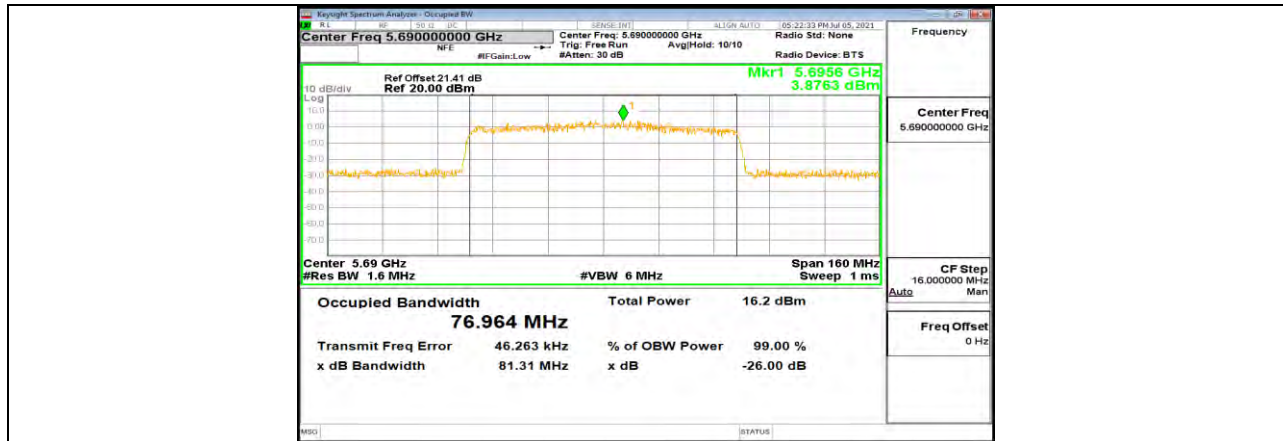




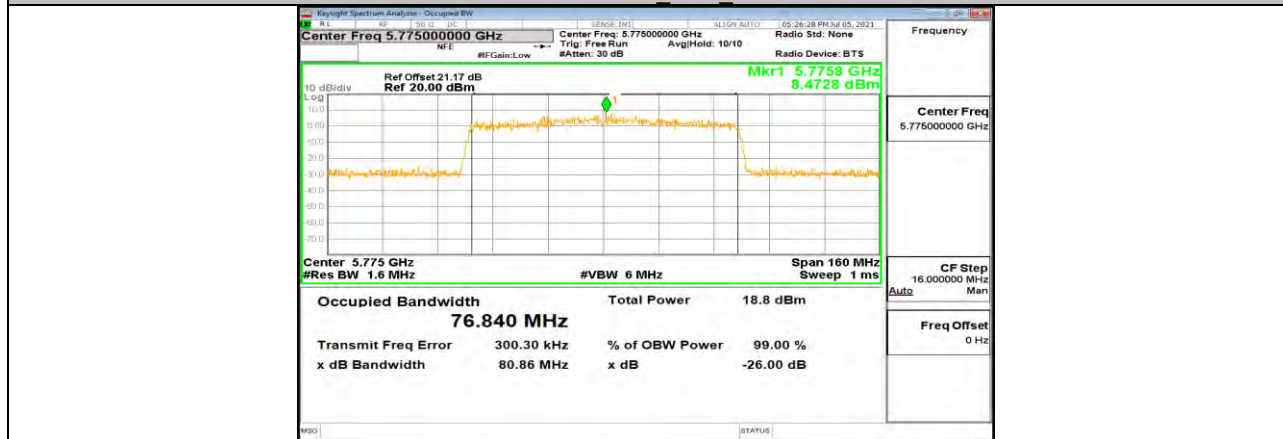




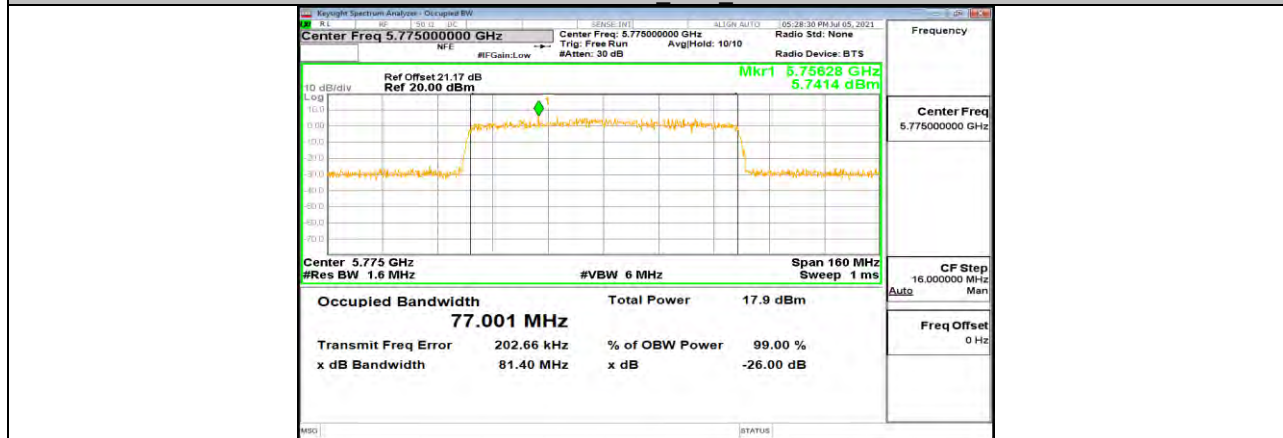




11AX80MIMO Ant2_5690



11AX80MIMO Ant1_5775



11AX80MIMO Ant2_5775



13.3. Appendix A3: Min emission bandwidth

13.3.1. Test Result

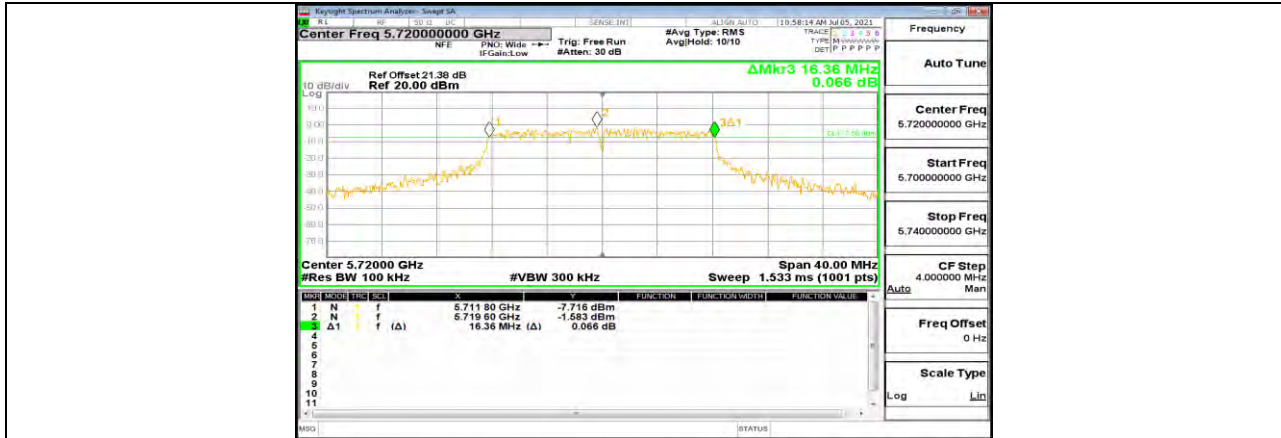
Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A20	Ant0	5720 ₃ UNII-	3.16	5725	5728.160	0.5	PASS
	Ant1	5720 ₃ UNII-	3.32	5725	5728.320	0.5	PASS
	Ant0	5745	16.480	5736.720	5753.200	0.5	PASS
	Ant1	5745	16.360	5736.840	5753.200	0.5	PASS
	Ant0	5785	16.520	5776.640	5793.160	0.5	PASS
	Ant1	5785	16.360	5776.800	5793.160	0.5	PASS
	Ant0	5825	16.480	5816.720	5833.200	0.5	PASS
	Ant1	5825	16.400	5816.800	5833.200	0.5	PASS
11N20MIMO	Ant0	5720 ₃ UNII-	3.8	5725	5728.800	0.5	PASS
	Ant1	5720 ₃ UNII-	3.76	5725	5728.760	0.5	PASS
	Ant0	5745	17.800	5736.040	5753.840	0.5	PASS
	Ant1	5745	17.800	5736.040	5753.840	0.5	PASS
	Ant0	5785	17.760	5776.080	5793.840	0.5	PASS
	Ant1	5785	17.800	5776.040	5793.840	0.5	PASS
	Ant0	5825	17.720	5816.080	5833.800	0.5	PASS
	Ant1	5825	17.640	5816.160	5833.800	0.5	PASS
11N40MIMO	Ant0	5710 ₃ UNII-	2.6	5725	5727.600	0.5	PASS
	Ant1	5710 ₃ UNII-	2.6	5725	5727.600	0.5	PASS
	Ant0	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
	Ant0	5795	35.200	5777.400	5812.600	0.5	PASS
	Ant1	5795	35.280	5777.320	5812.600	0.5	PASS
11AC80MIMO	Ant0	5690 ₃ UNII-	2.6	5725	5727.600	0.5	PASS
	Ant1	5690 ₃ UNII-	2.76	5725	5727.760	0.5	PASS
	Ant0	5775	75.520	5737.240	5812.760	0.5	PASS
	Ant1	5775	75.360	5737.240	5812.600	0.5	PASS
11AX20MIMO	Ant0	5720 ₃ UNII-	4.32	5725	5729.320	0.5	PASS
	Ant1	5720 ₃ UNII-	4.56	5725	5729.560	0.5	PASS
	Ant0	5745	18.000	5735.960	5753.960	0.5	PASS
	Ant1	5745	18.880	5735.640	5754.520	0.5	PASS
	Ant0	5785	19.120	5775.440	5794.560	0.5	PASS
	Ant1	5785	18.800	5775.480	5794.280	0.5	PASS
	Ant0	5825	19.000	5815.520	5834.520	0.5	PASS
	Ant1	5825	18.760	5815.680	5834.440	0.5	PASS
11AX40MIMO	Ant0	5710 ₃ UNII-	2.6	5725	5727.600	0.5	PASS
	Ant1	5710 ₃ UNII-	2.52	5725	5727.520	0.5	PASS
	Ant0	5755	35.520	5737.320	5772.840	0.5	PASS
	Ant1	5755	35.680	5737.400	5773.080	0.5	PASS
	Ant0	5795	36.720	5776.600	5813.320	0.5	PASS
	Ant1	5795	36.480	5776.120	5812.600	0.5	PASS



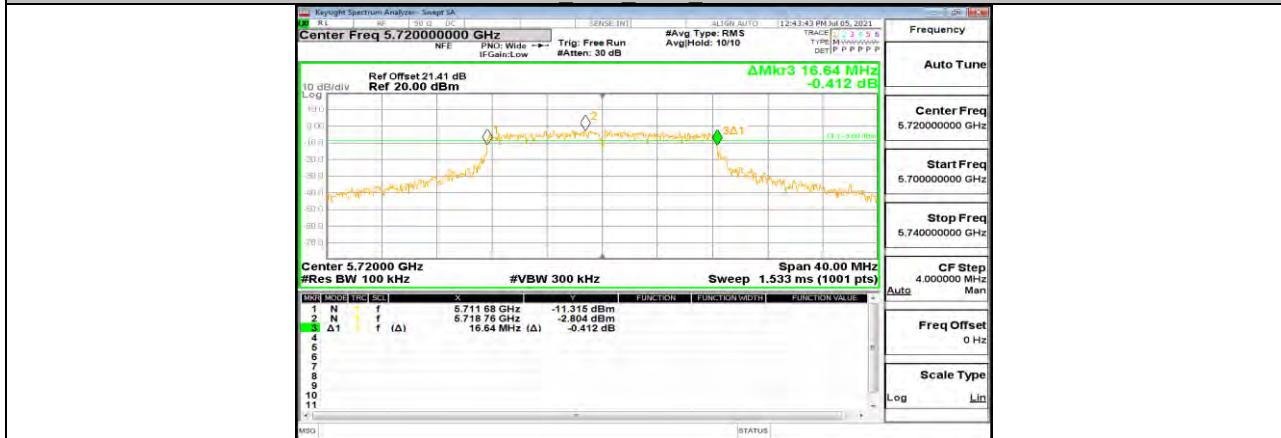
11AX80MIMO	Ant0	5690 ₃ UNII-	2.76	5725	5727.760	0.5	PASS
	Ant1	5690 ₃ UNII-	2.6	5725	5727.600	0.5	PASS
	Ant0	5775	75.520	5737.240	5812.760	0.5	PASS
	Ant1	5775	74.240	5738.520	5812.760	0.5	PASS



13.3.2. Test Graphs



11A Ant1 5720 UNII-3



11A Ant2 5720 UNII-3



11A Ant1 5745



11A Ant2 5745



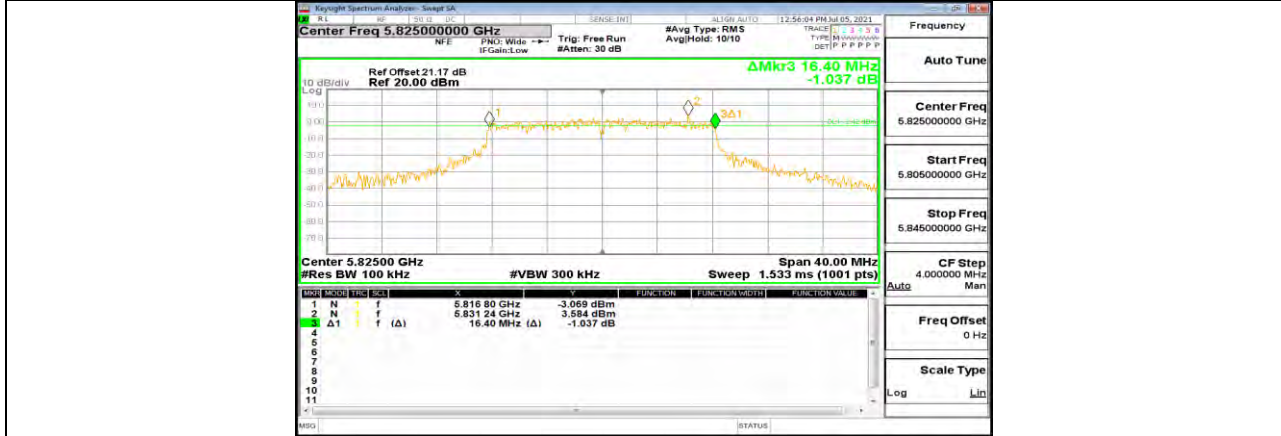
11A Ant1 5785



11A Ant2 5785



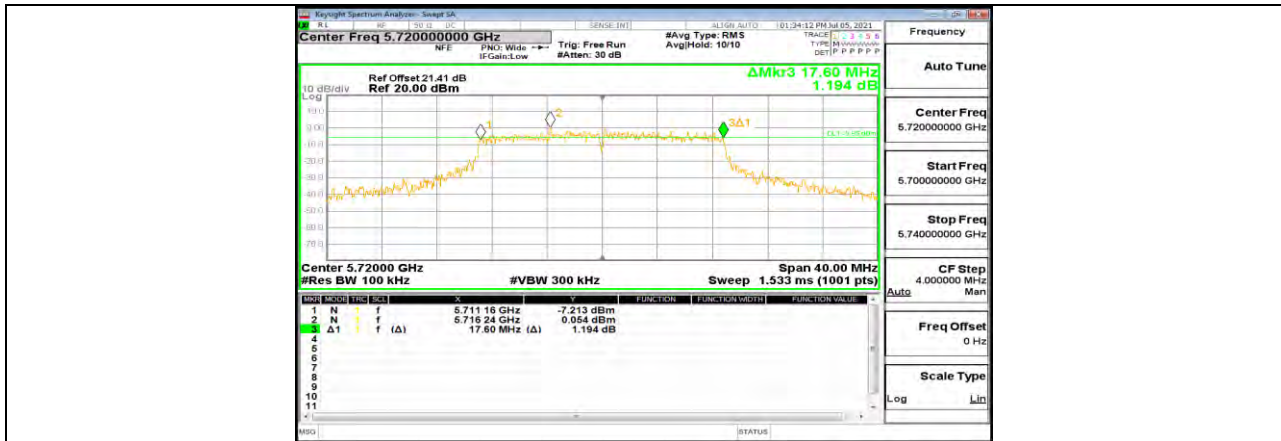
11A Ant1 5825



11A Ant2 5825



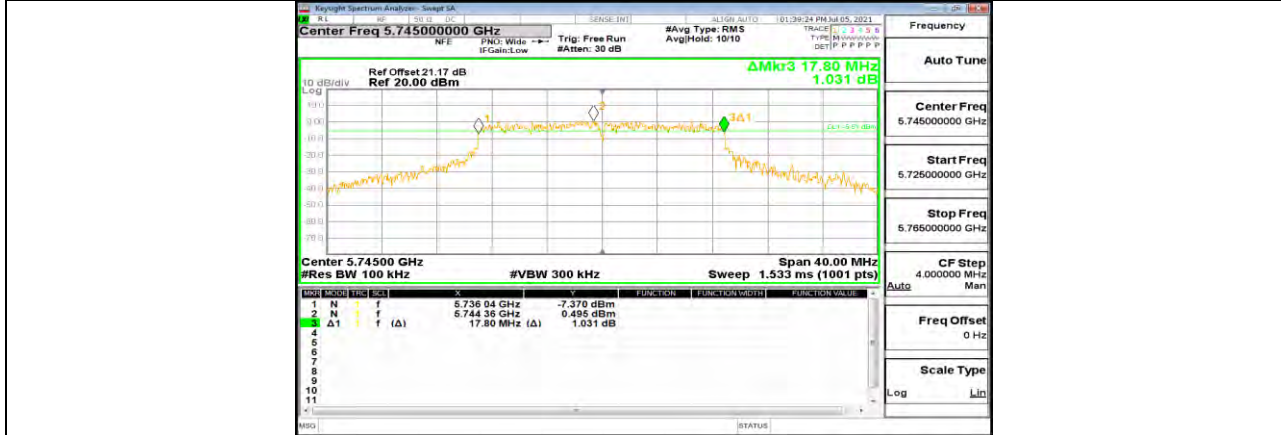
11N20MIMO Ant1 5720 UNII-3



11N20MIMO Ant2 5720 UNII-3



11N20MIMO Ant1 5745



11N20MIMO Ant2 5745



11N20MIMO Ant1 5785



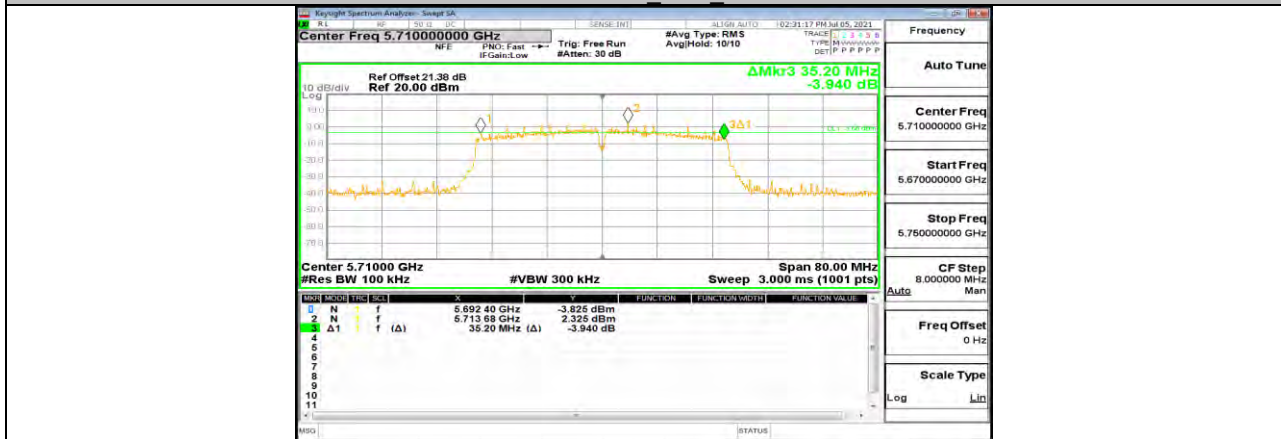
11N20MIMO Ant2 5785



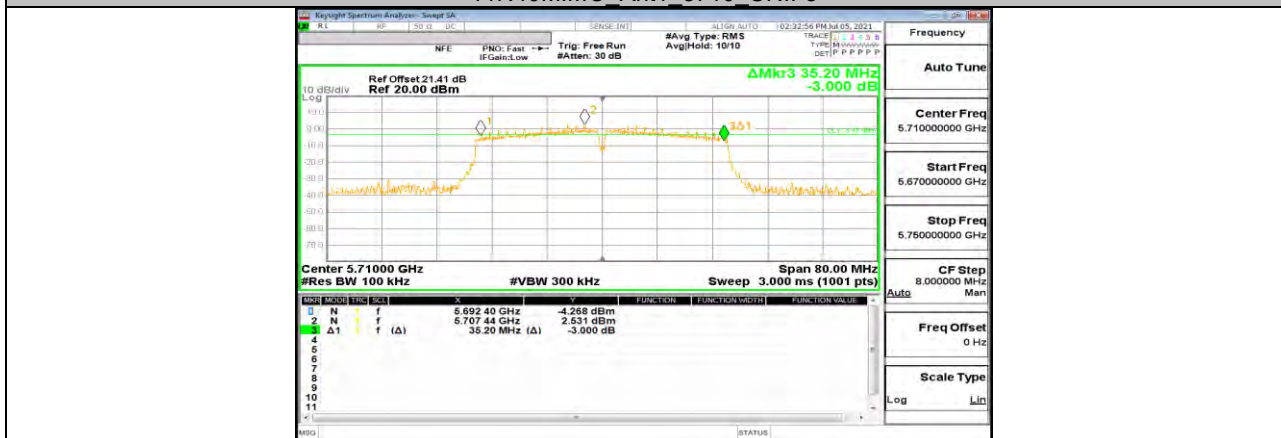
11N20MIMO Ant1 5825



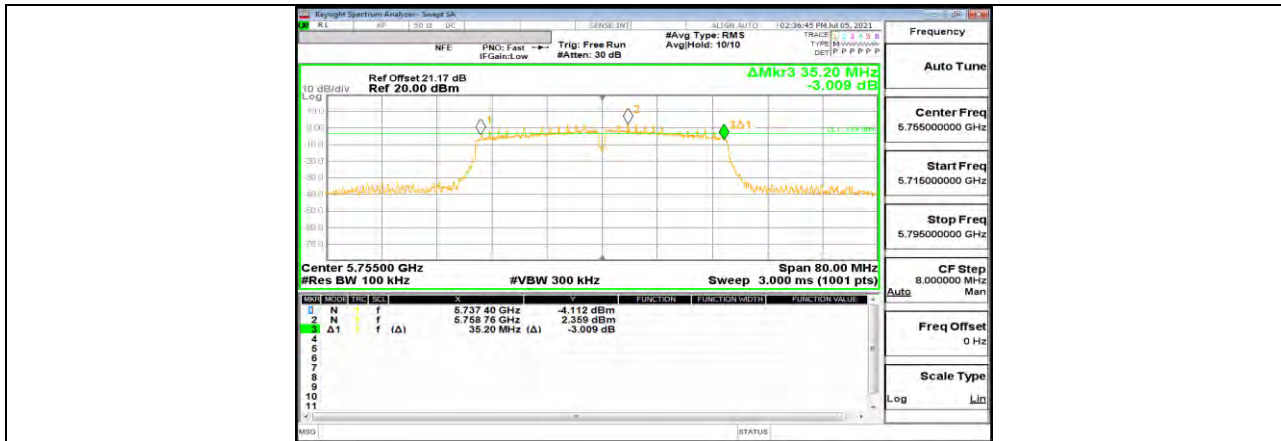
11N20MIMO Ant2 5825



11N40MIMO Ant1 5710 UNII-3



11N40MIMO Ant2 5710 UNII-3



11N40MIMO Ant1 5755



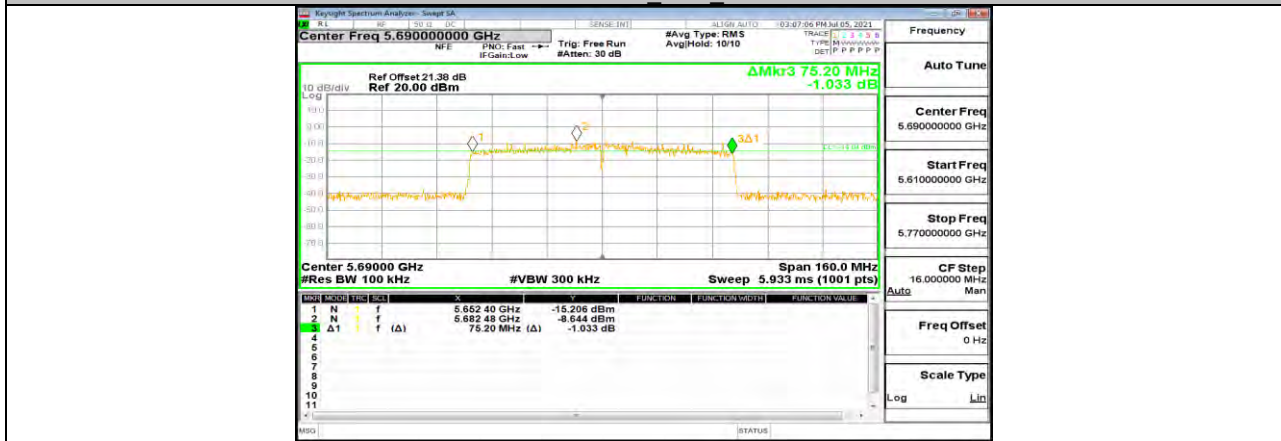
11N40MIMO Ant2 5755



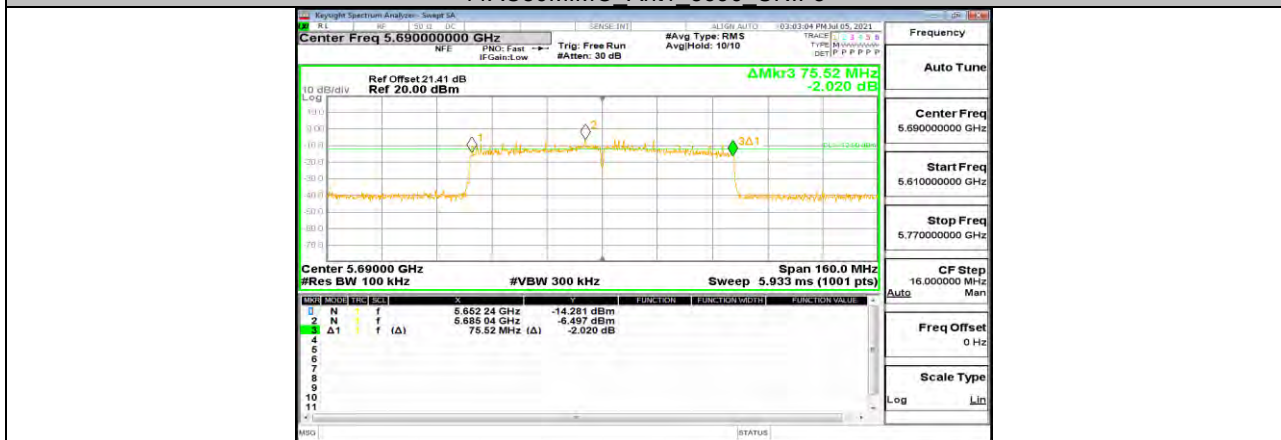
11N40MIMO Ant1 5795



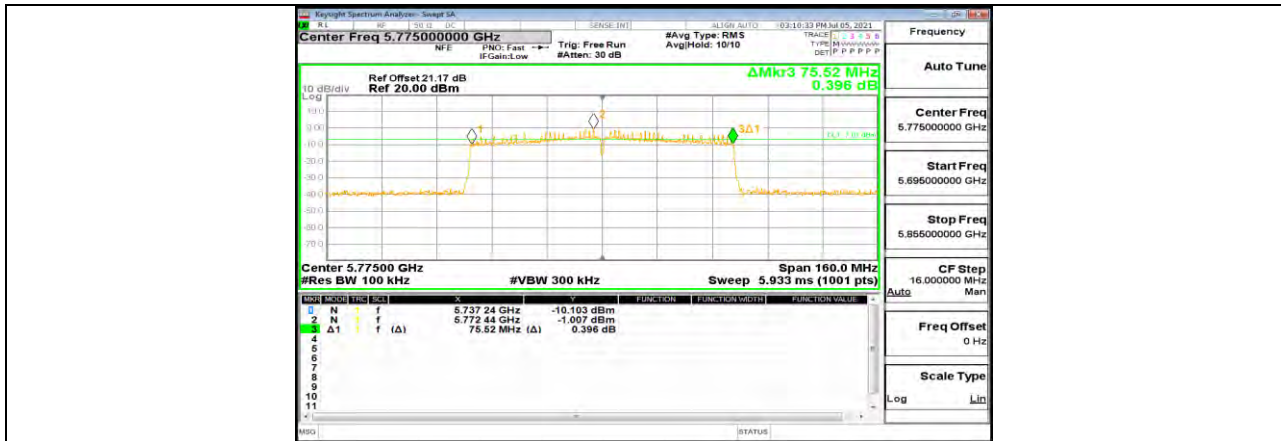
11N40MIMO Ant2 5795



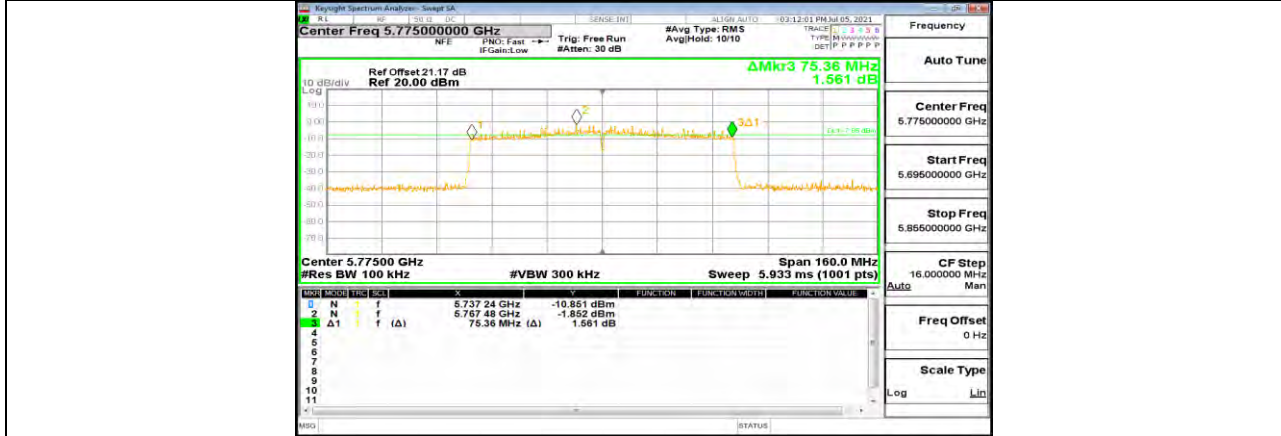
11AC80MIMO Ant1 5690 UNII-3



11AC80MIMO Ant2 5690 UNII-3



11AC80MIMO Ant1 5775



11AC80MIMO Ant2 5775



11AX20MIMO Ant1 5720 UNII-3