



Appendix A2: Occupied channel bandwidth Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	16.458	5171.851	5188.309	PASS
	Ant2	5180	16.508	5171.808	5188.316	PASS
	Ant1	5200	16.496	5191.778	5208.274	PASS
	Ant2	5200	16.451	5191.819	5208.270	PASS
	Ant1	5240	16.464	5231.812	5248.276	PASS
	Ant2	5240	16.454	5231.821	5248.275	PASS
	Ant1	5260	16.485	5251.790	5268.275	PASS
	Ant2	5260	16.465	5251.833	5268.298	PASS
	Ant1	5280	16.414	5271.829	5288.243	PASS
	Ant2	5280	16.474	5271.803	5288.277	PASS
	Ant1	5320	16.487	5311.767	5328.254	PASS
	Ant2	5320	16.492	5311.792	5328.284	PASS
	Ant1	5500	16.478	5491.833	5508.311	PASS
	Ant2	5500	16.449	5491.835	5508.284	PASS
	Ant1	5600	16.493	5591.816	5608.309	PASS
	Ant2	5600	16.494	5591.800	5608.294	PASS
	Ant1	5700	16.461	5691.771	5708.232	PASS
	Ant2	5700	16.466	5691.811	5708.277	PASS
	Ant1	5720	16.474	5711.825	5728.299	PASS
	Ant2	5720	16.472	5711.815	5728.287	PASS
	Ant1	5720 UNII-2C	13.175	5711.825	5725	PASS
	Ant2	5720 UNII-2C	13.185	5711.815	5725	PASS
	Ant1	5720 UNII-3	3.299	5725	5728.299	PASS
	Ant2	5720 UNII-3	3.287	5725	5728.287	PASS
	Ant1	5745	16.491	5736.819	5753.310	PASS
	Ant2	5745	16.429	5736.834	5753.263	PASS
	Ant1	5785	16.496	5776.793	5793.289	PASS
	Ant2	5785	16.460	5776.826	5793.286	PASS
Ant1	5825	16.476	5816.814	5833.290	PASS	
Ant2	5825	16.494	5816.800	5833.294	PASS	
11N20MIMO	Ant1	5180	17.641	5171.314	5188.955	PASS
	Ant2	5180	17.657	5171.346	5189.003	PASS
	Ant1	5200	17.627	5191.331	5208.958	PASS
	Ant2	5200	17.633	5191.359	5208.992	PASS
	Ant1	5240	17.638	5231.302	5248.940	PASS
	Ant2	5240	17.618	5231.361	5248.979	PASS
	Ant1	5260	17.602	5251.355	5268.957	PASS
	Ant2	5260	17.636	5251.369	5269.005	PASS
	Ant1	5280	17.599	5271.363	5288.962	PASS
	Ant2	5280	17.600	5271.410	5289.010	PASS
	Ant1	5320	17.665	5311.342	5329.007	PASS
	Ant2	5320	17.660	5311.417	5329.077	PASS
	Ant1	5500	17.615	5491.373	5508.988	PASS
	Ant2	5500	17.606	5491.456	5509.062	PASS
	Ant1	5600	17.675	5591.353	5609.028	PASS
	Ant2	5600	17.610	5591.416	5609.026	PASS
	Ant1	5700	17.608	5691.342	5708.950	PASS
	Ant2	5700	17.600	5691.399	5708.999	PASS
	Ant1	5720	17.646	5711.366	5729.012	PASS
	Ant2	5720	17.614	5711.445	5729.059	PASS
	Ant1	5720 UNII-2C	13.634	5711.366	5725	PASS
	Ant2	5720 UNII-2C	13.555	5711.445	5725	PASS



	Ant1	5720 UNII-3	4.012	5725	5729.012	PASS	
	Ant2	5720 UNII-3	4.059	5725	5729.059	PASS	
	Ant1	5745	17.650	5736.418	5754.068	PASS	
	Ant2	5745	17.644	5736.423	5754.067	PASS	
	Ant1	5785	17.611	5776.391	5794.002	PASS	
	Ant2	5785	17.630	5776.429	5794.059	PASS	
	Ant1	5825	17.619	5816.395	5834.014	PASS	
	Ant2	5825	17.639	5816.460	5834.099	PASS	
11N40MIMO	Ant1	5190	36.153	5171.938	5208.091	PASS	
	Ant2	5190	36.020	5172.030	5208.050	PASS	
	Ant1	5230	35.977	5212.201	5248.178	PASS	
	Ant2	5230	36.126	5212.126	5248.252	PASS	
	Ant1	5270	35.970	5252.122	5288.092	PASS	
	Ant2	5270	36.146	5252.172	5288.318	PASS	
	Ant1	5310	36.051	5292.140	5328.191	PASS	
	Ant2	5310	36.170	5292.199	5328.369	PASS	
	Ant1	5510	36.118	5492.245	5528.363	PASS	
	Ant2	5510	36.173	5492.281	5528.454	PASS	
	Ant1	5590	36.130	5572.137	5608.267	PASS	
	Ant2	5590	36.132	5572.183	5608.315	PASS	
	Ant1	5670	36.147	5652.075	5688.222	PASS	
	Ant2	5670	36.122	5652.197	5688.319	PASS	
	Ant1	5710	36.112	5692.148	5728.260	PASS	
	Ant2	5710	36.196	5692.114	5728.310	PASS	
		Ant1	5710 UNII-2C	32.852	5692.148	5725	PASS
		Ant2	5710 UNII-2C	32.886	5692.114	5725	PASS
		Ant1	5710 UNII-3	3.26	5725	5728.260	PASS
		Ant2	5710 UNII-3	3.31	5725	5728.310	PASS
	Ant1	5755	36.080	5737.168	5773.248	PASS	
	Ant2	5755	36.154	5737.215	5773.369	PASS	
	Ant1	5795	36.151	5777.193	5813.344	PASS	
	Ant2	5795	36.060	5777.293	5813.353	PASS	
11AC20MIMO	Ant1	5180	17.607	5171.358	5188.965	PASS	
	Ant2	5180	17.642	5171.369	5189.011	PASS	
	Ant1	5200	17.669	5191.332	5209.001	PASS	
	Ant2	5200	17.632	5191.336	5208.968	PASS	
	Ant1	5240	17.609	5231.312	5248.921	PASS	
	Ant2	5240	17.646	5231.340	5248.986	PASS	
	Ant1	5260	17.599	5251.420	5269.019	PASS	
	Ant2	5260	17.666	5251.368	5269.034	PASS	
	Ant1	5280	17.621	5271.356	5288.977	PASS	
	Ant2	5280	17.633	5271.380	5289.013	PASS	
	Ant1	5320	17.661	5311.358	5329.019	PASS	
	Ant2	5320	17.623	5311.395	5329.018	PASS	
	Ant1	5500	17.603	5491.393	5508.996	PASS	
	Ant2	5500	17.569	5491.425	5508.994	PASS	
	Ant1	5600	17.653	5591.356	5609.009	PASS	
	Ant2	5600	17.645	5591.414	5609.059	PASS	
	Ant1	5700	17.577	5691.376	5708.953	PASS	
	Ant2	5700	17.562	5691.418	5708.980	PASS	
	Ant1	5720	17.664	5711.369	5729.033	PASS	
	Ant2	5720	17.631	5711.419	5729.050	PASS	
		Ant1	5720 UNII-2C	13.631	5711.369	5725	PASS
		Ant2	5720 UNII-2C	13.581	5711.419	5725	PASS
		Ant1	5720 UNII-3	4.033	5725	5729.033	PASS
		Ant2	5720 UNII-3	4.05	5725	5729.050	PASS
		Ant1	5745	17.661	5736.381	5754.042	PASS
		Ant2	5745	17.669	5736.415	5754.084	PASS
		Ant1	5785	17.641	5776.366	5794.007	PASS
		Ant2	5785	17.665	5776.387	5794.052	PASS
	Ant1	5825	17.600	5816.403	5834.003	PASS	

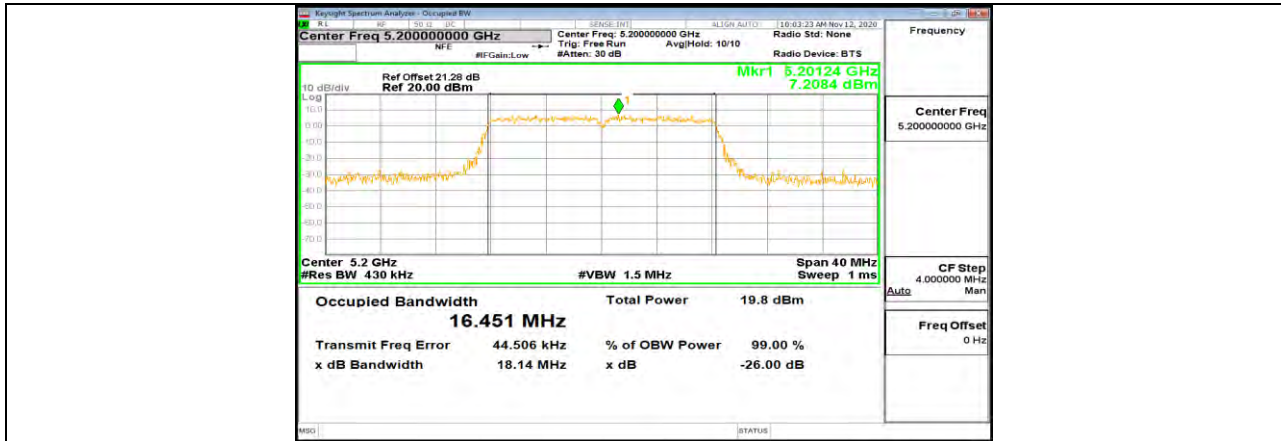


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	Ant2	5190	36.090	5172.199	5208.289	PASS
	Ant1	5230	36.047	5212.165	5248.212	PASS
	Ant2	5230	36.022	5212.225	5248.247	PASS
	Ant1	5270	36.042	5252.154	5288.196	PASS
	Ant2	5270	36.011	5252.172	5288.183	PASS
	Ant1	5310	36.145	5292.139	5328.284	PASS
	Ant2	5310	36.137	5292.194	5328.331	PASS
	Ant1	5510	36.180	5492.244	5528.424	PASS
	Ant2	5510	36.186	5492.283	5528.469	PASS
	Ant1	5590	36.151	5572.168	5608.319	PASS
	Ant2	5590	36.326	5572.148	5608.474	PASS
	Ant1	5670	36.142	5652.107	5688.249	PASS
	Ant2	5670	36.149	5652.160	5688.309	PASS
	Ant1	5710	36.206	5692.115	5728.321	PASS
	Ant2	5710	36.136	5692.157	5728.293	PASS
	Ant1	5710 UNII-2C	32.885	5692.115	5725	PASS
	Ant2	5710 UNII-2C	32.843	5692.157	5725	PASS
	Ant1	5710 UNII-3	3.321	5725	5728.321	PASS
	Ant2	5710 UNII-3	3.293	5725	5728.293	PASS
	Ant1	5755	36.137	5737.163	5773.300	PASS
	Ant2	5755	36.128	5737.220	5773.348	PASS
Ant1	5795	36.206	5777.131	5813.337	PASS	
Ant2	5795	36.179	5777.158	5813.337	PASS	
11AC80MIMO	Ant1	5210	74.490	5172.978	5247.468	PASS
	Ant2	5210	74.459	5173.045	5247.504	PASS
	Ant1	5290	74.696	5252.881	5327.577	PASS
	Ant2	5290	74.486	5253.000	5327.486	PASS
	Ant1	5530	74.696	5493.259	5567.955	PASS
	Ant2	5530	74.612	5493.315	5567.927	PASS
	Ant1	5610	74.452	5573.031	5647.483	PASS
	Ant2	5610	74.568	5573.173	5647.741	PASS
	Ant1	5690	74.766	5652.842	5727.608	PASS
	Ant2	5690	74.209	5653.142	5727.351	PASS
	Ant1	5690 UNII-2C	72.158	5652.842	5725	PASS
	Ant2	5690 UNII-2C	71.858	5653.142	5725	PASS
	Ant1	5690 UNII-3	2.608	5725	5727.608	PASS
	Ant2	5690 UNII-3	2.351	5725	5727.351	PASS
	Ant1	5775	74.838	5737.940	5812.778	PASS
	Ant2	5775	74.683	5737.912	5812.595	PASS

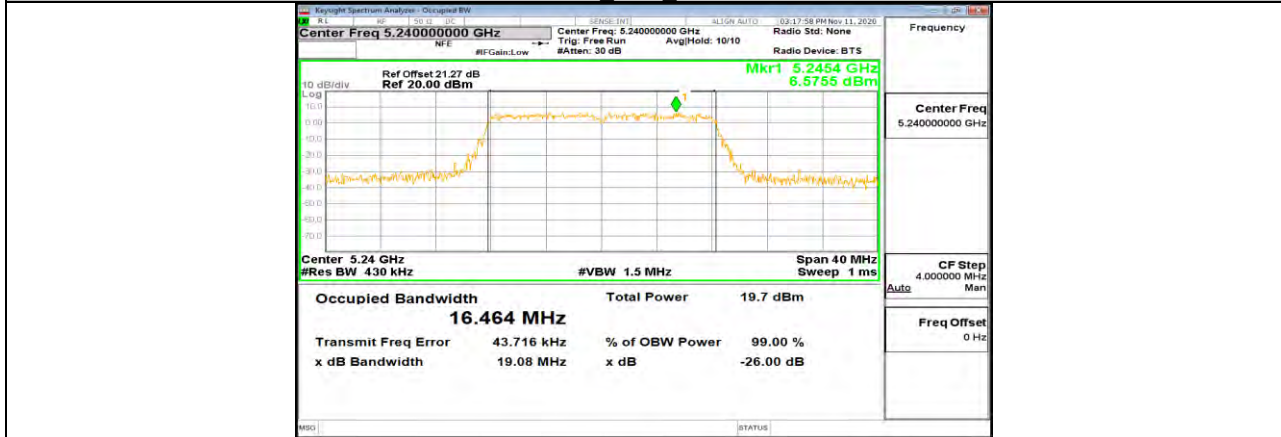


Test Graphs

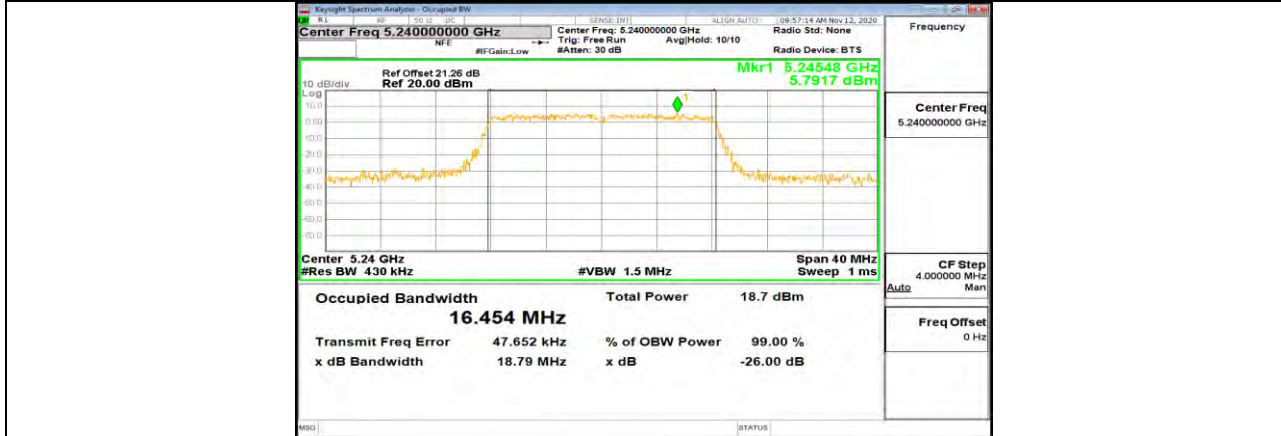




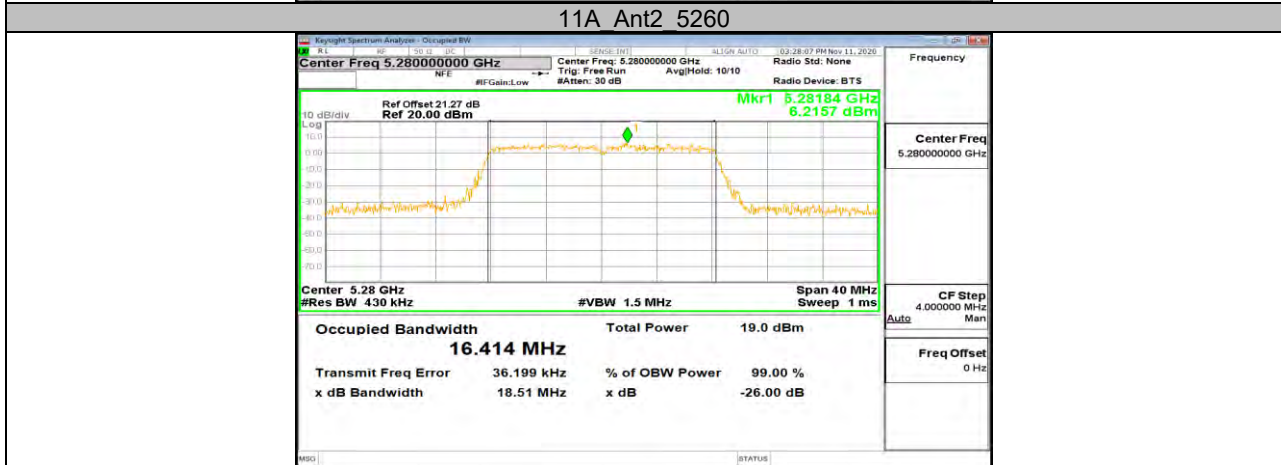
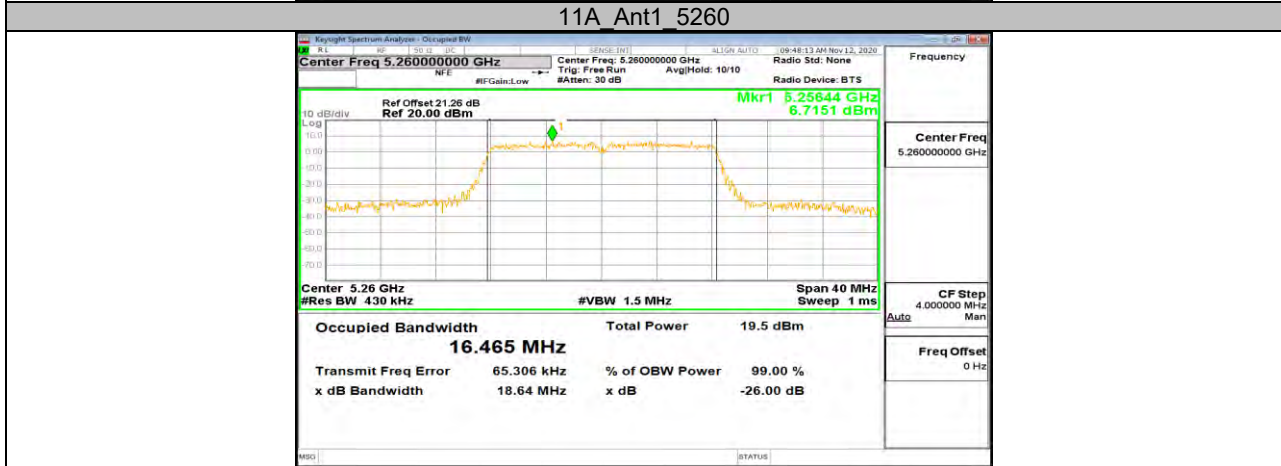
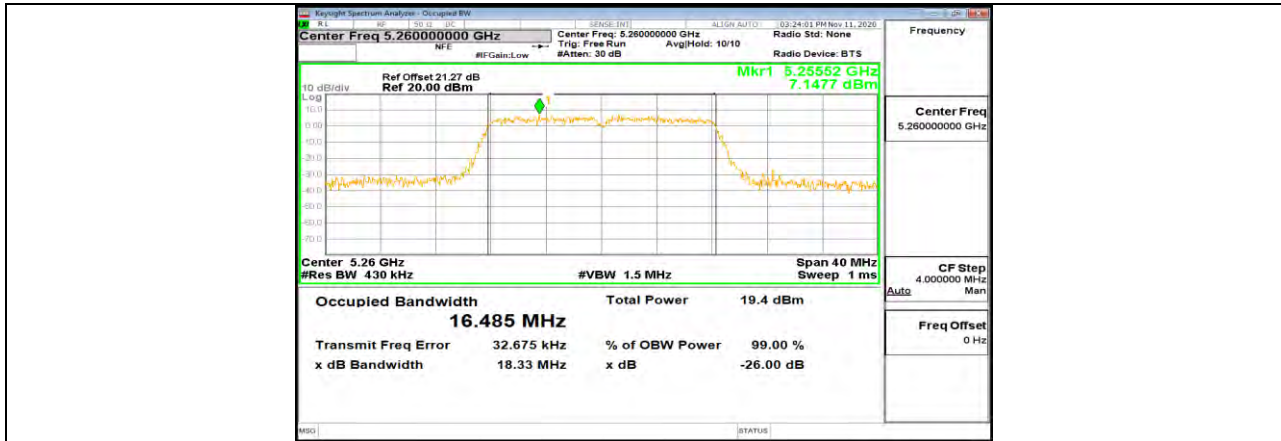
11A Ant2 5200

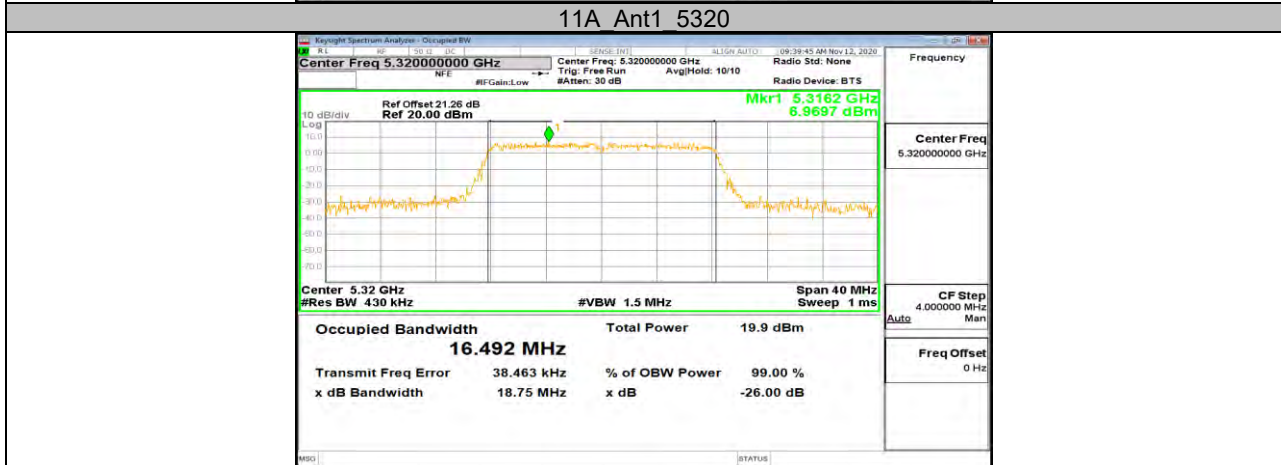
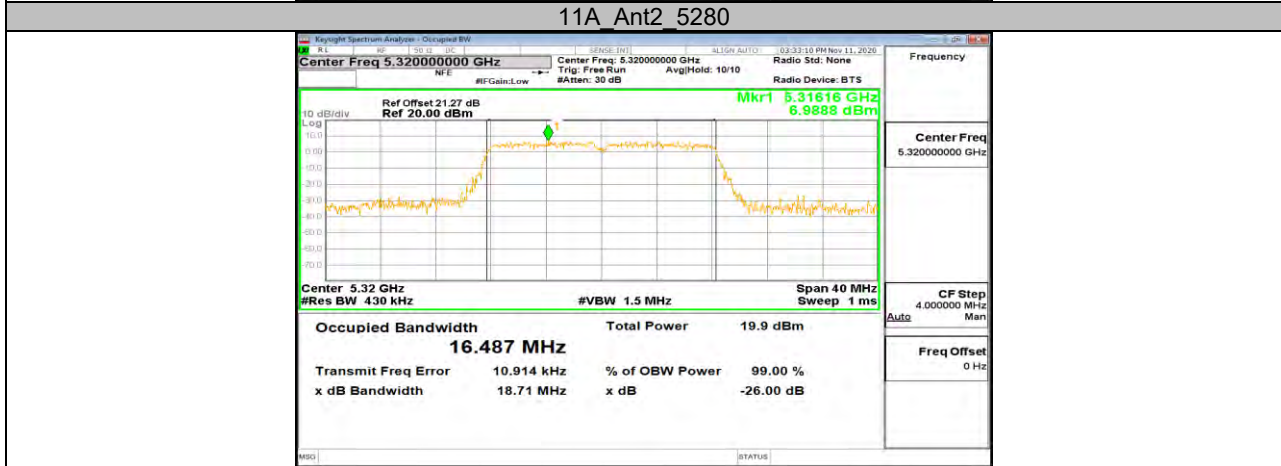
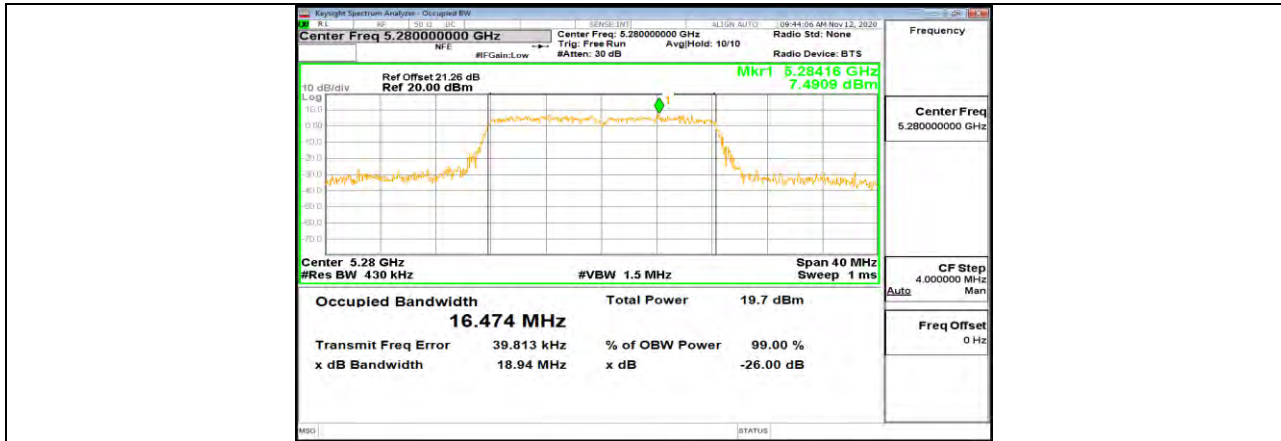


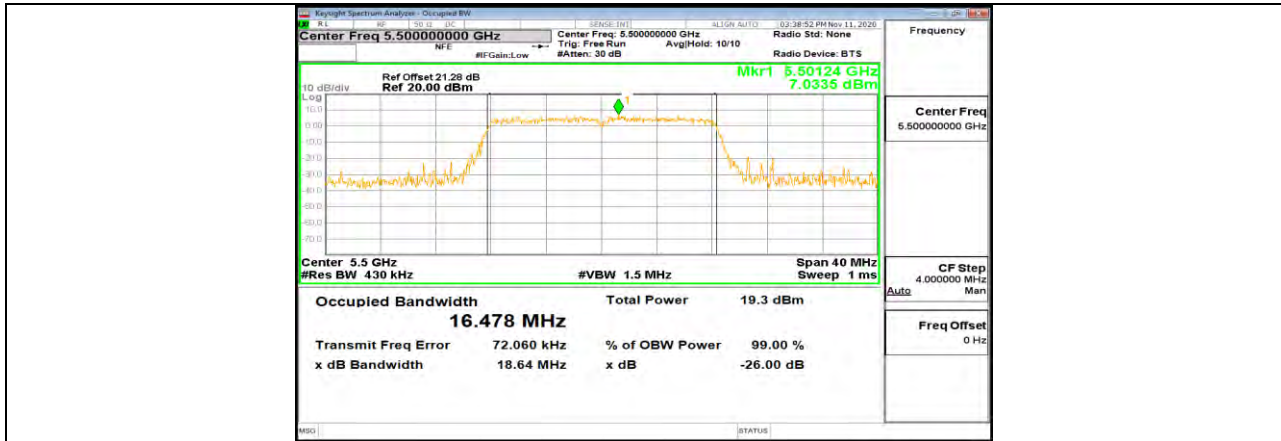
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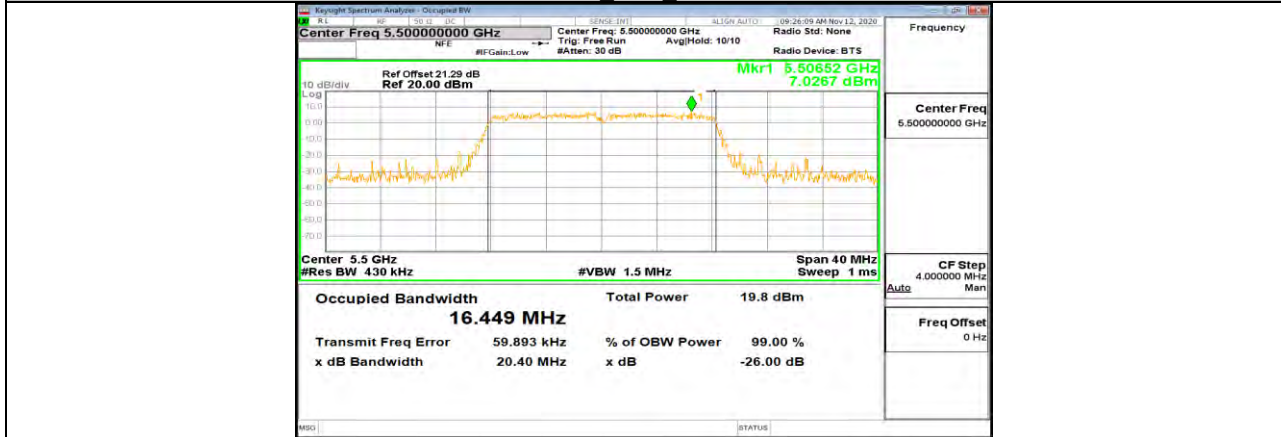
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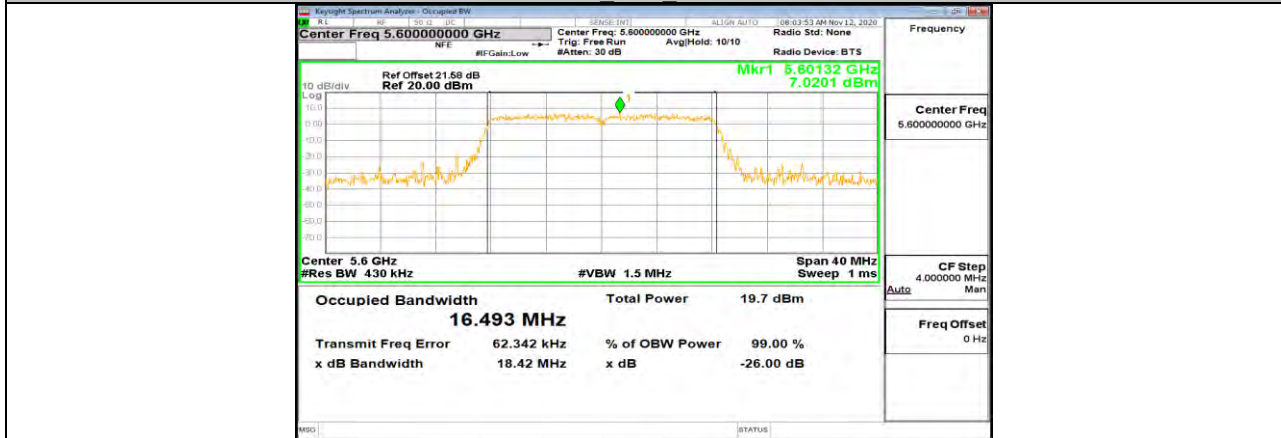




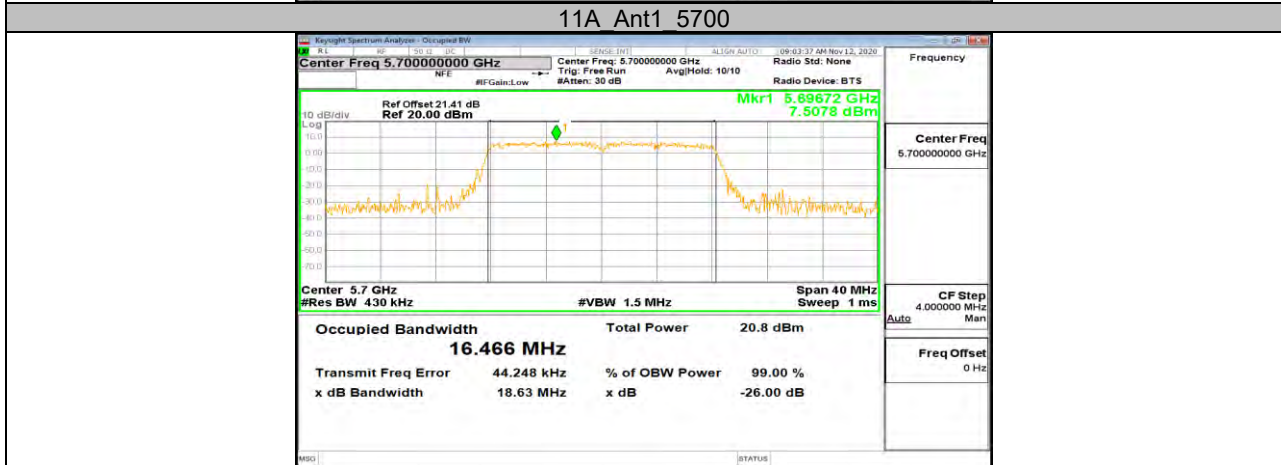
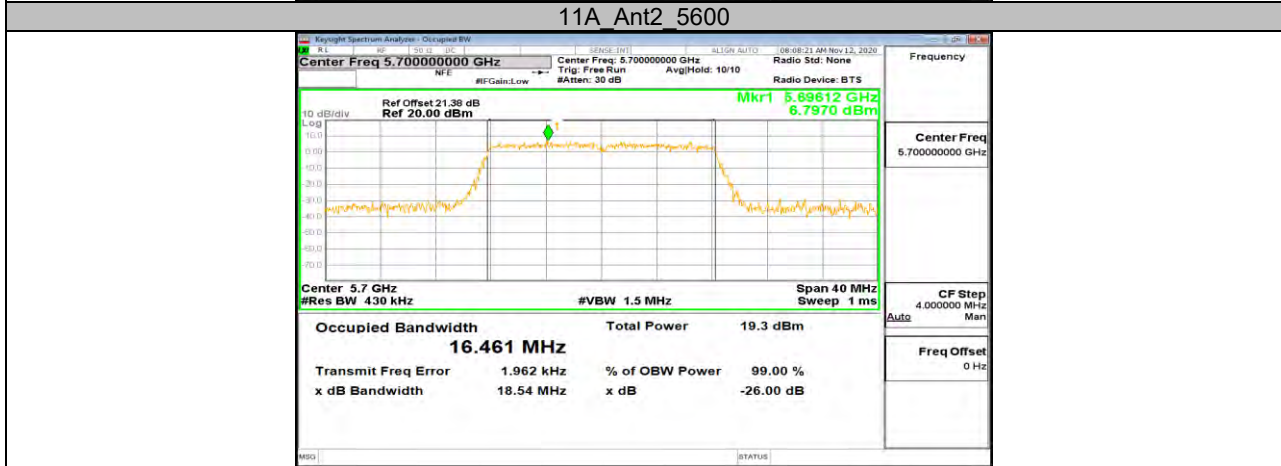
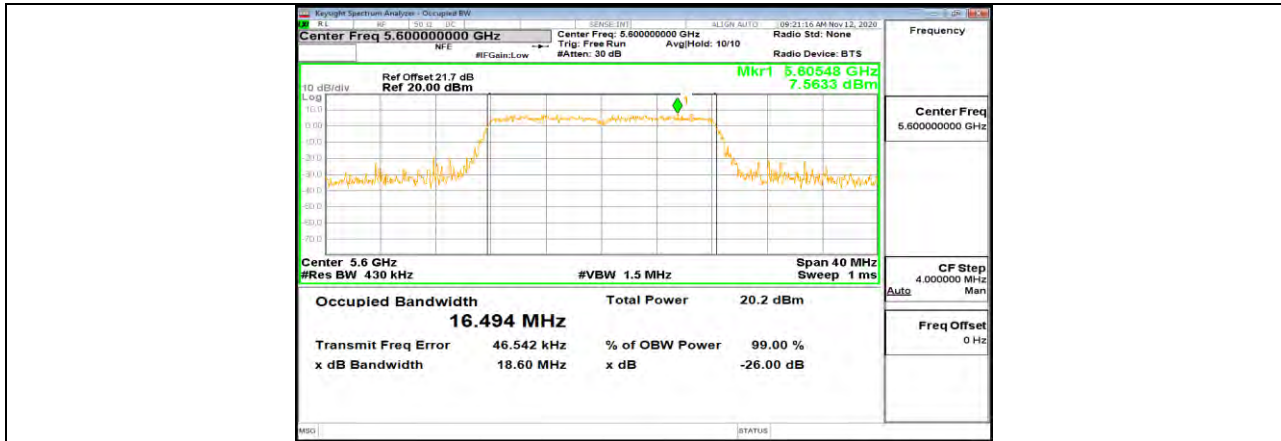
11A Ant1 5500

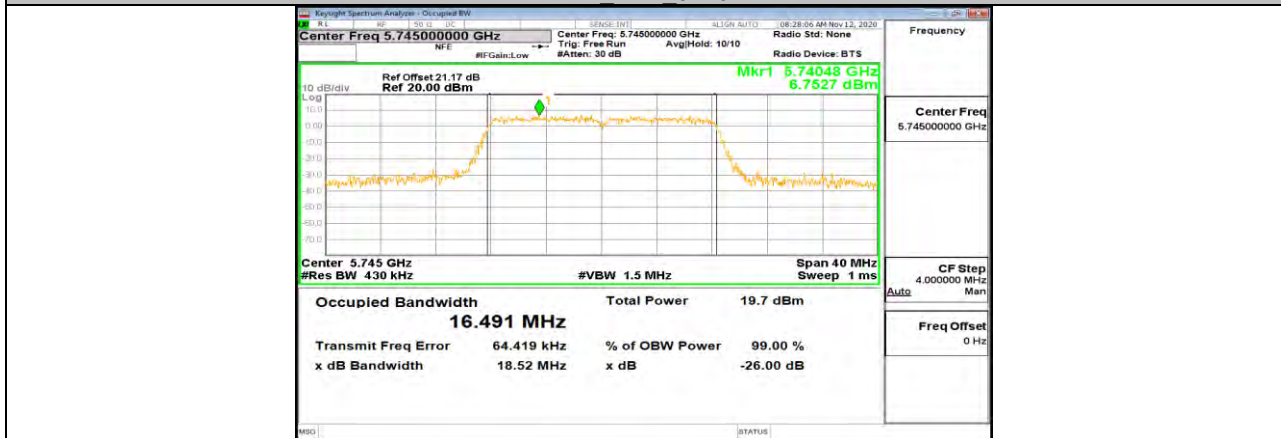
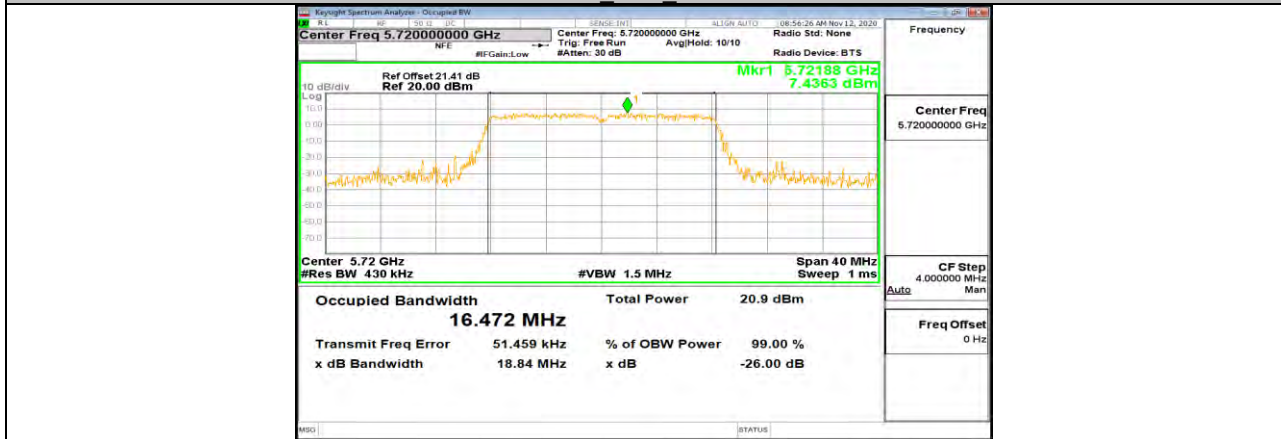
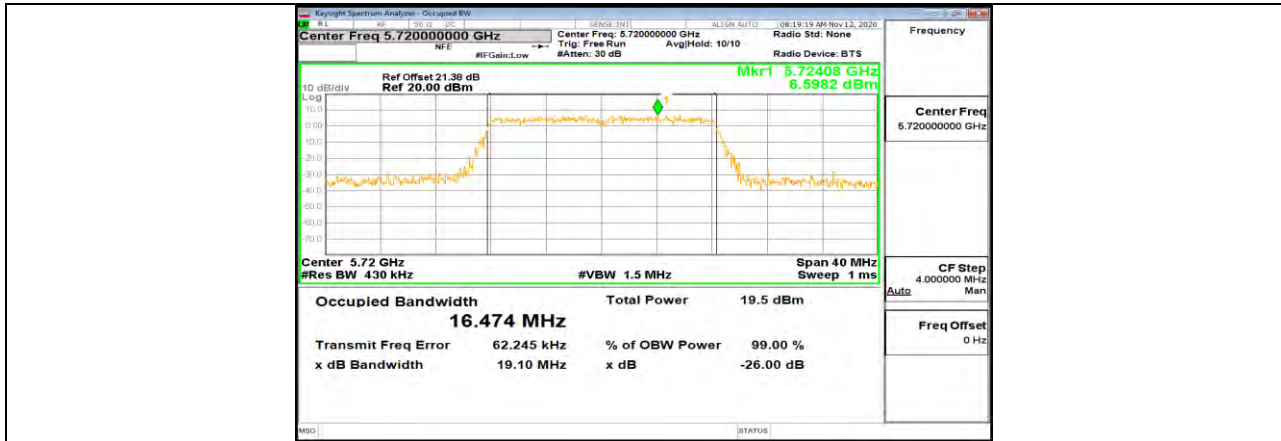


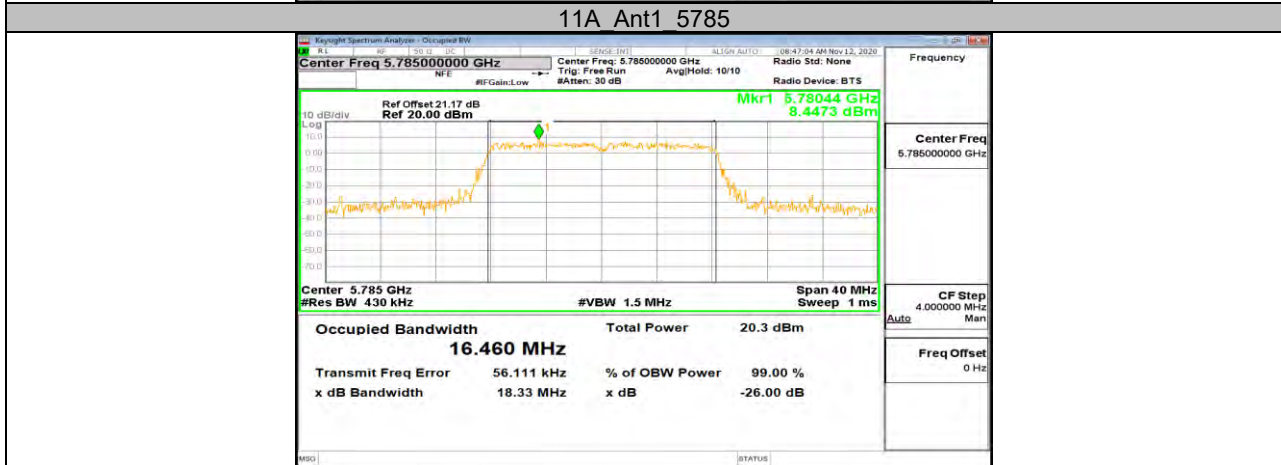
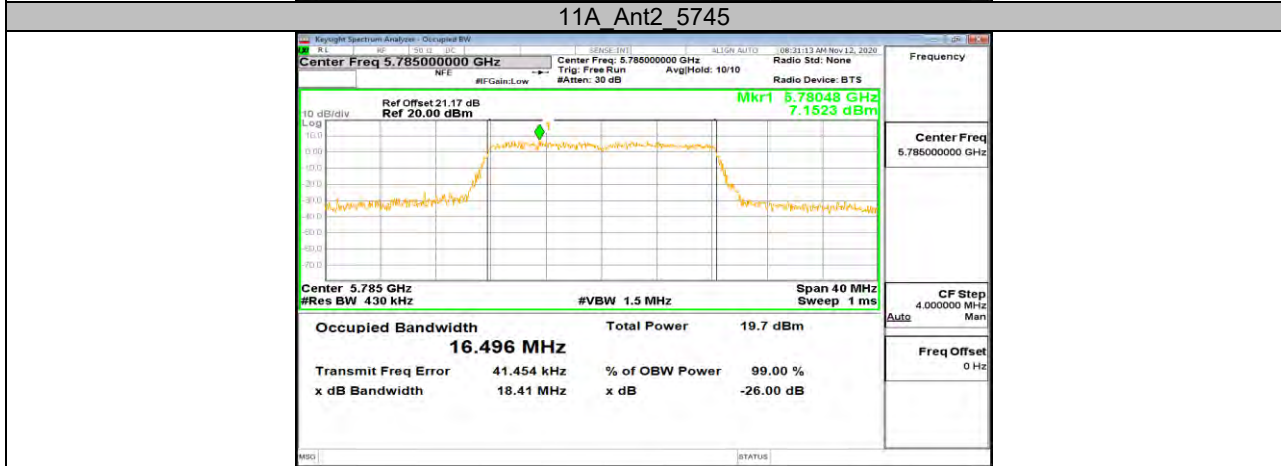
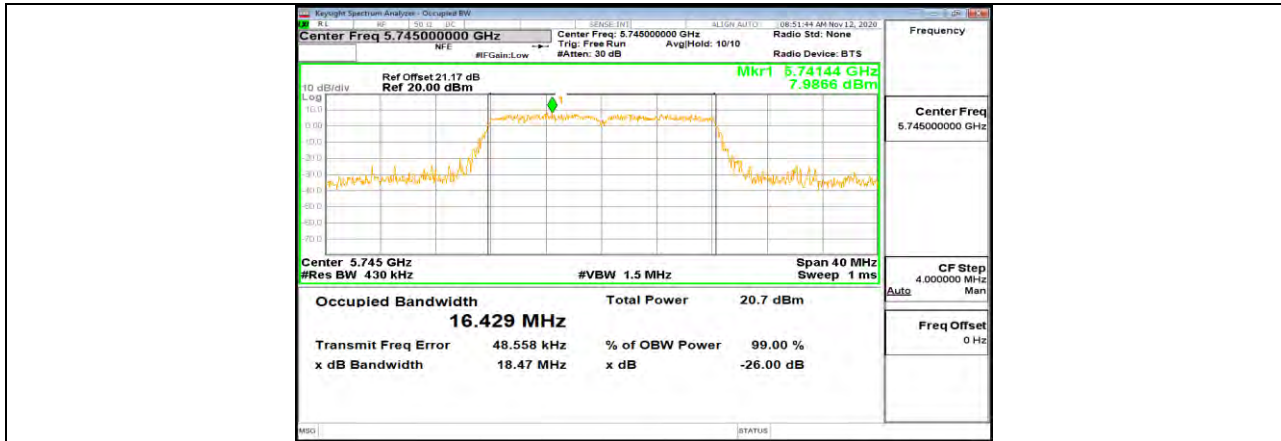
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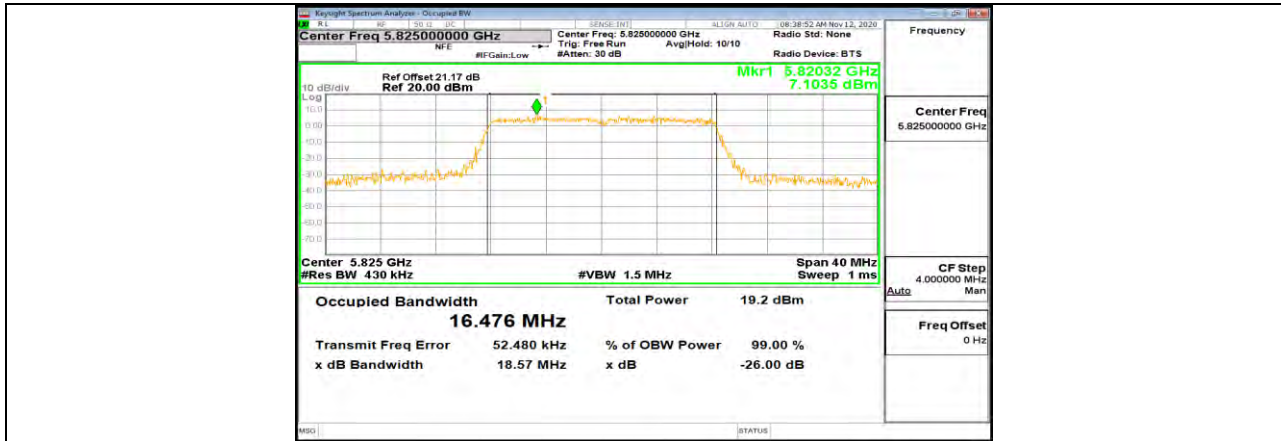


11A Ant1 5600

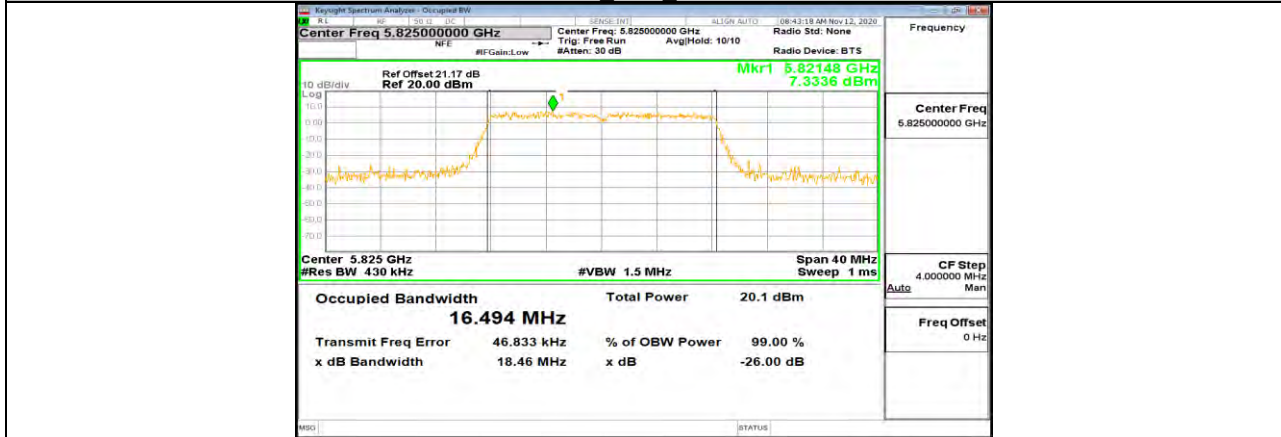




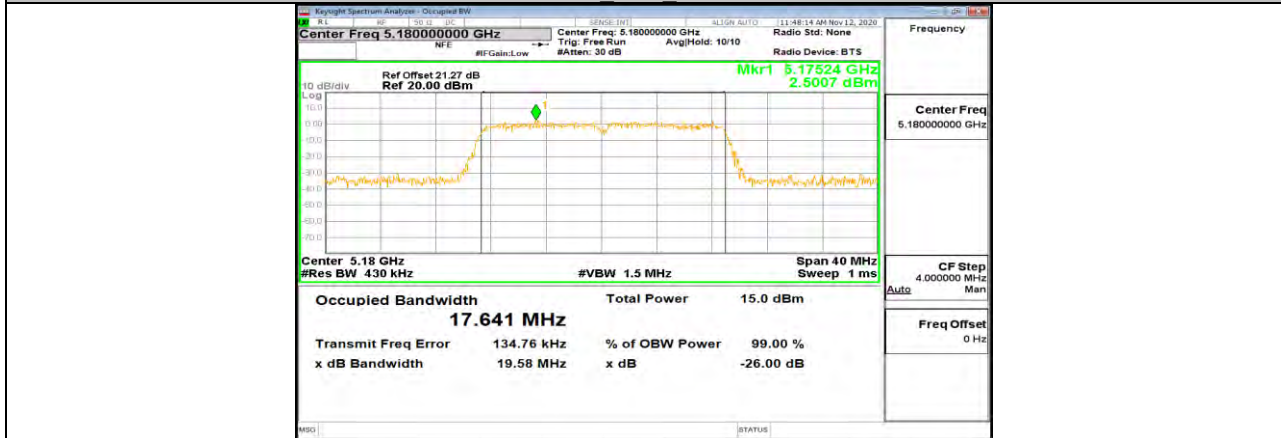




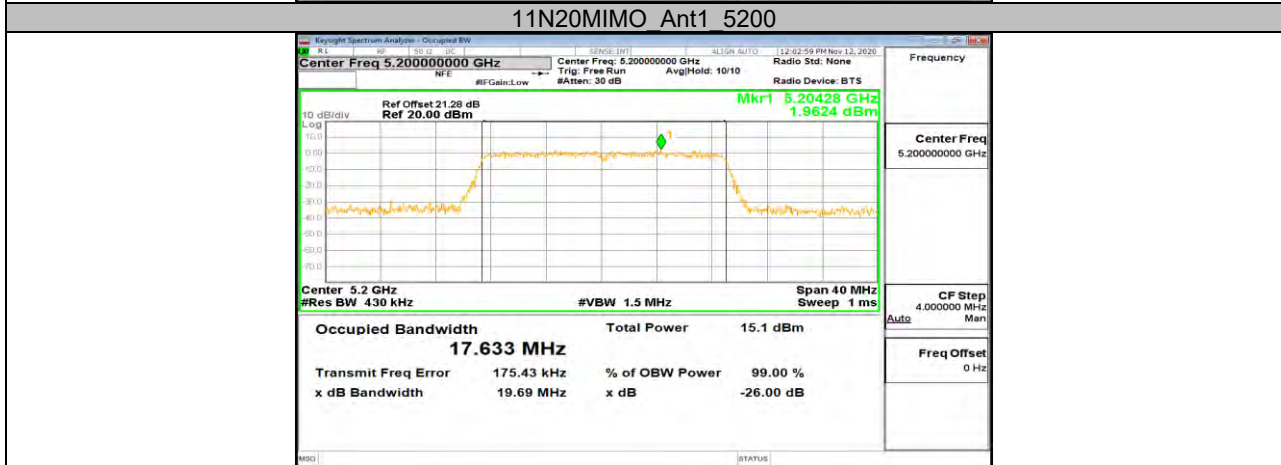
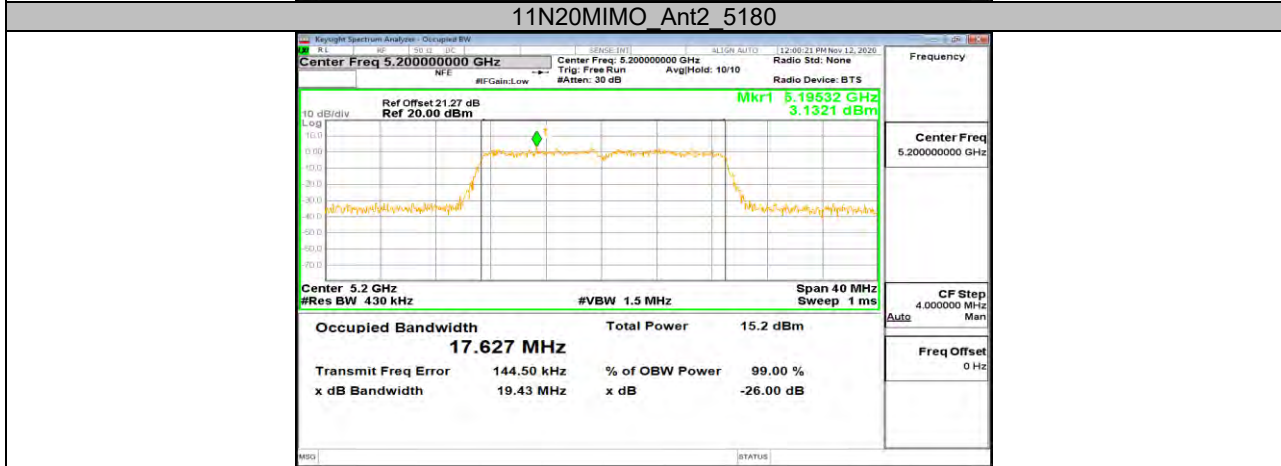
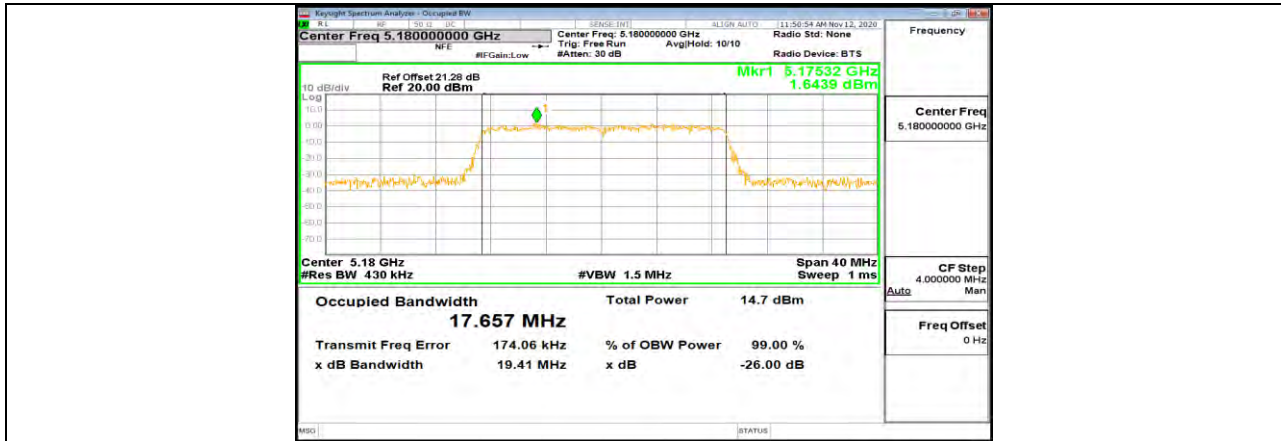
11A Ant1 5825

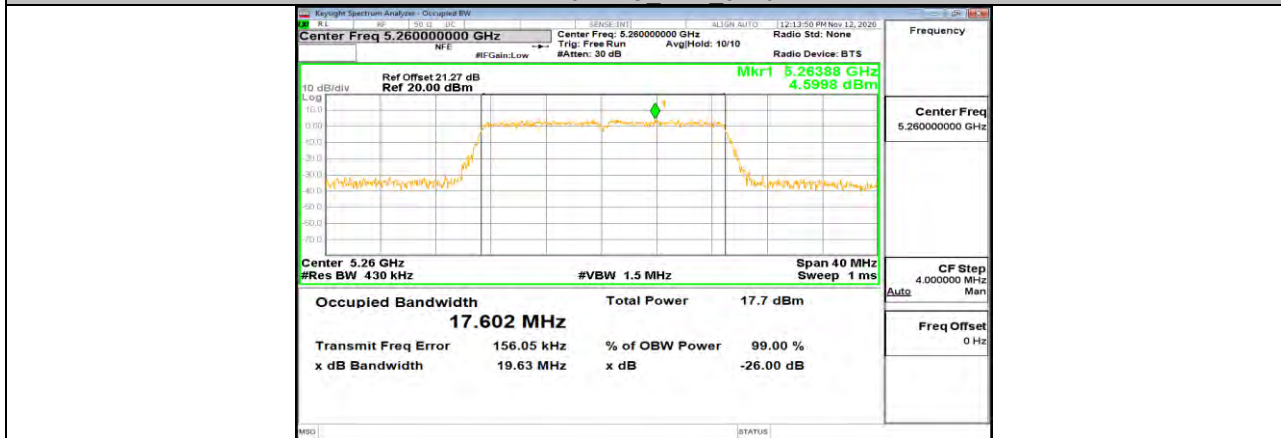
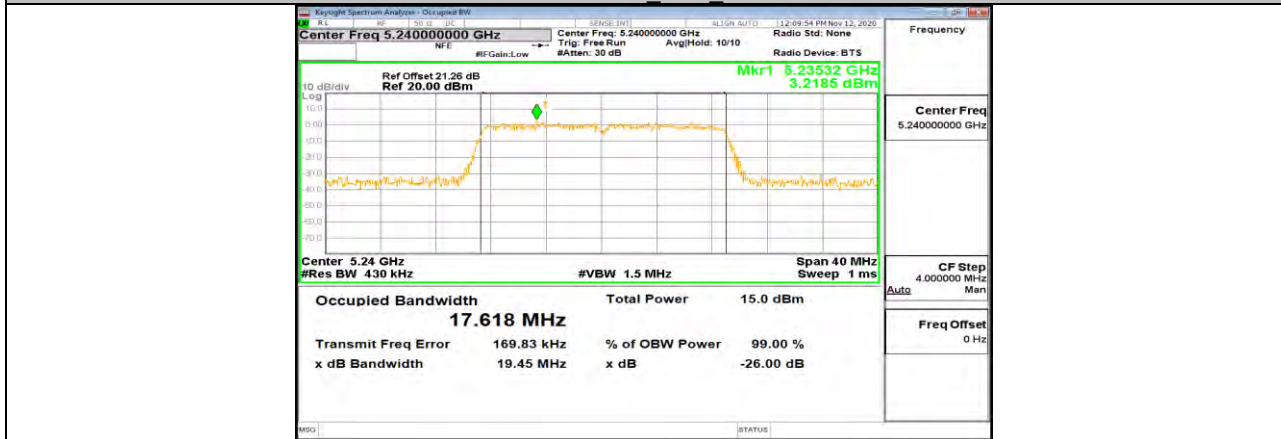
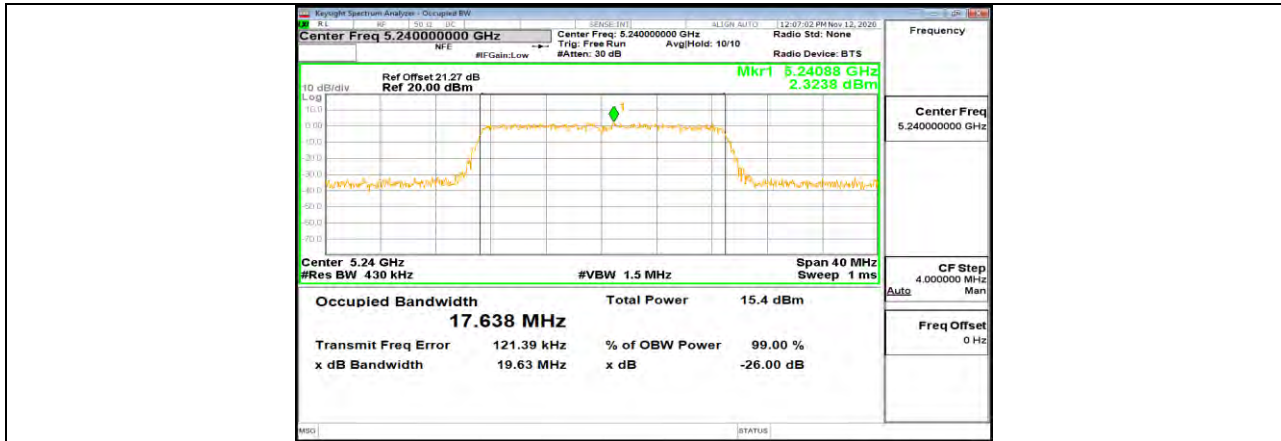


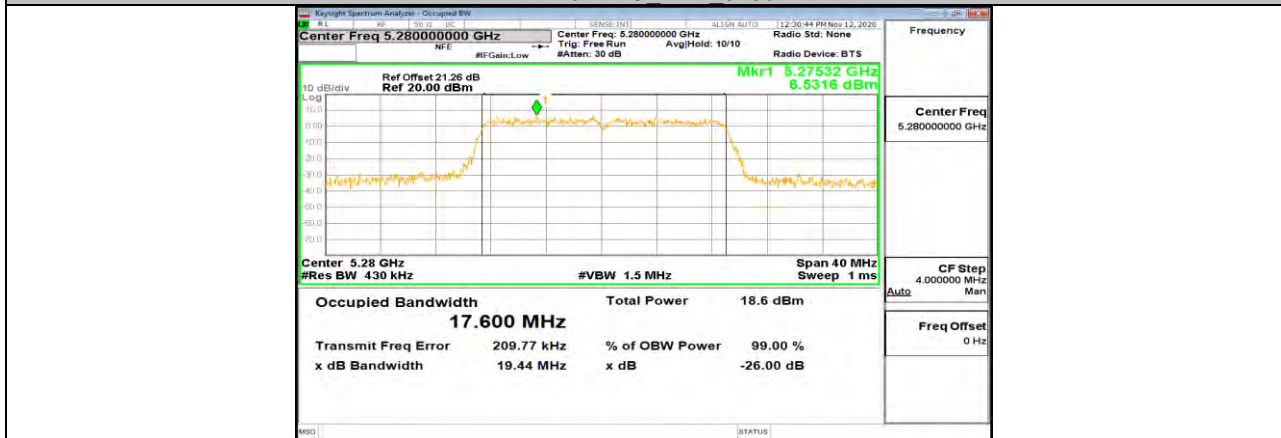
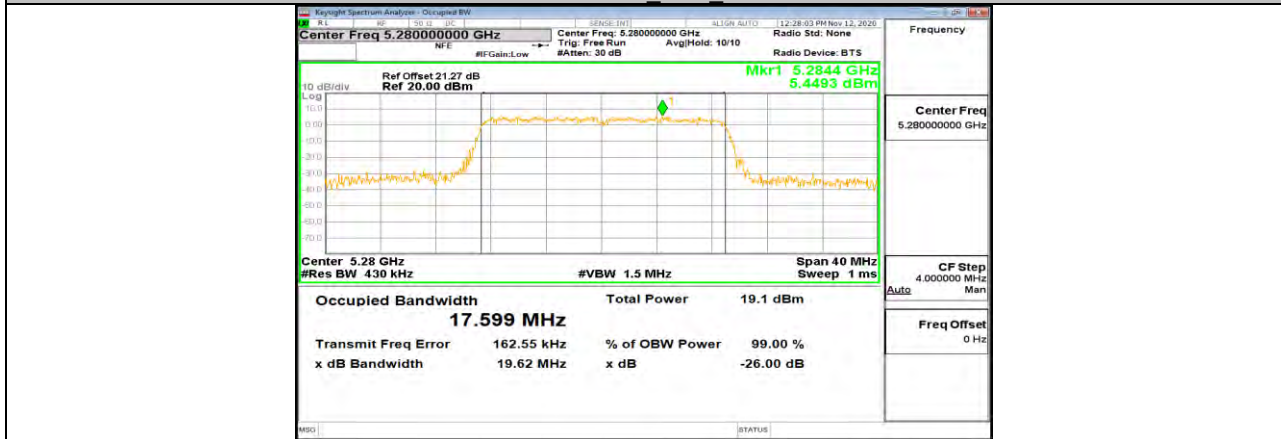
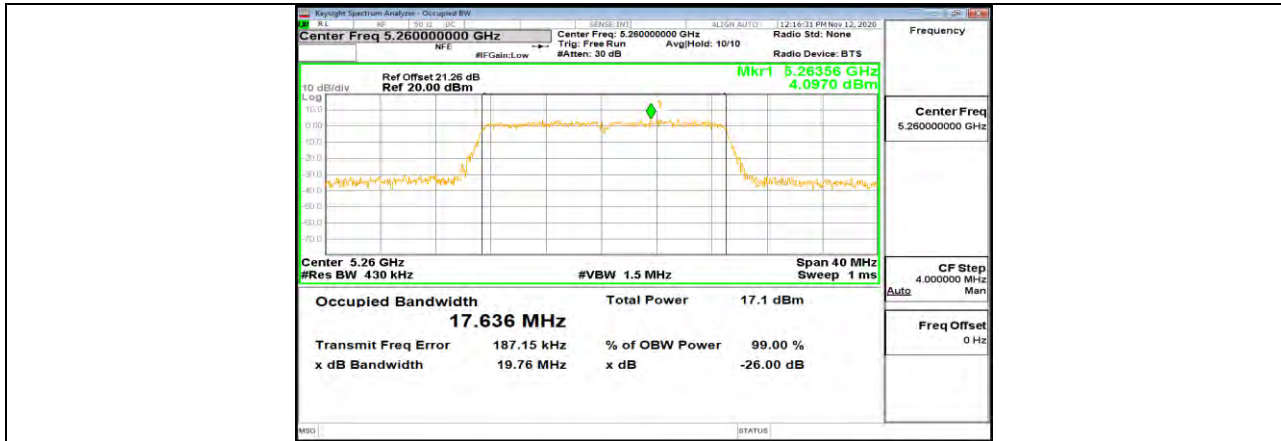
11A Ant2 5825

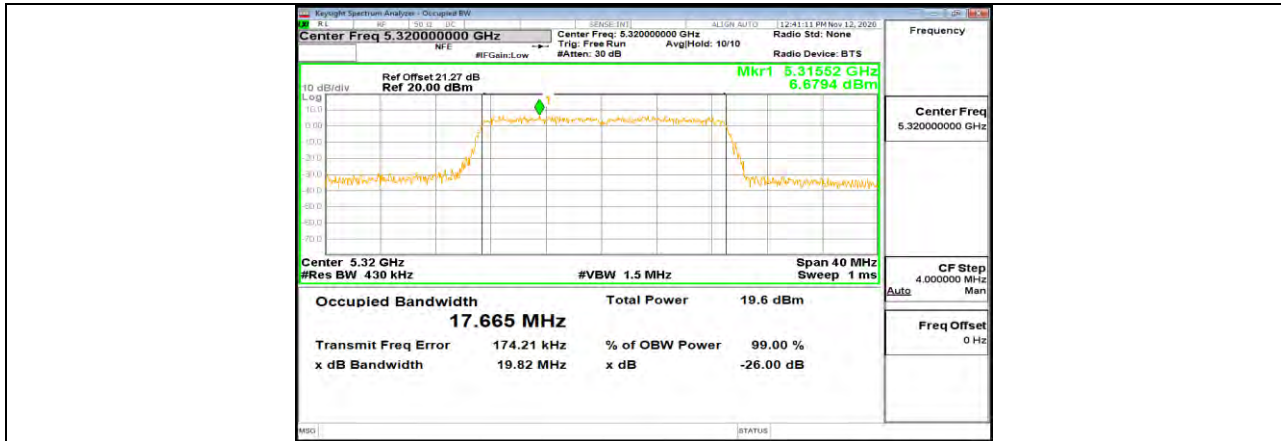


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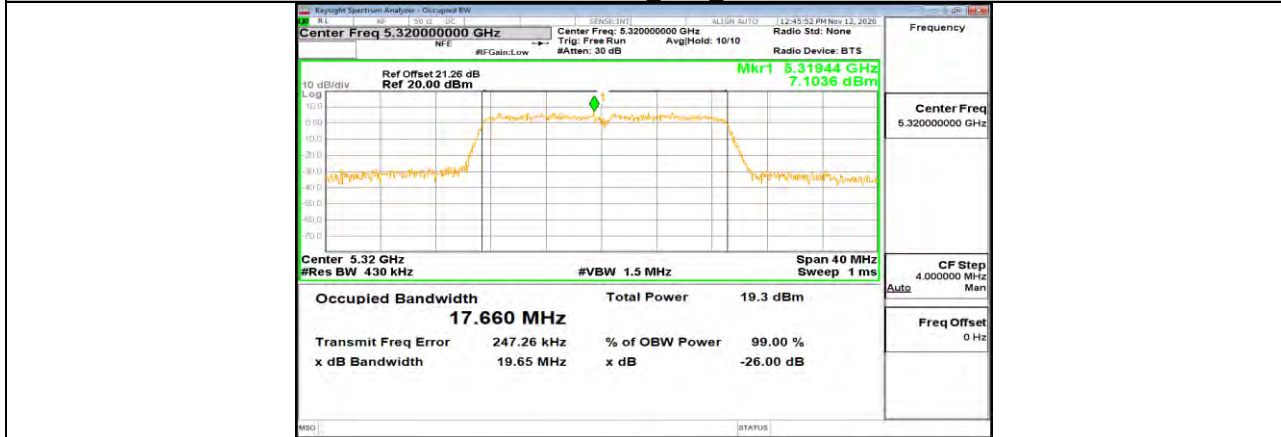




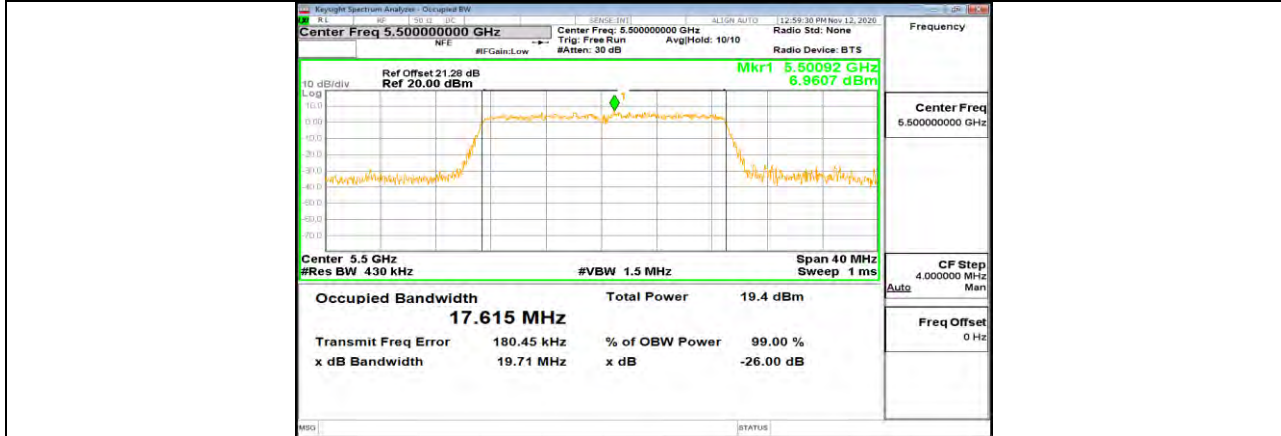




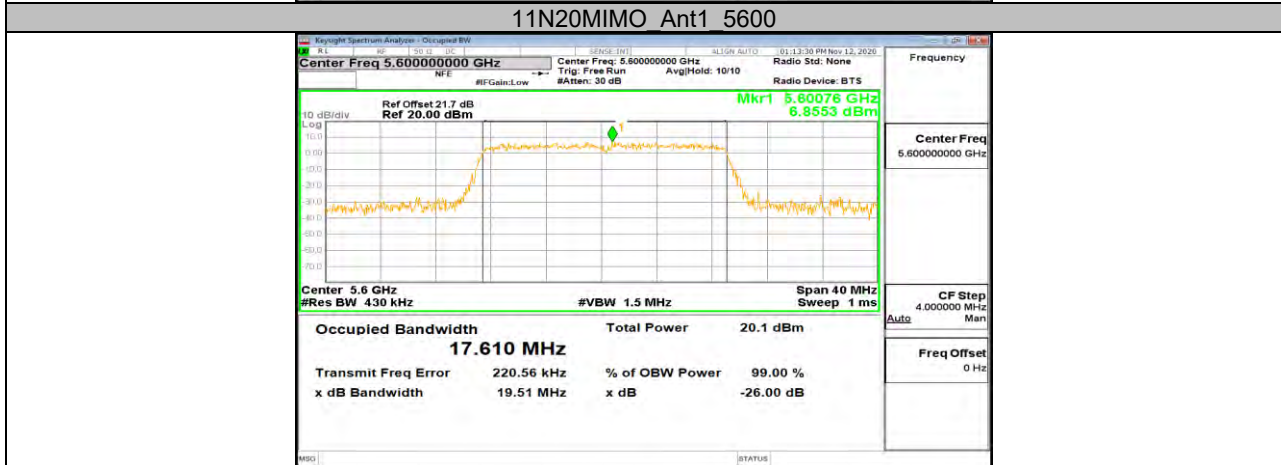
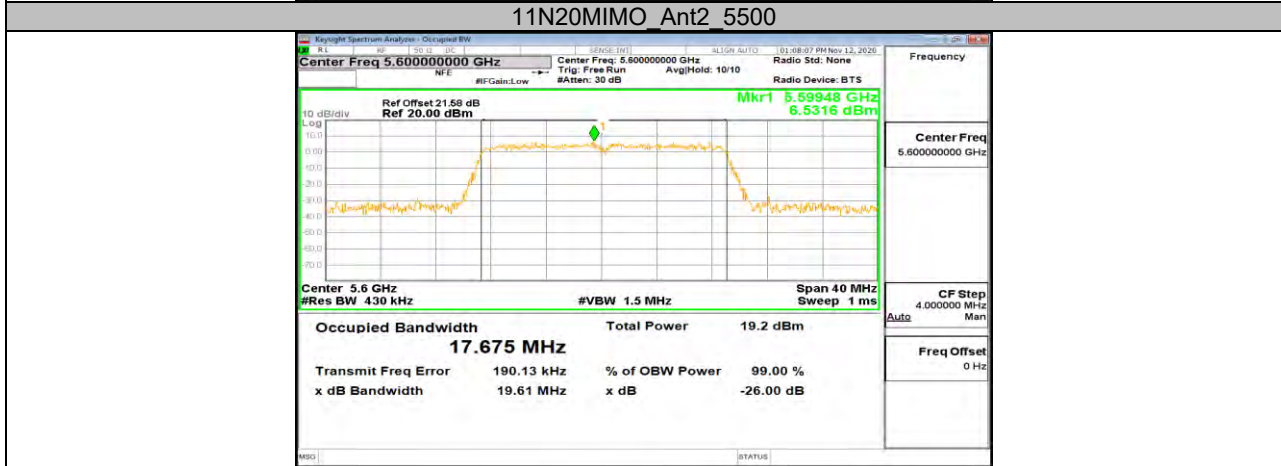
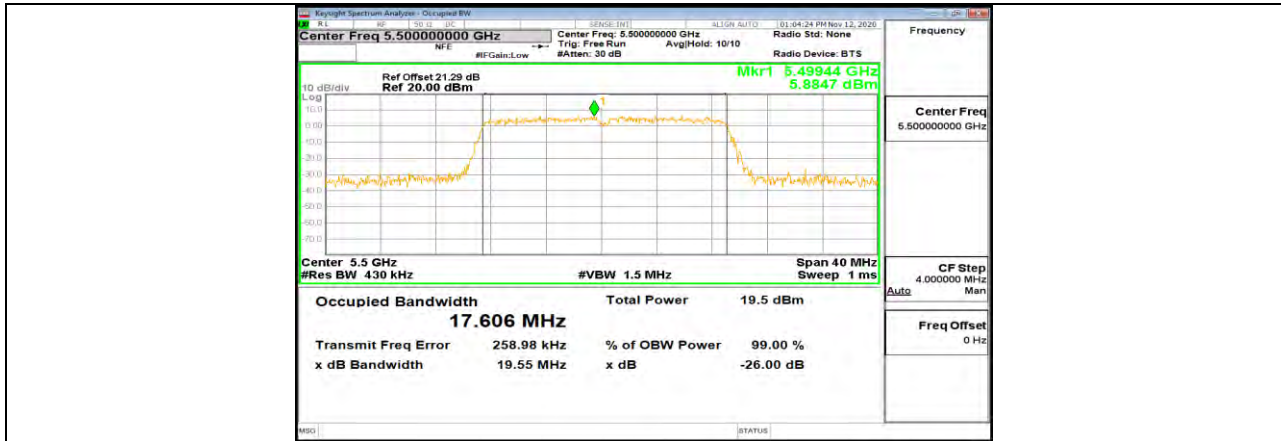
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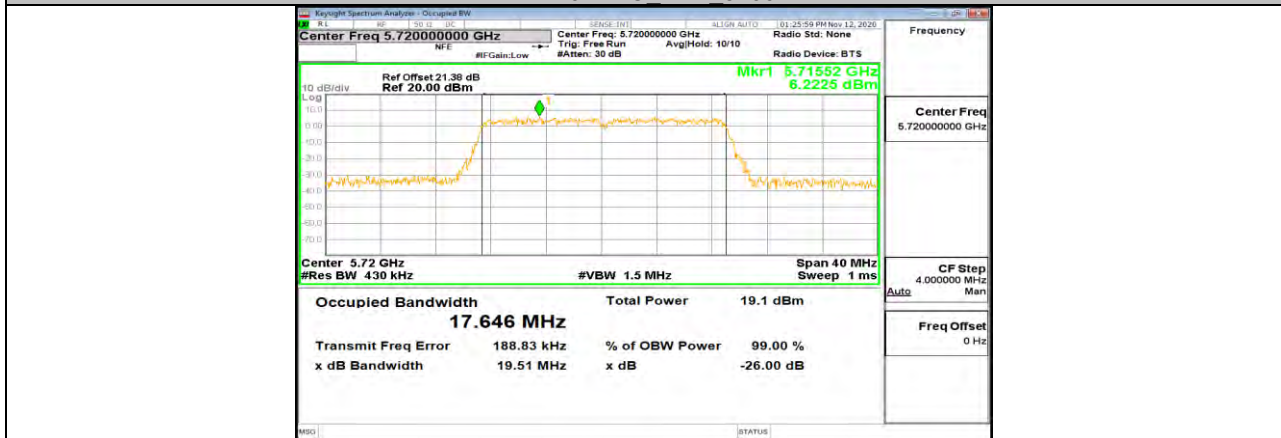
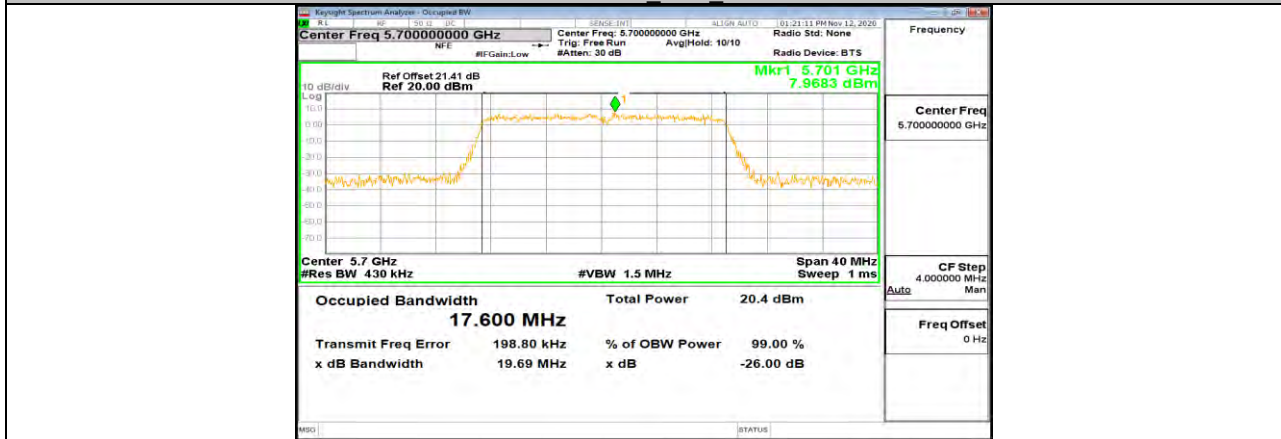
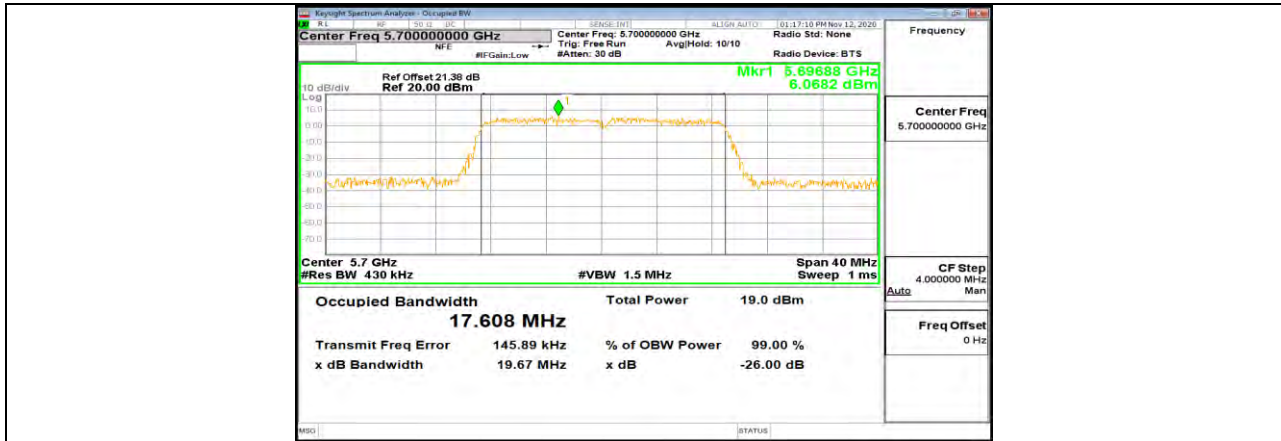


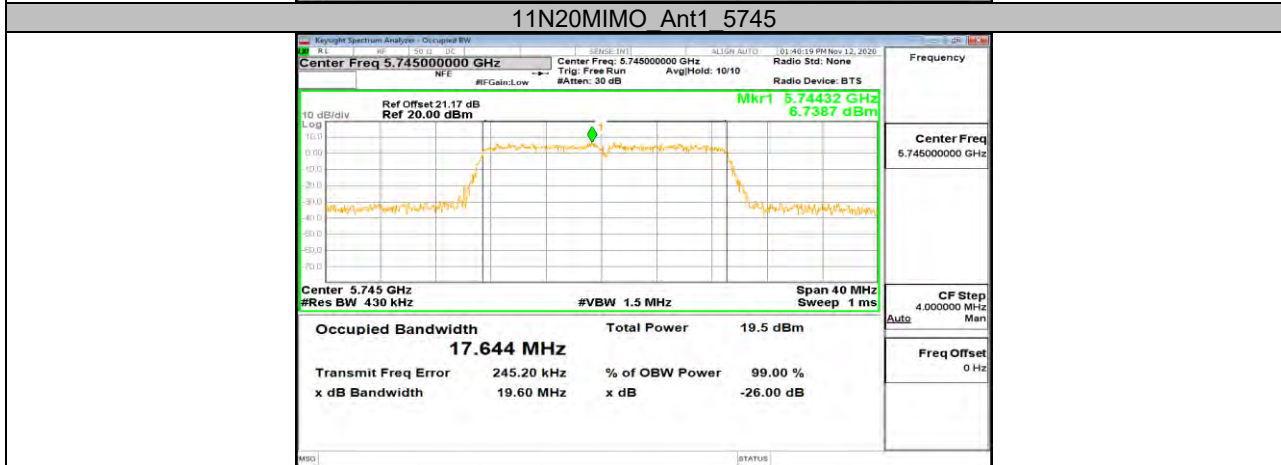
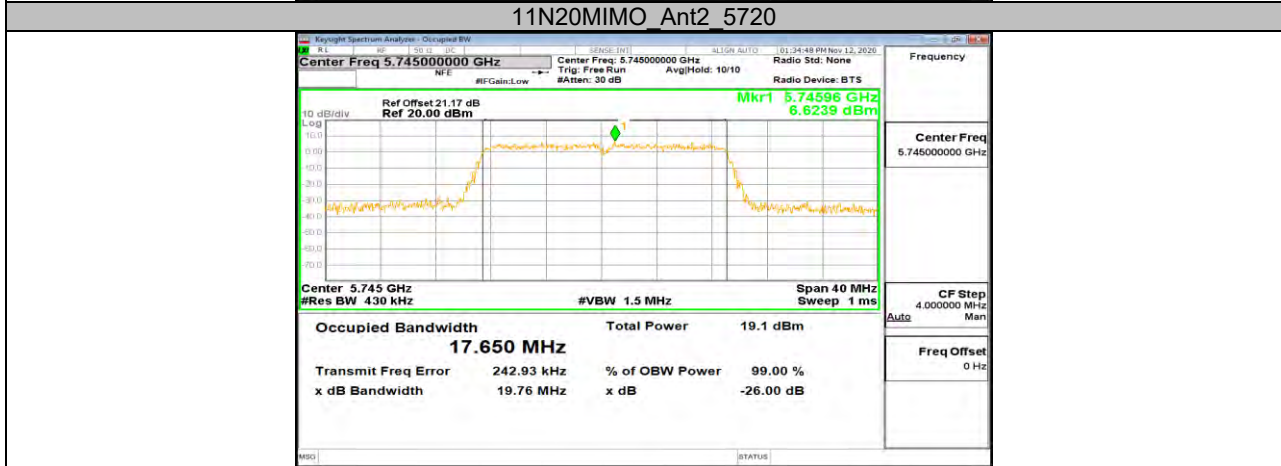
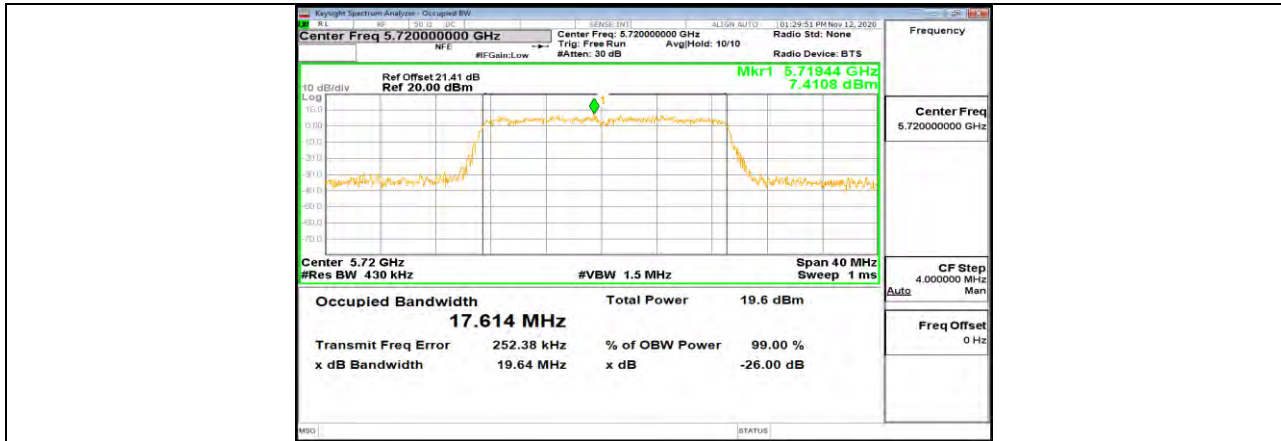
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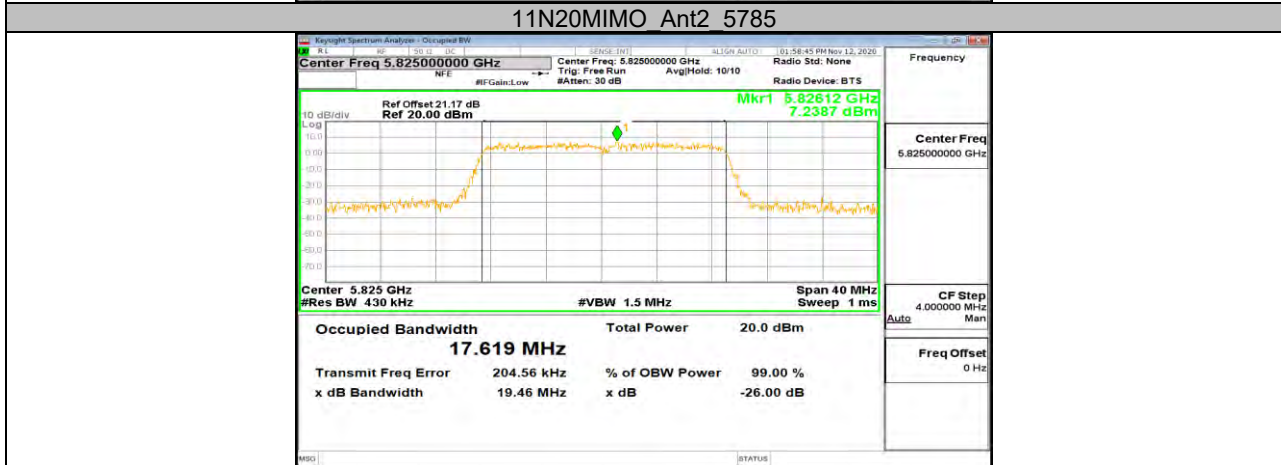
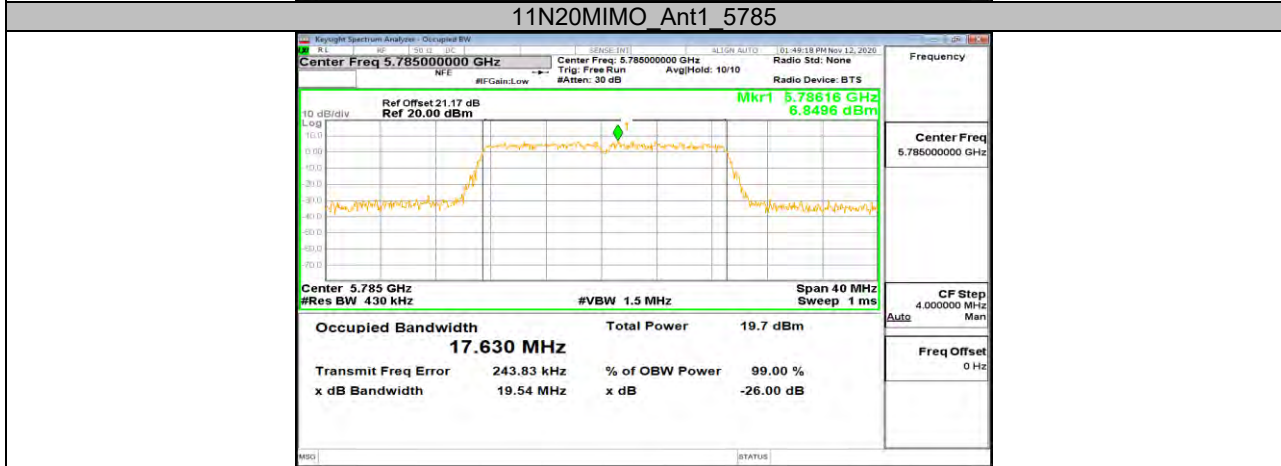
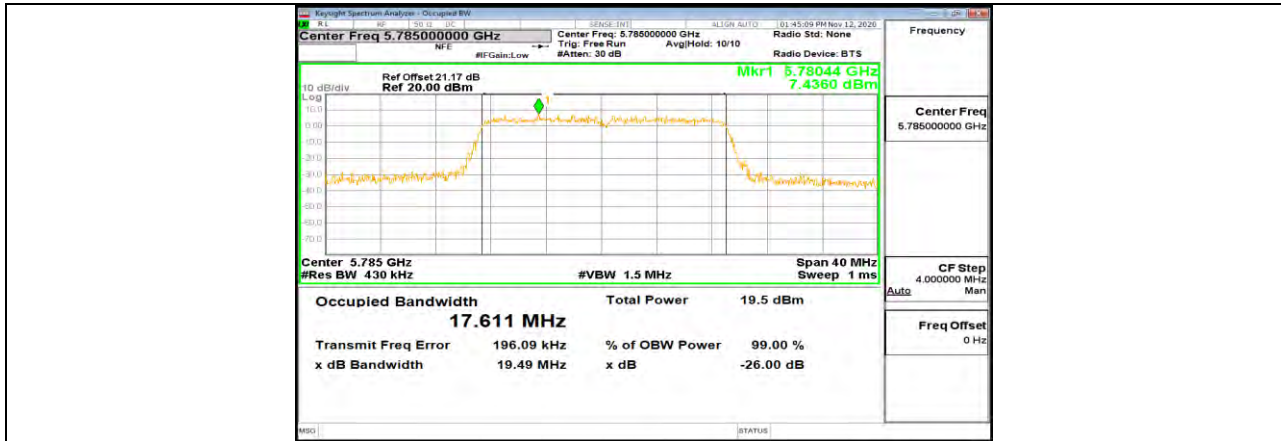


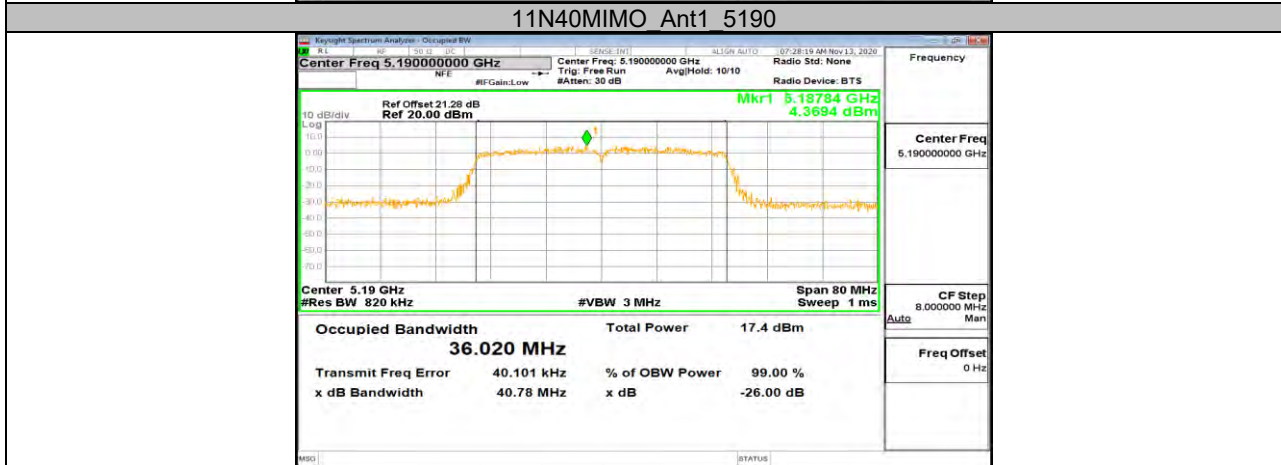
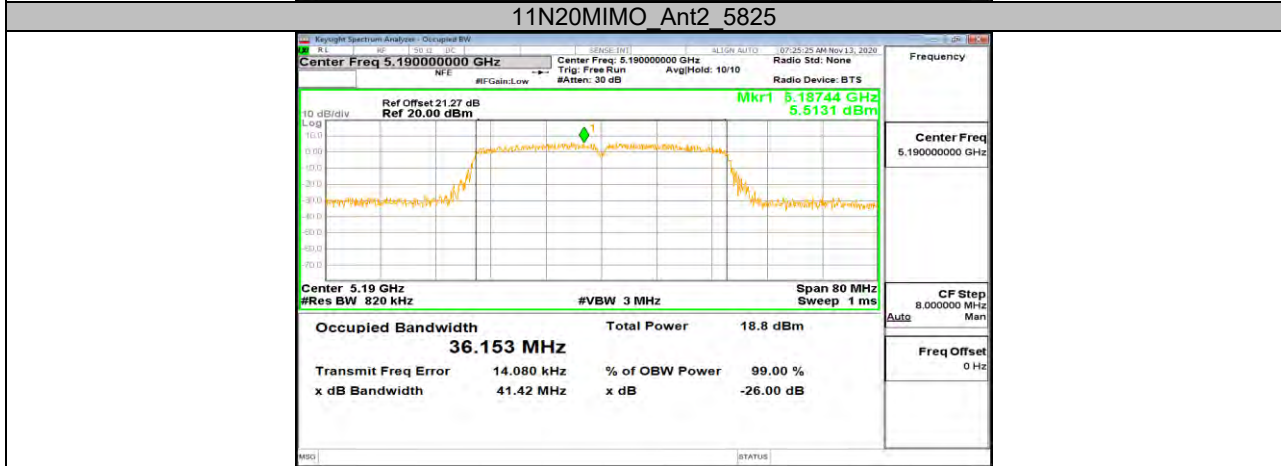
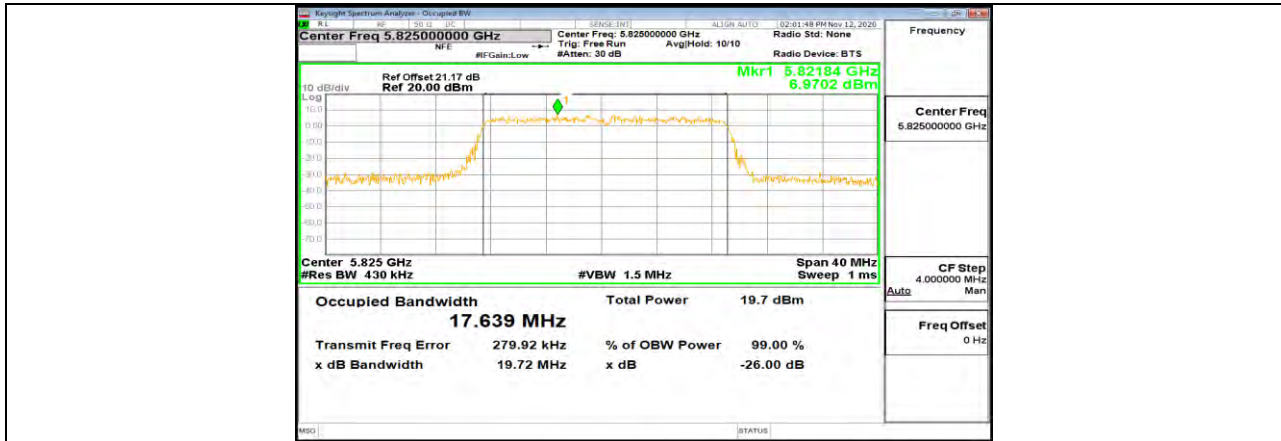
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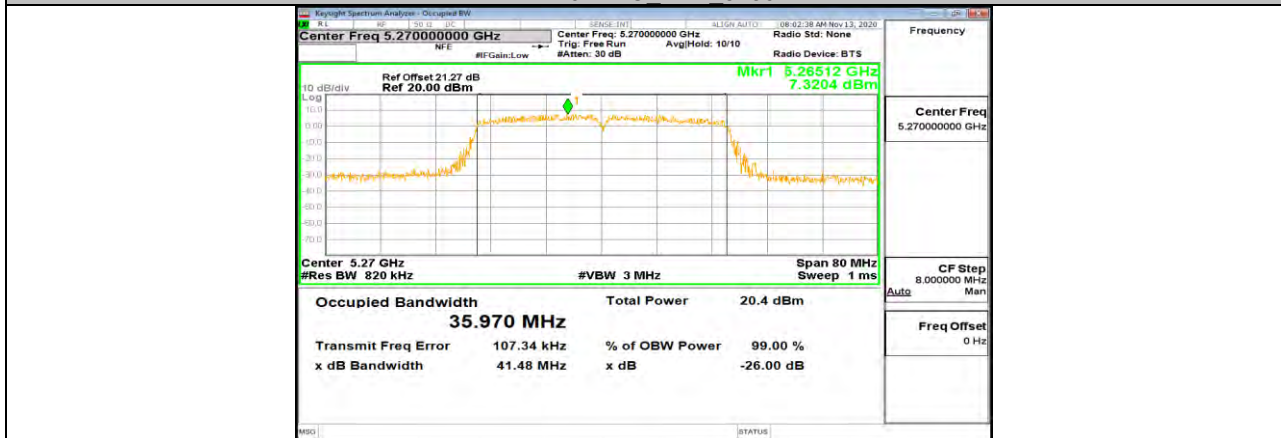
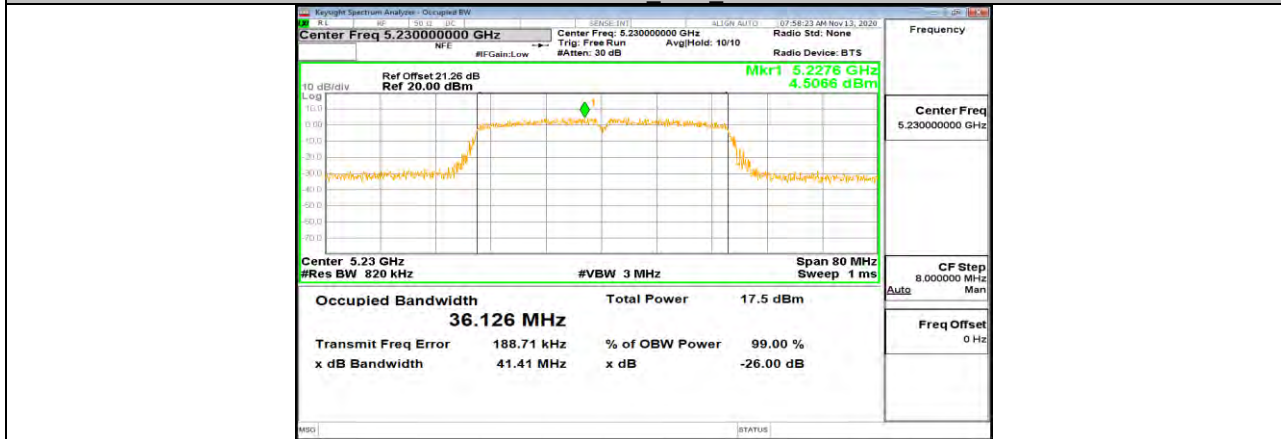
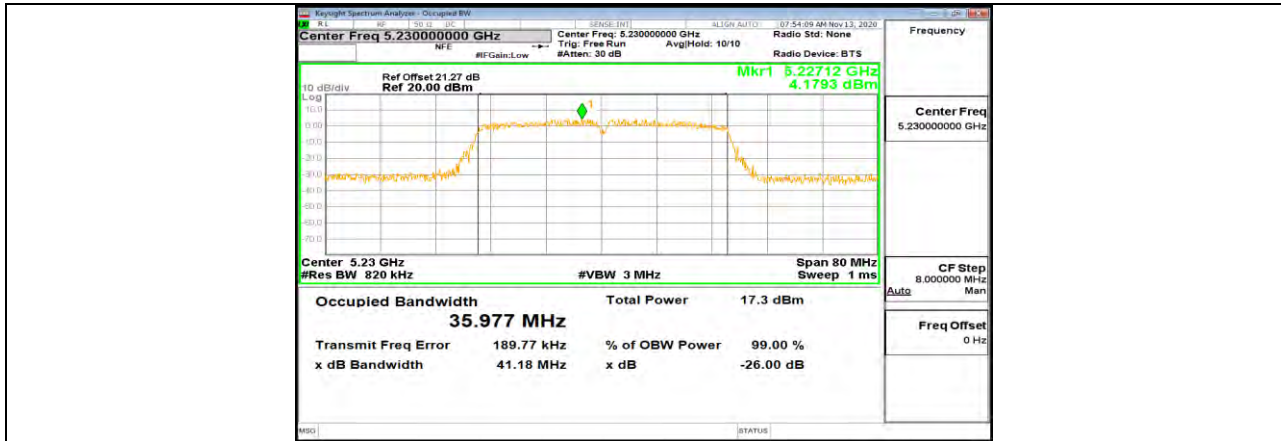


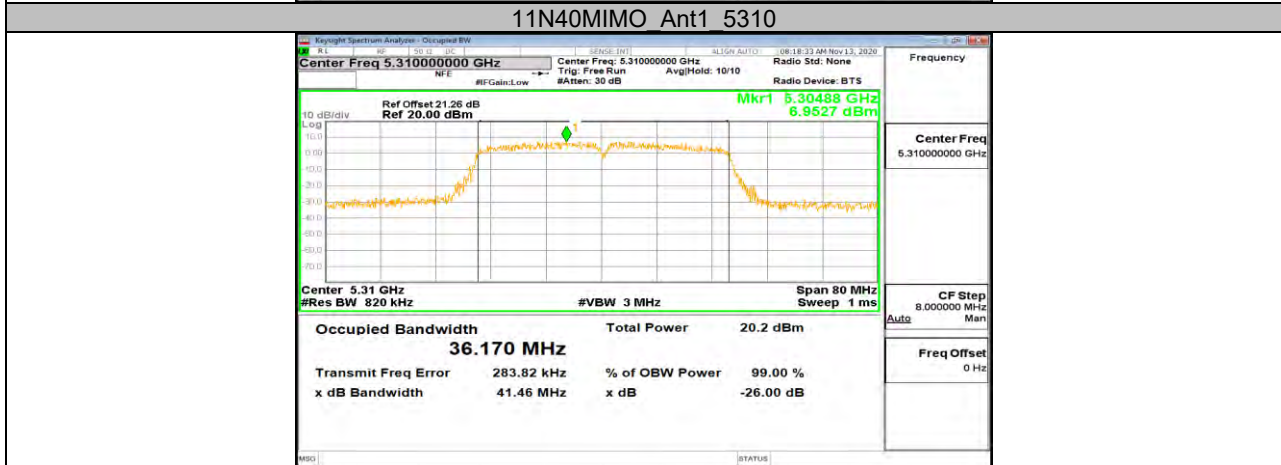
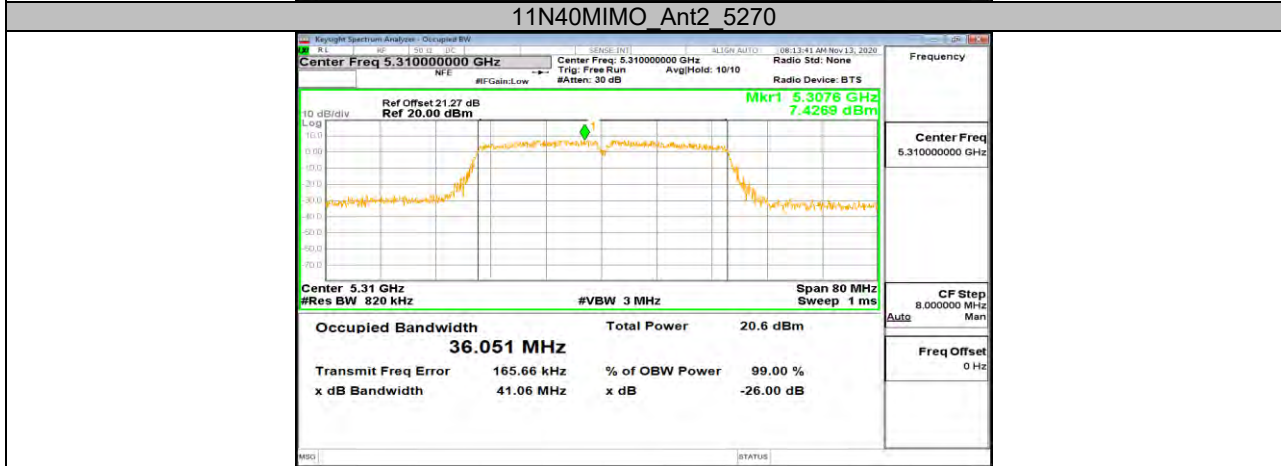
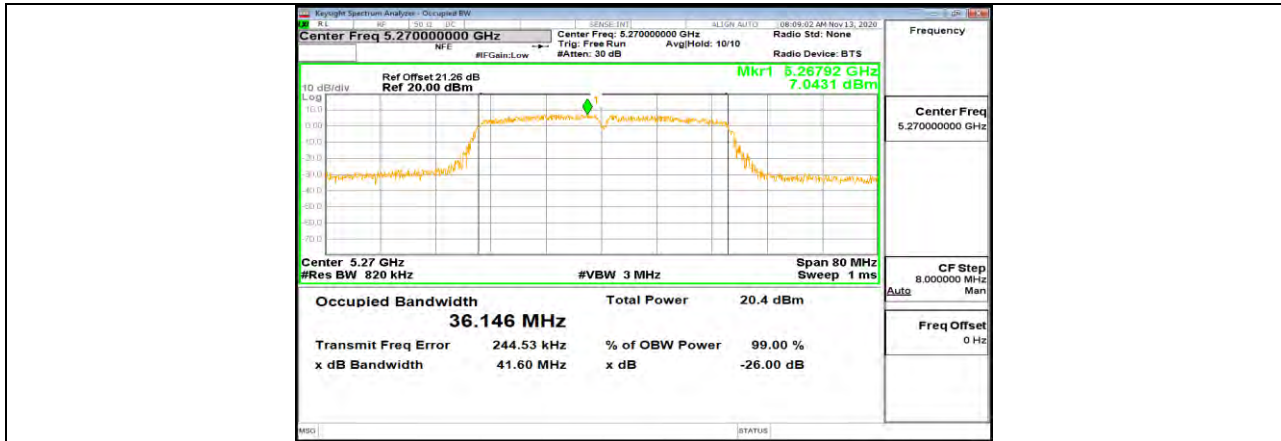


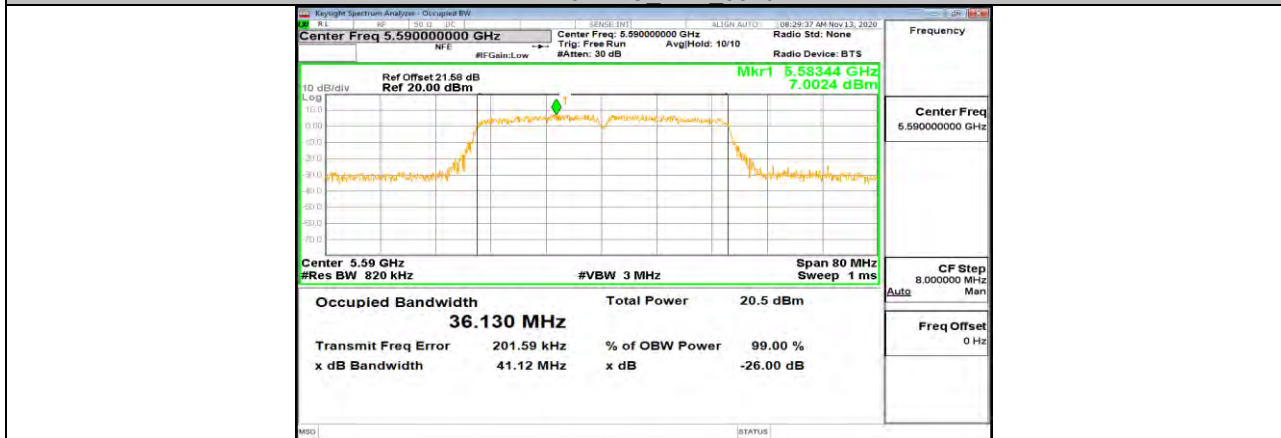
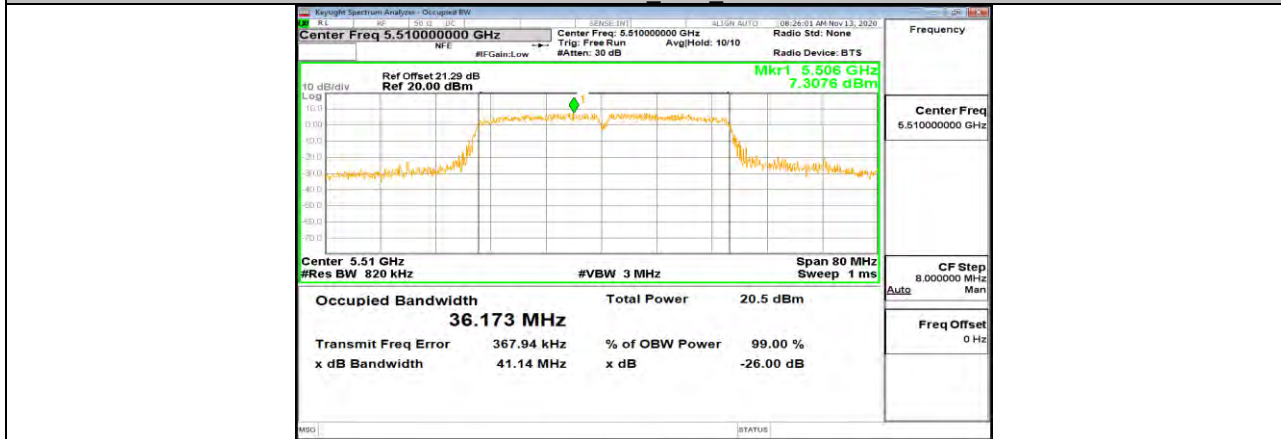
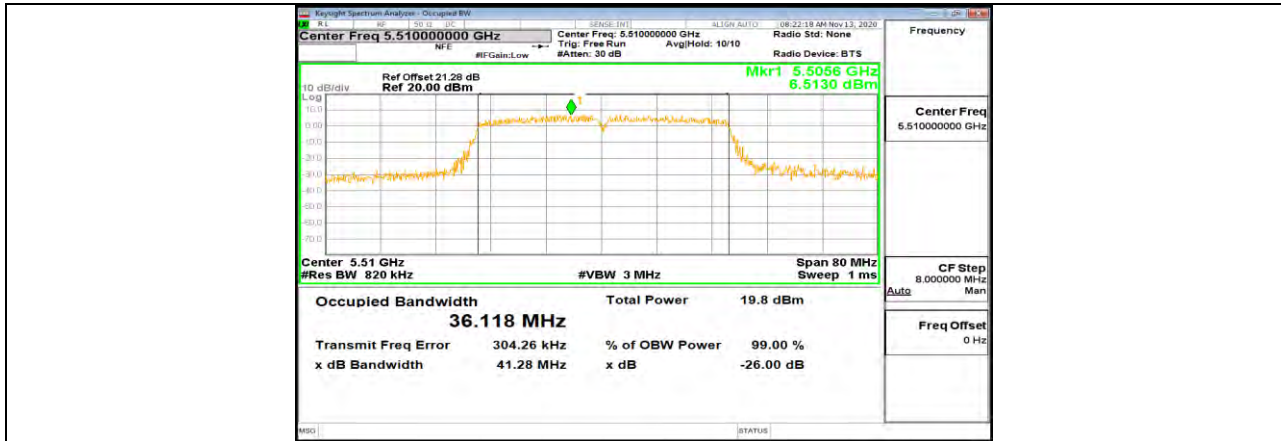


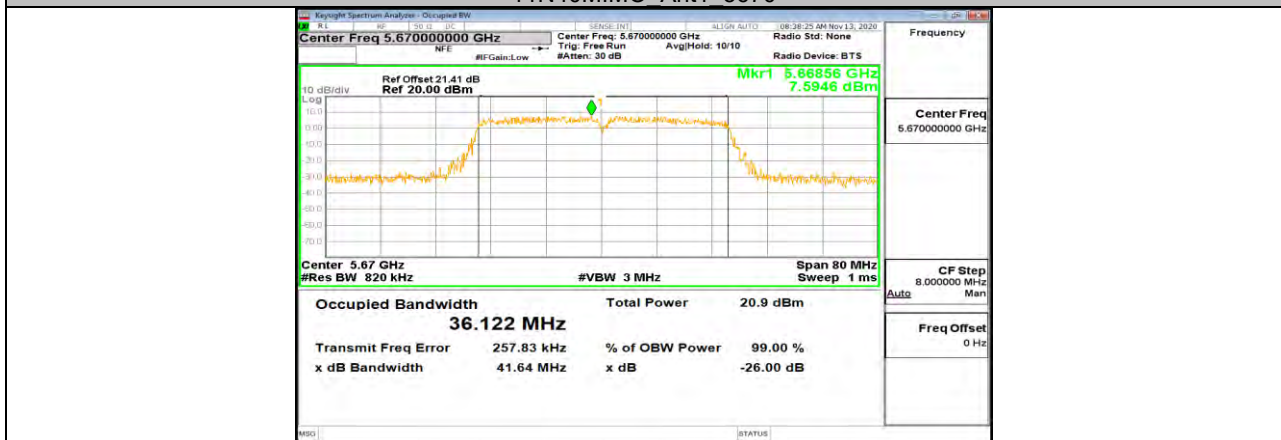
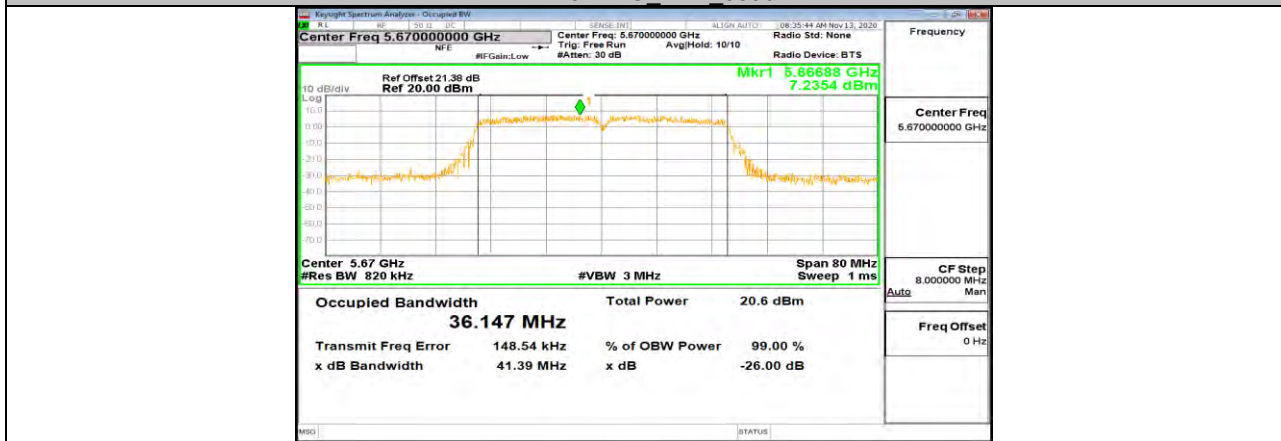
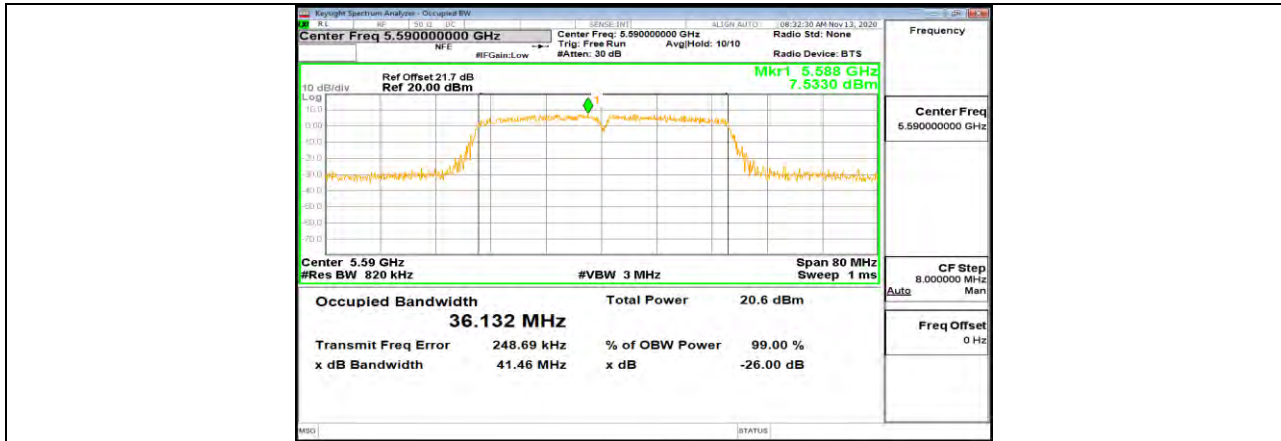


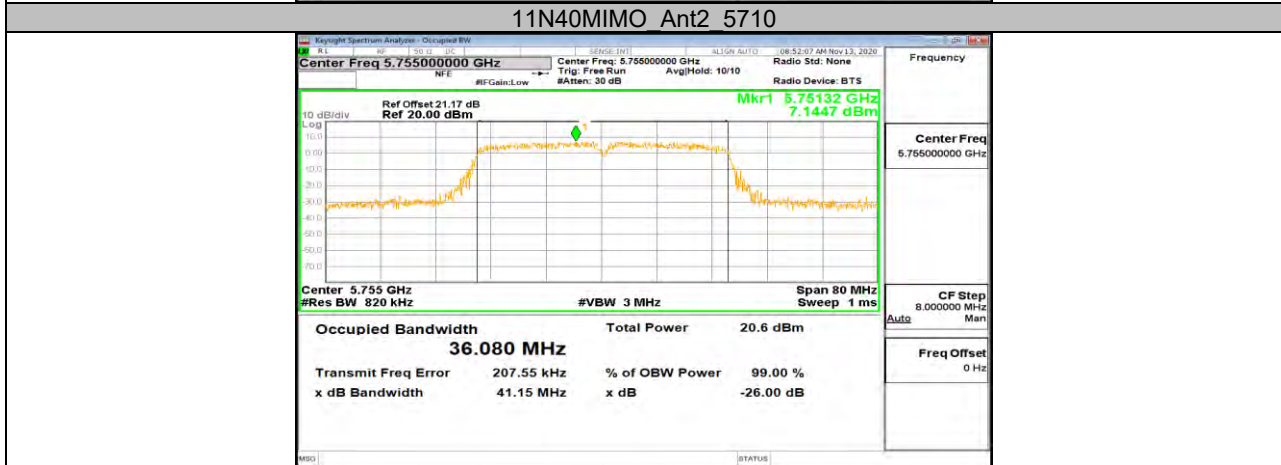
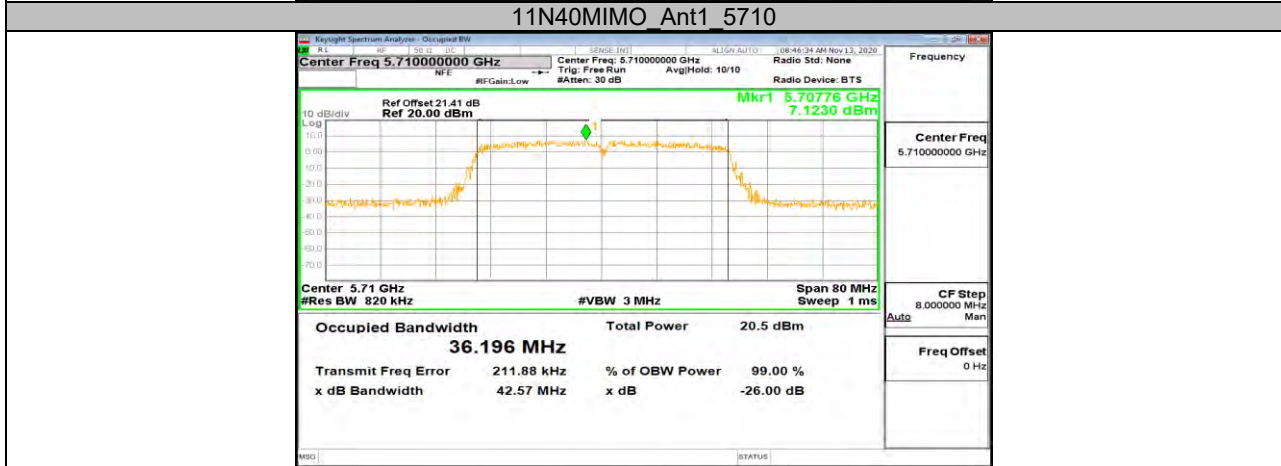
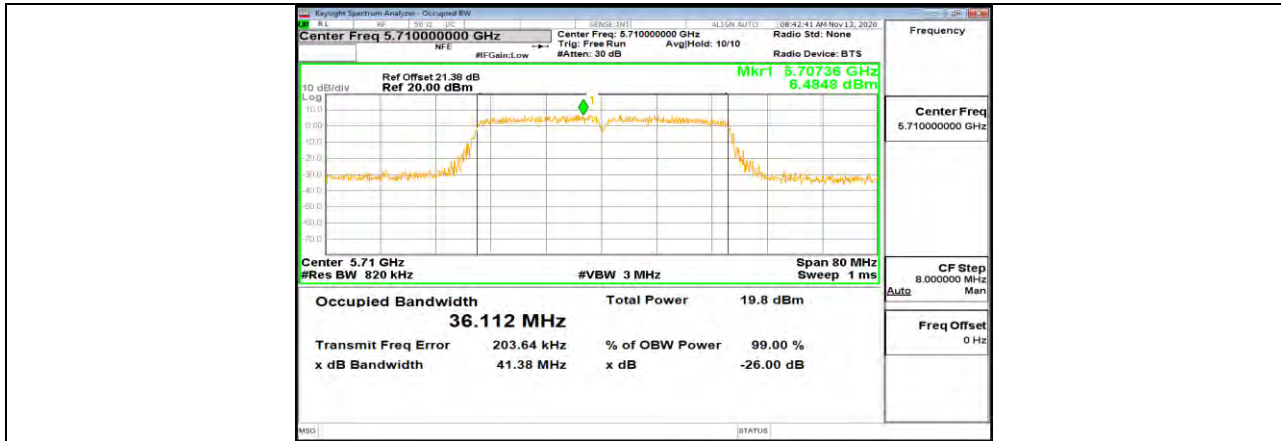


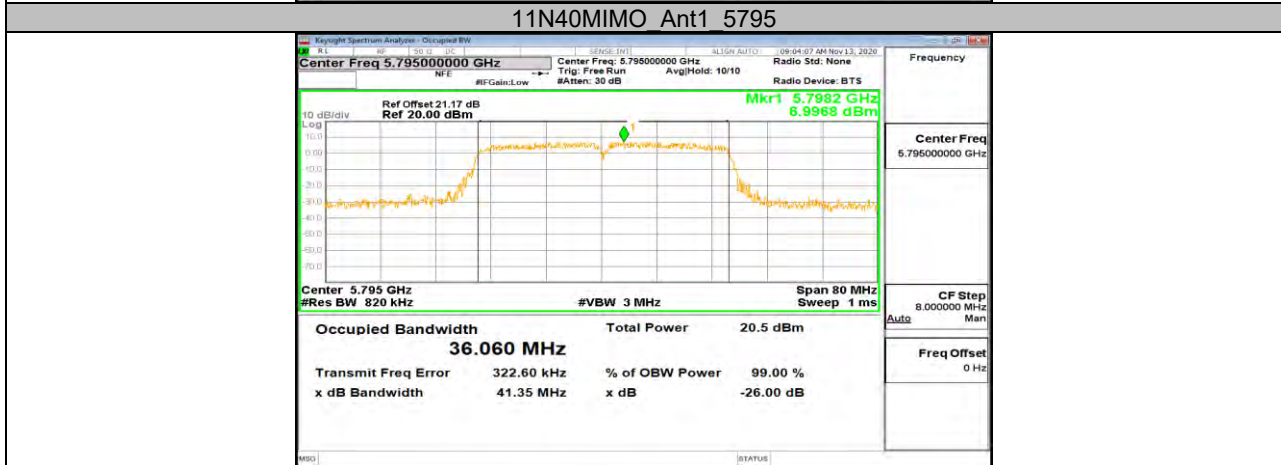
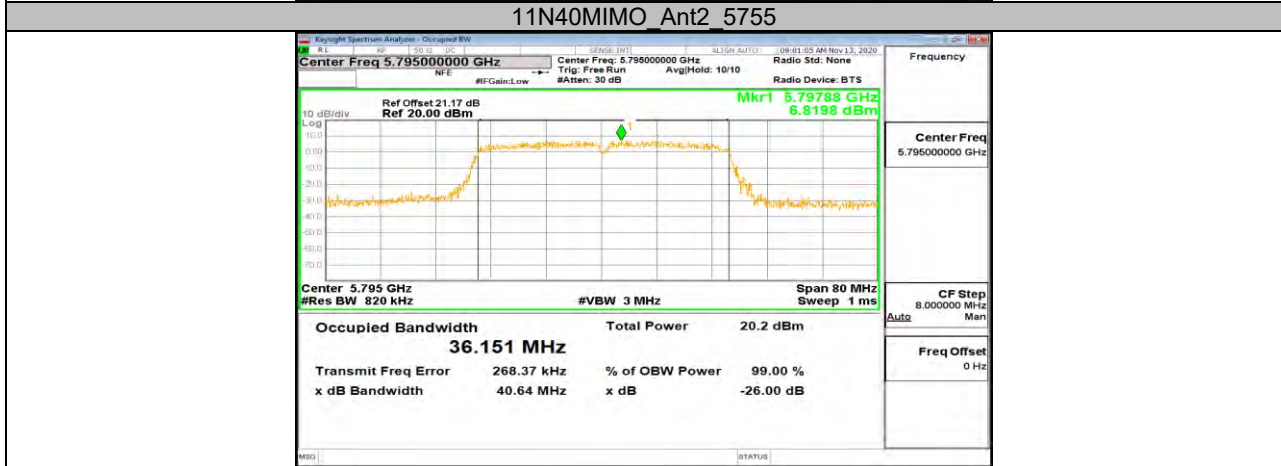
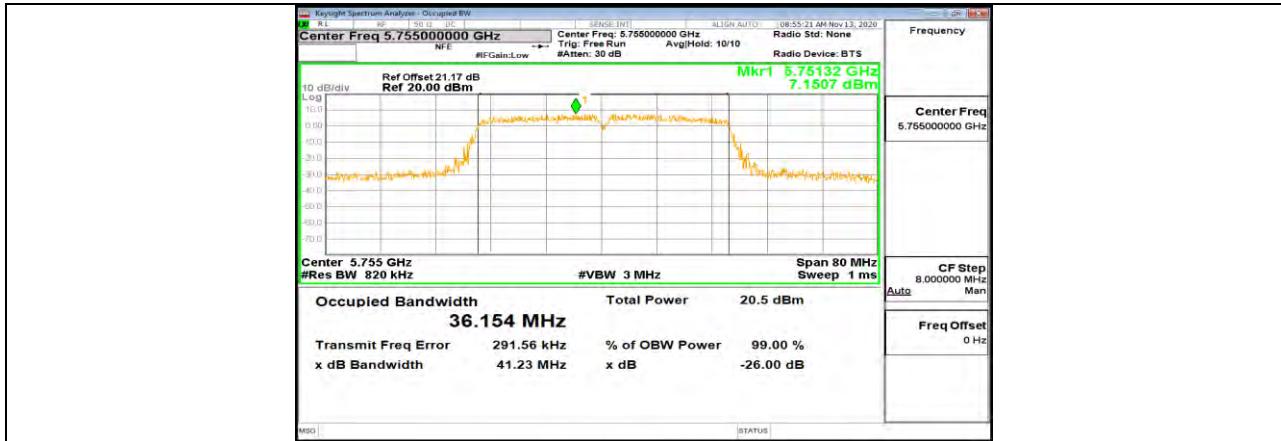


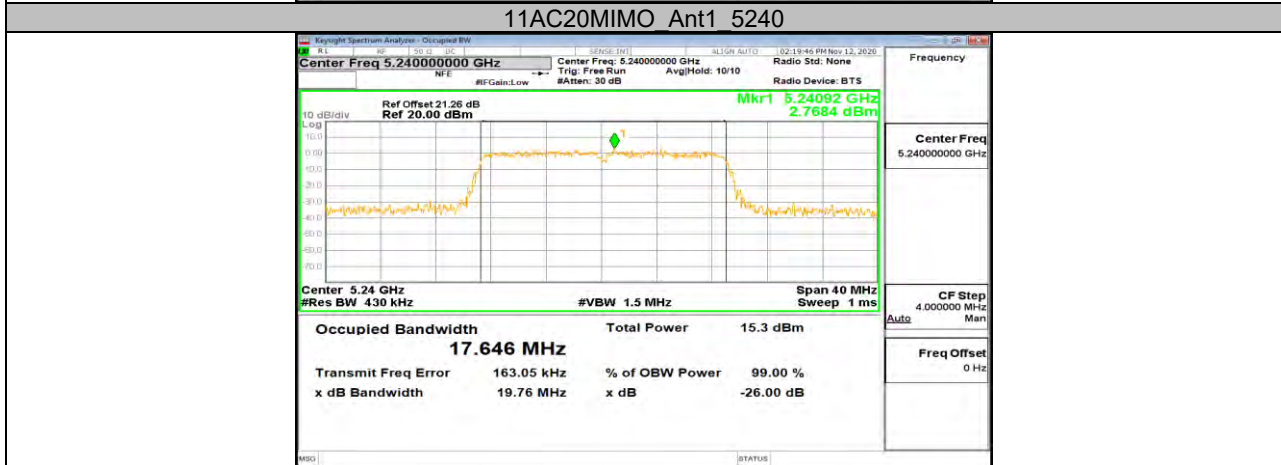
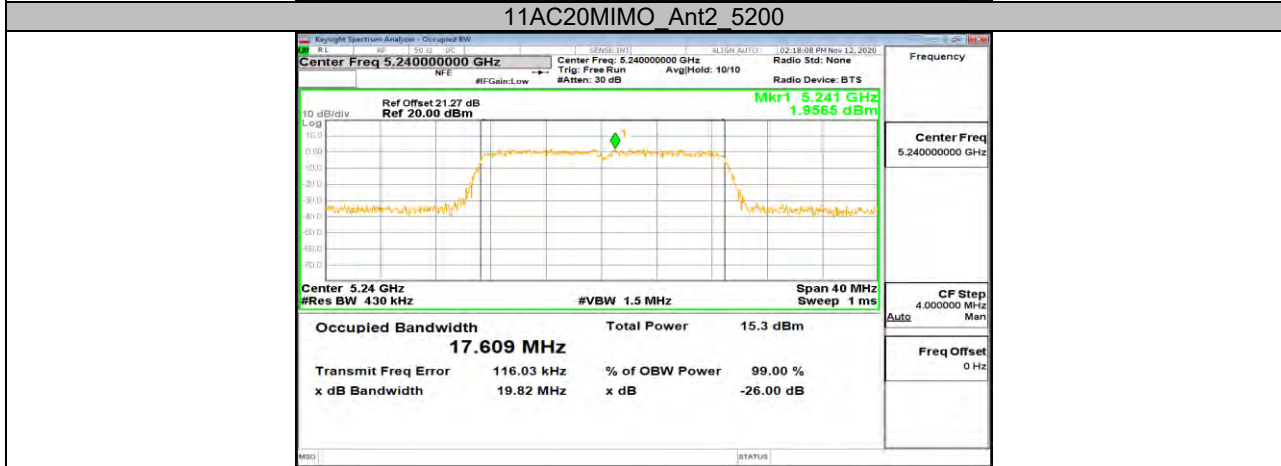
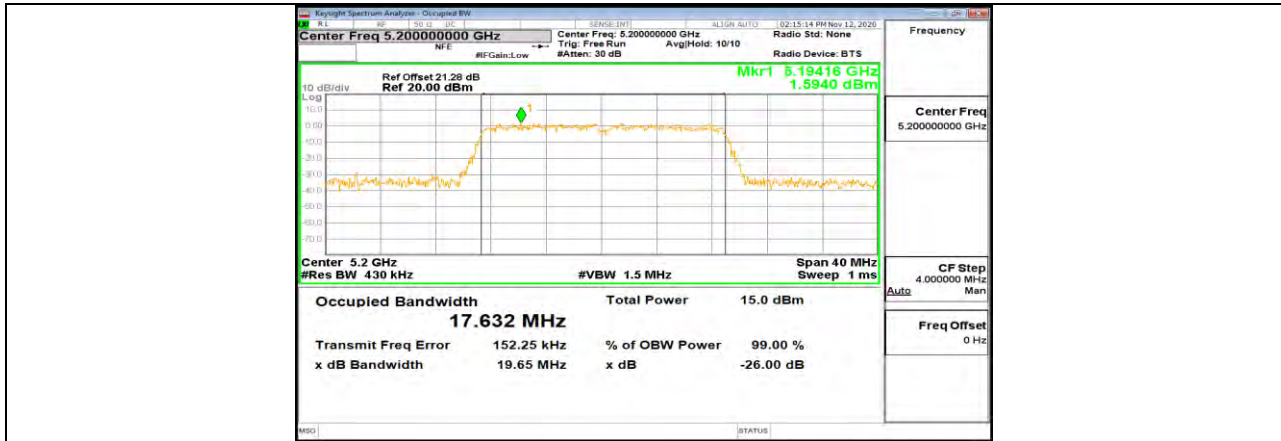


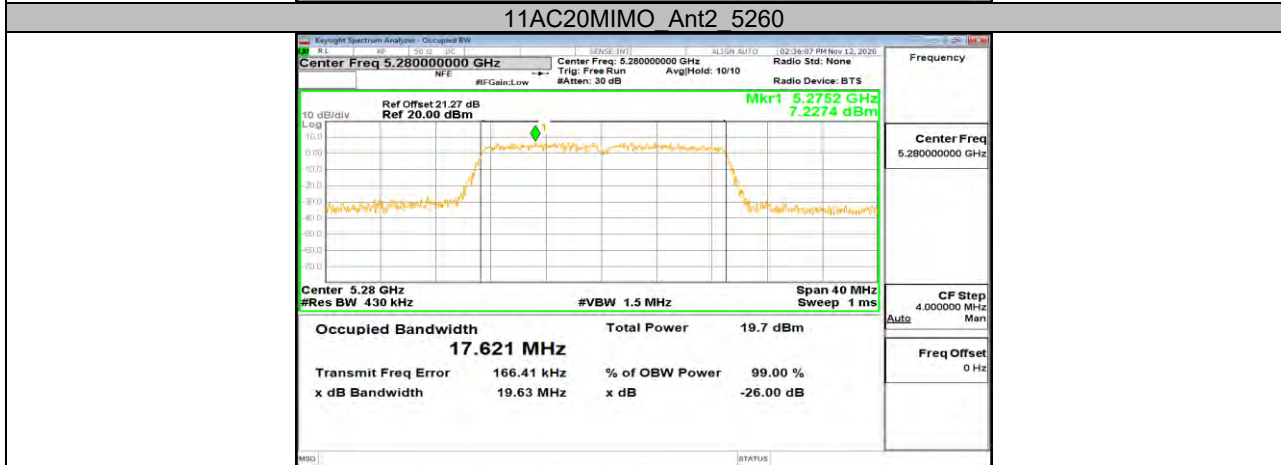
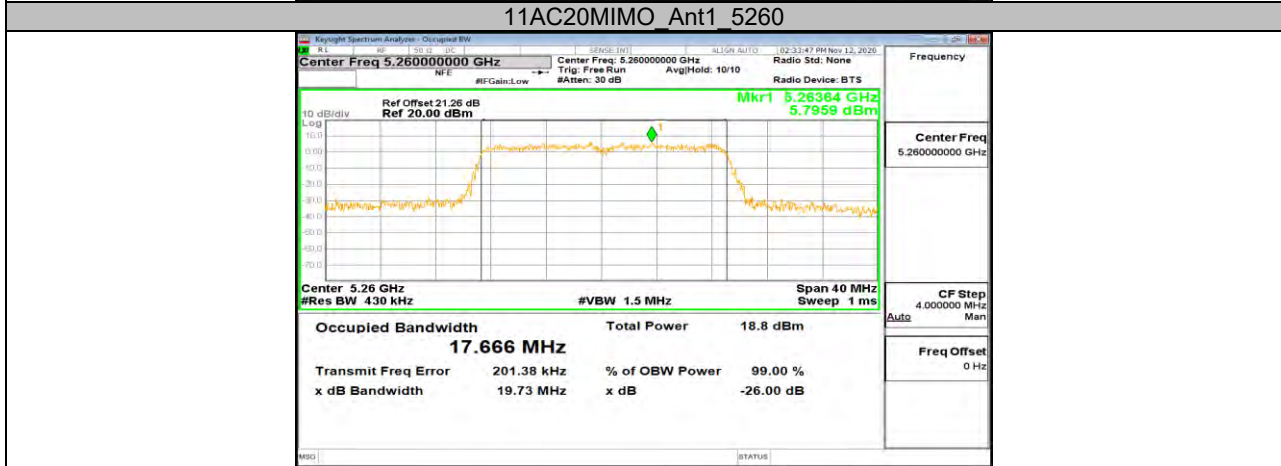
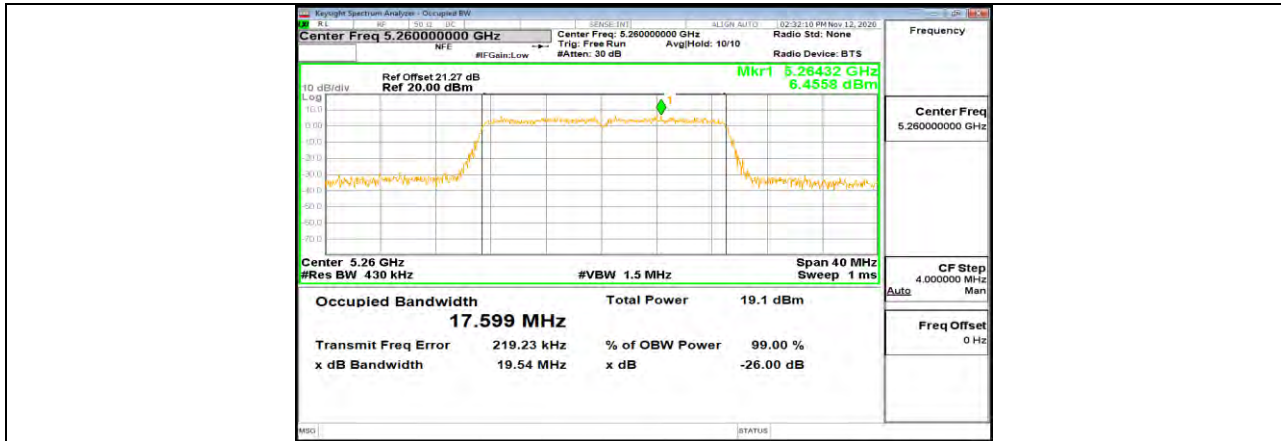


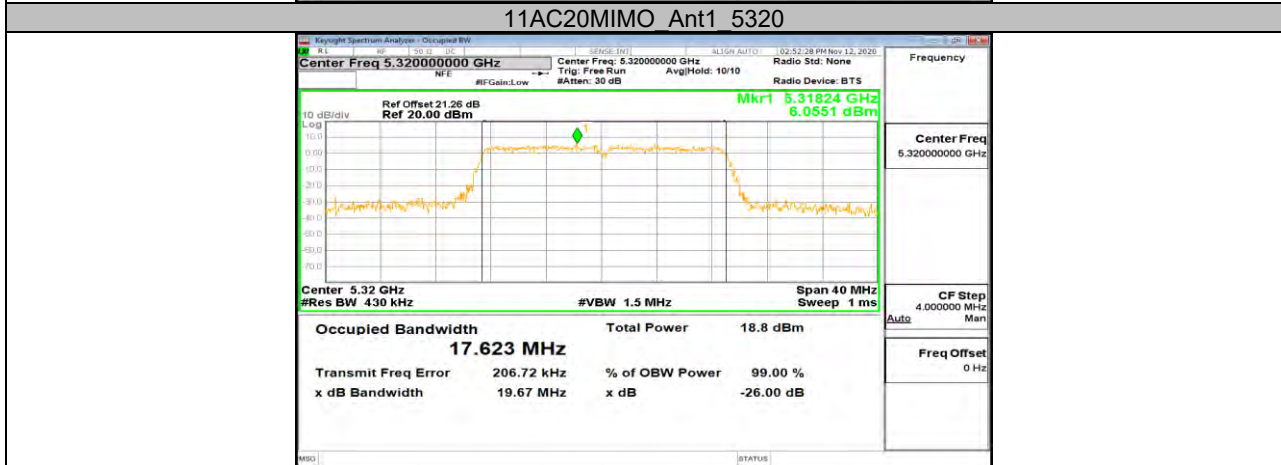
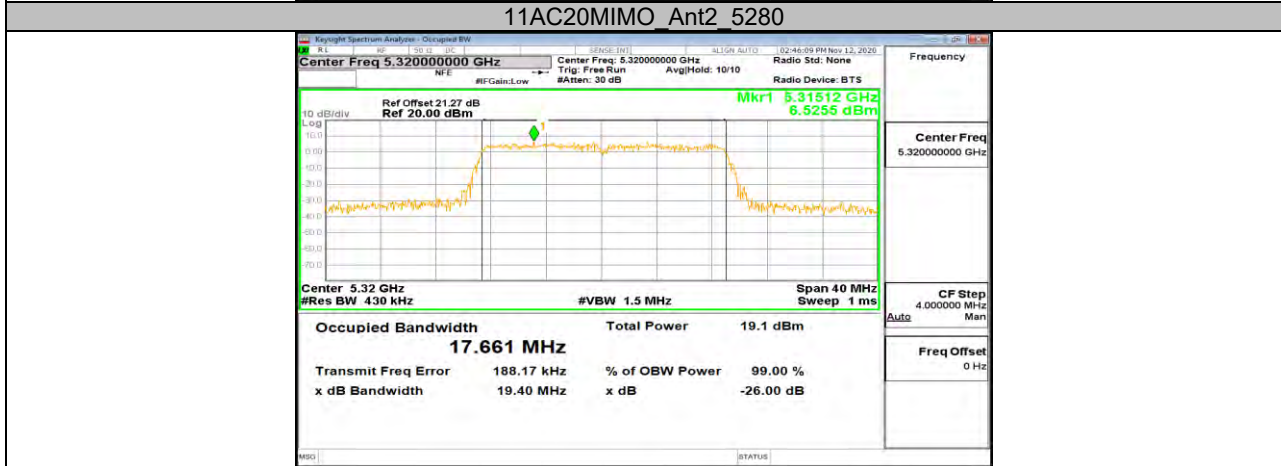
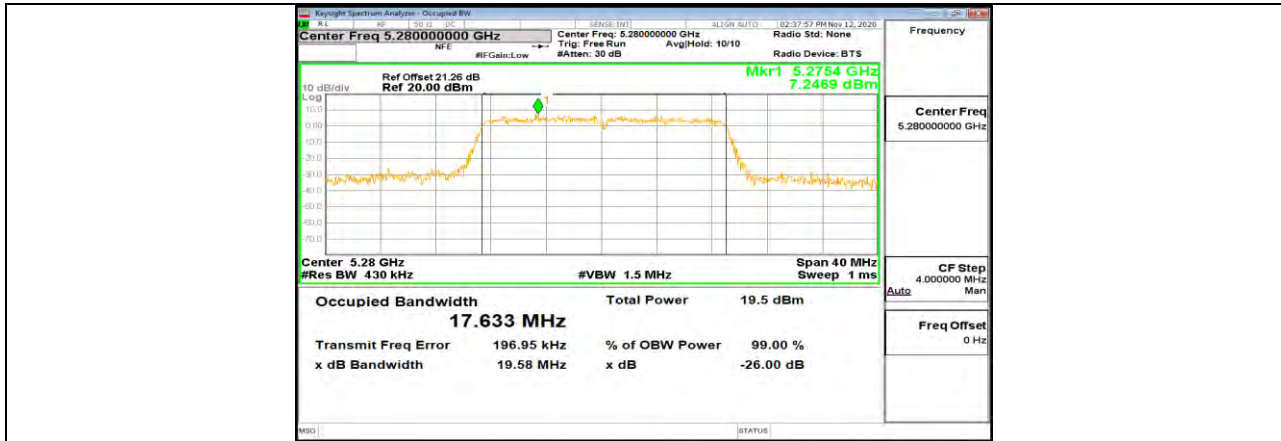




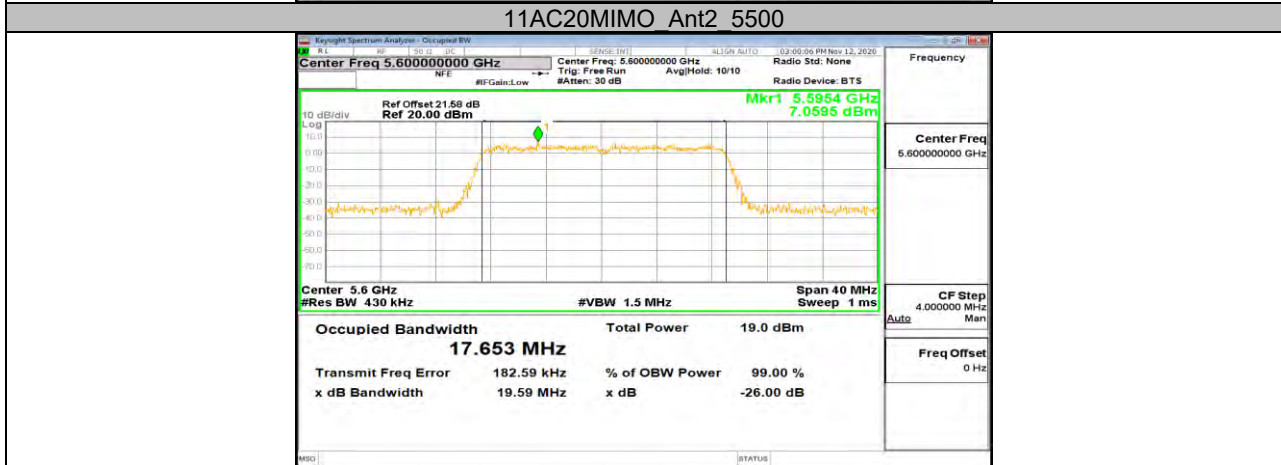
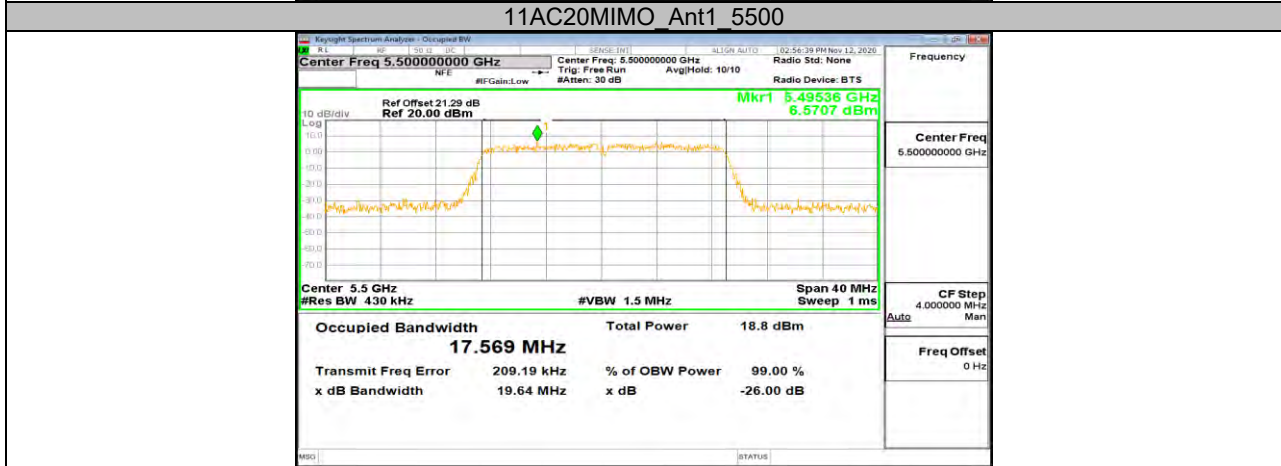
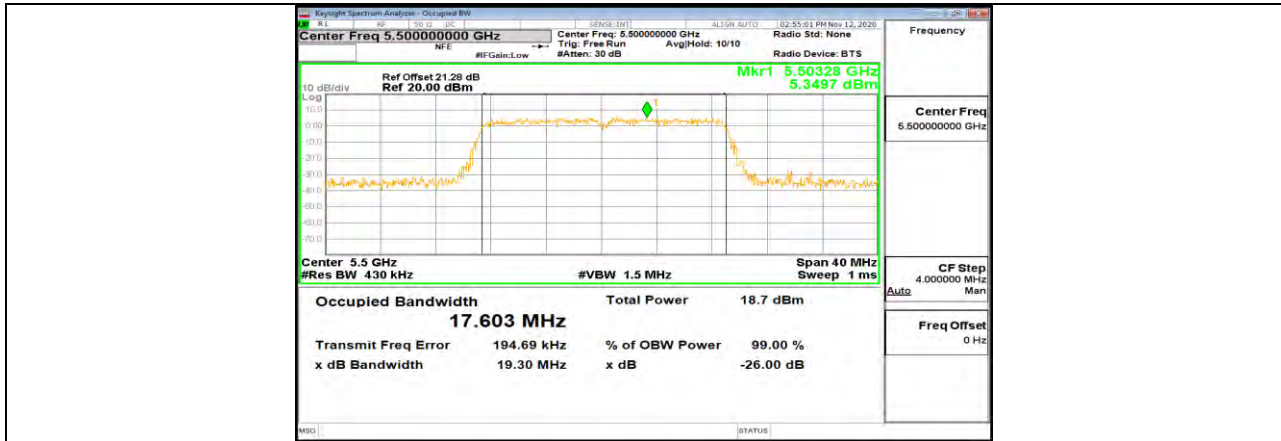


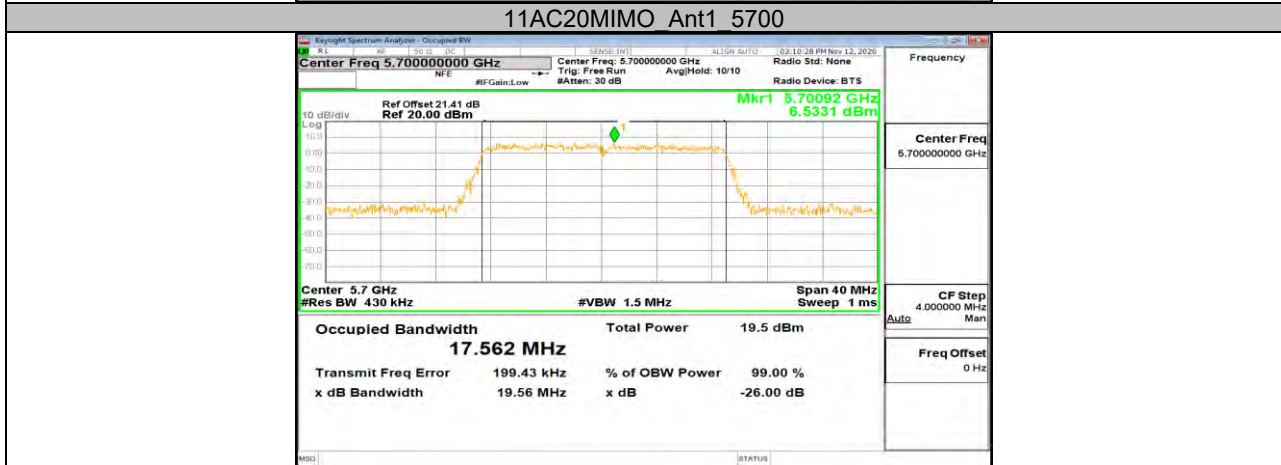
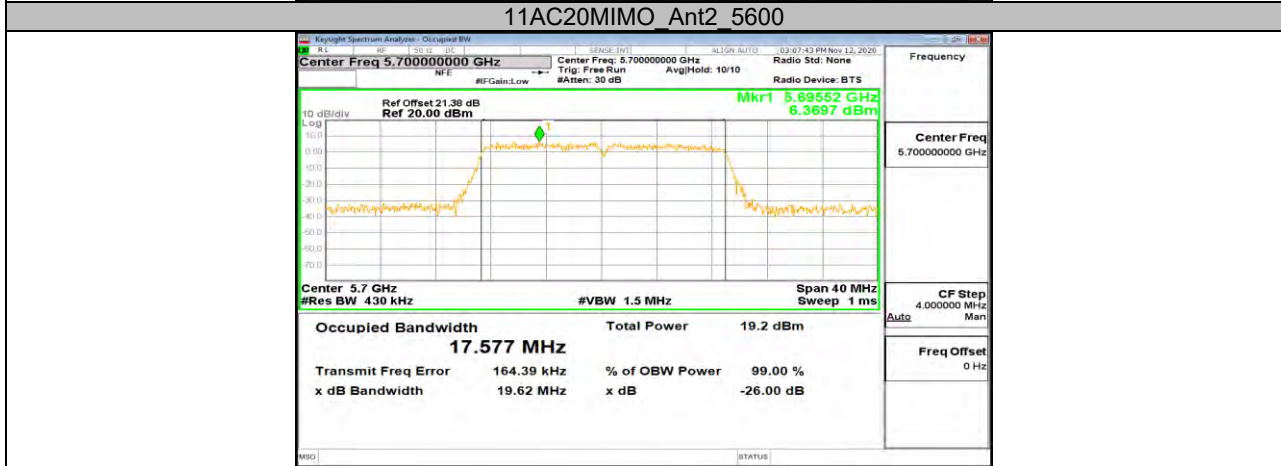
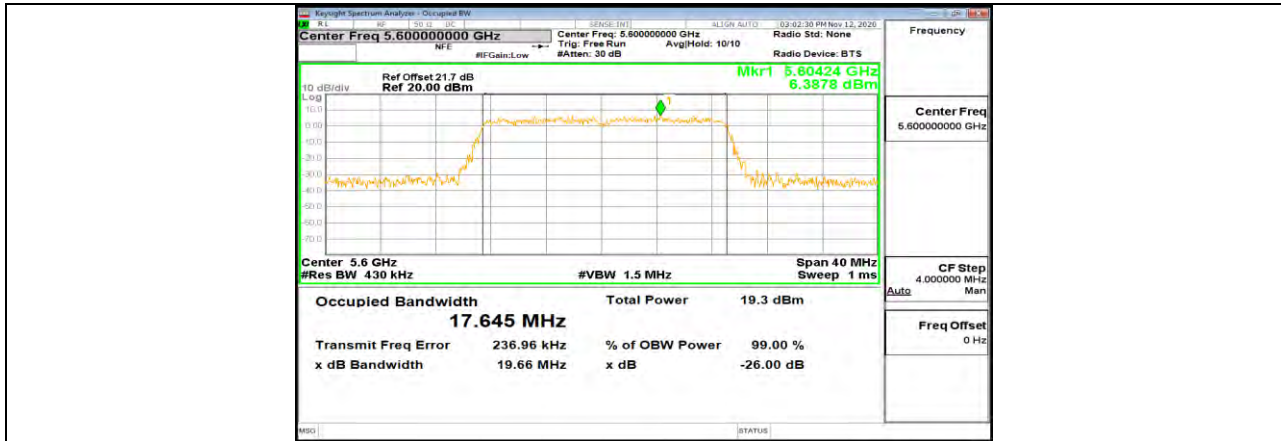


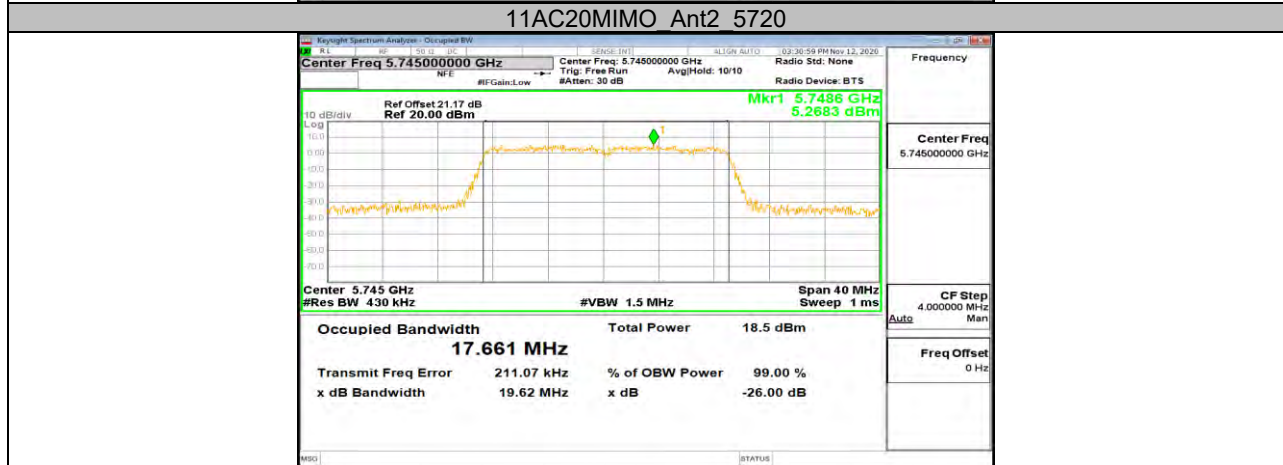
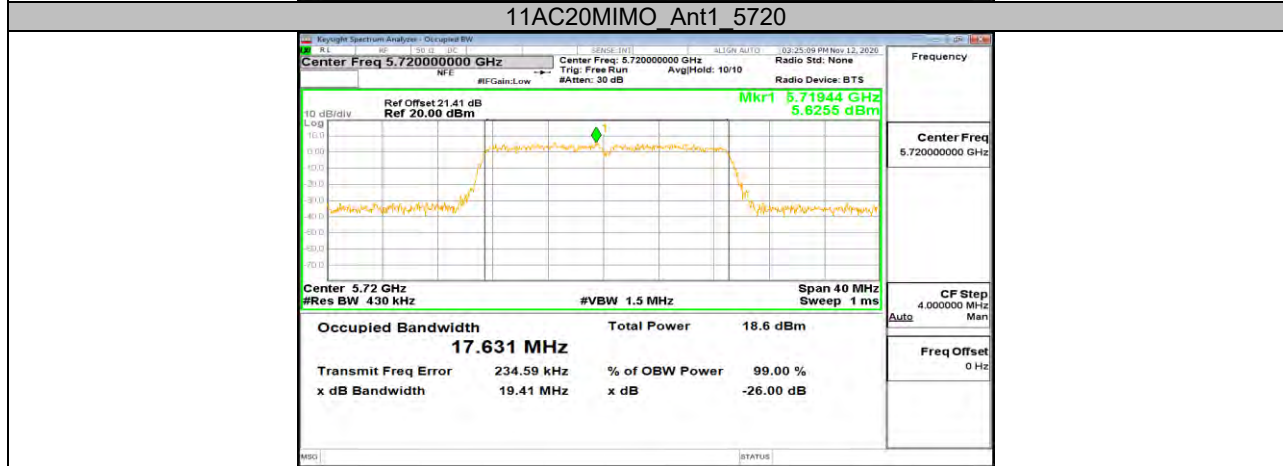
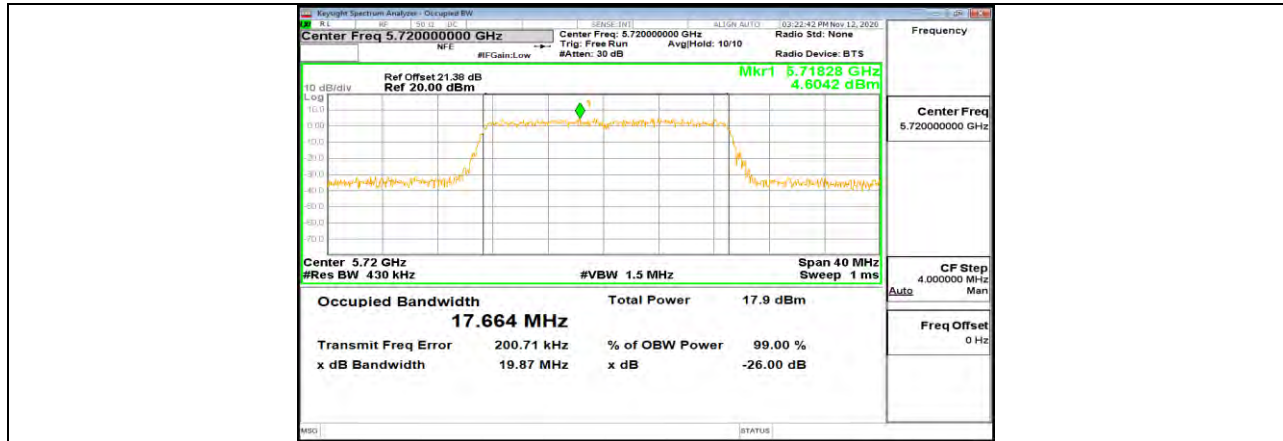


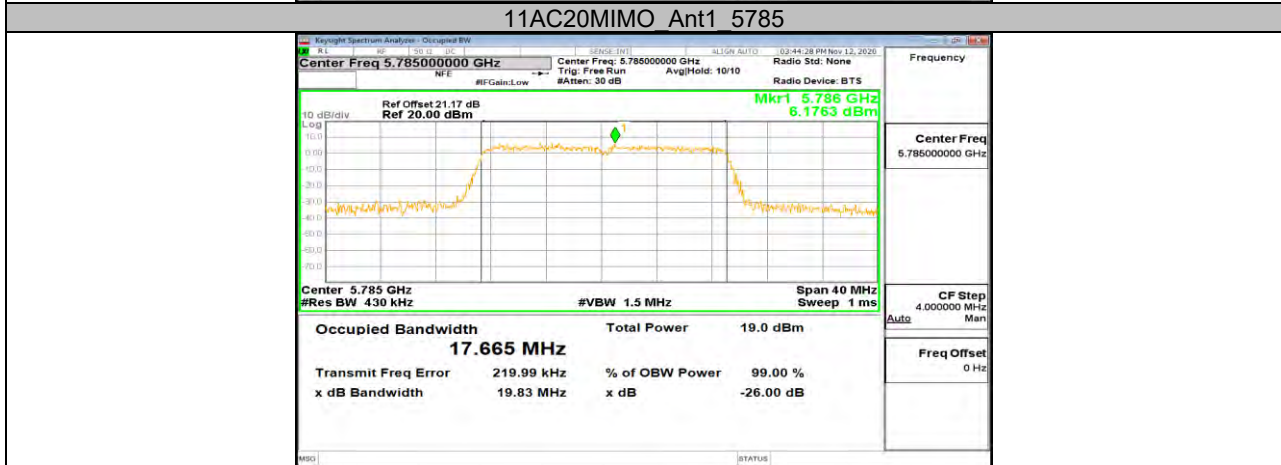
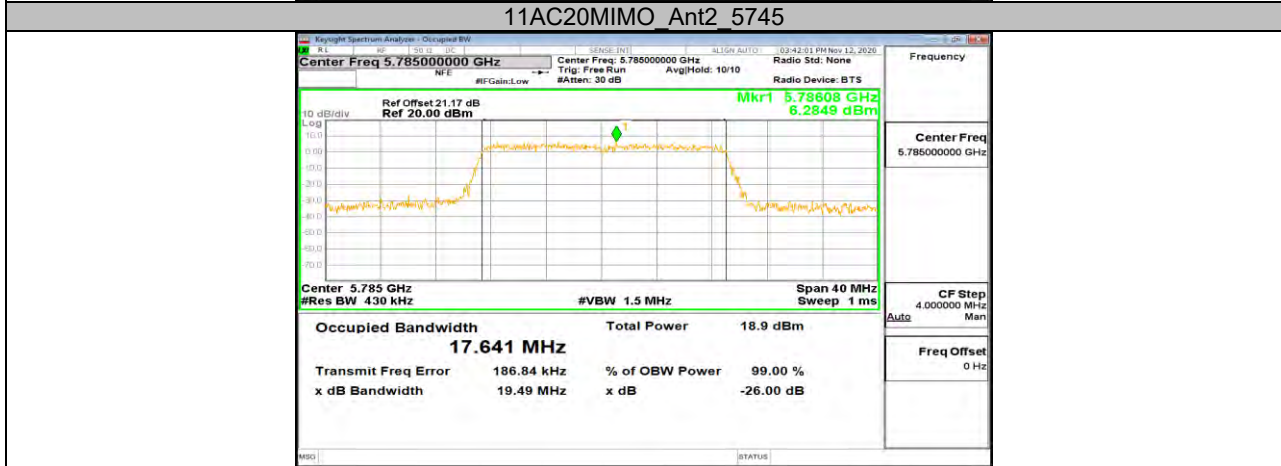
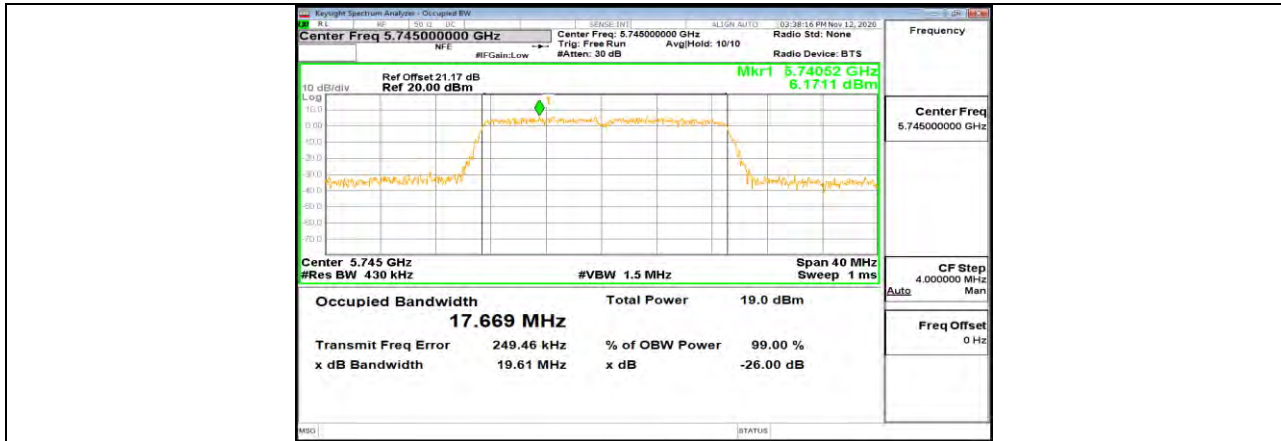


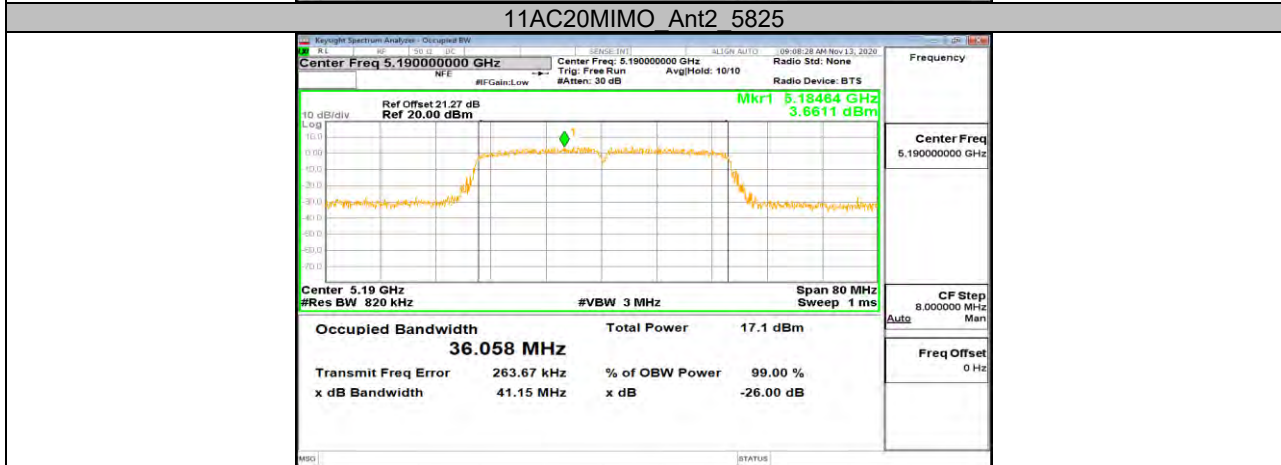
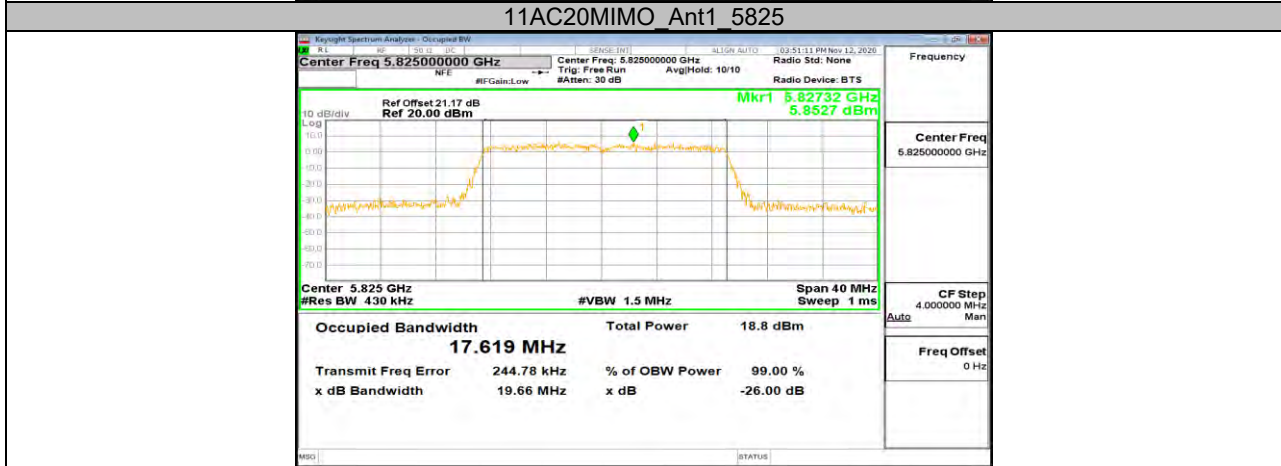
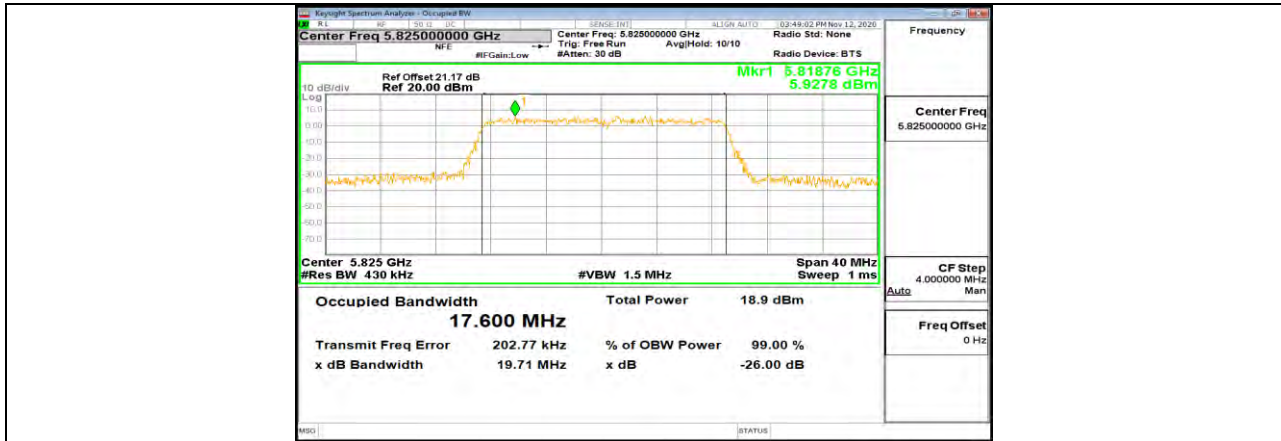
11AC20MIMO Ant2 5320

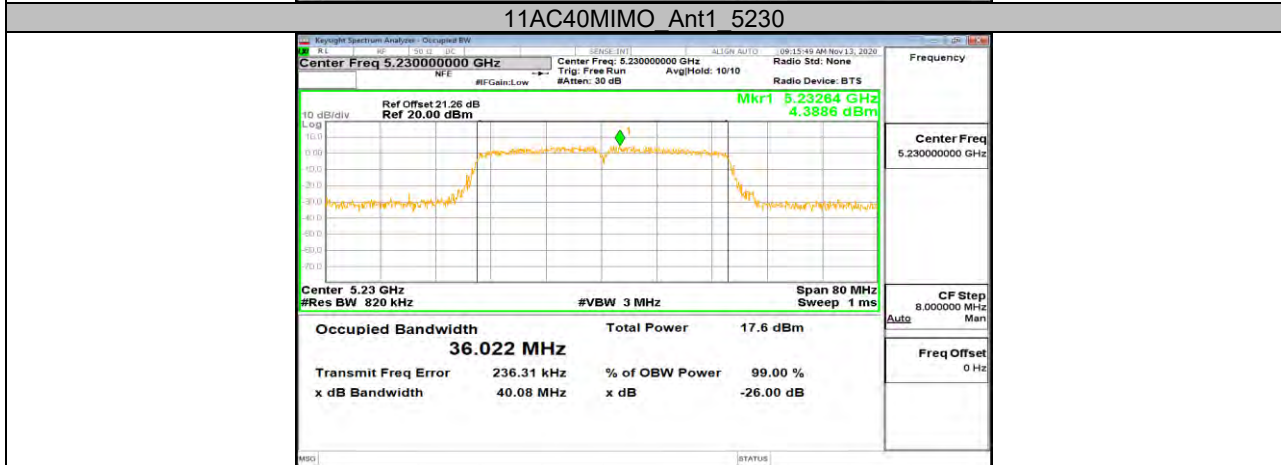
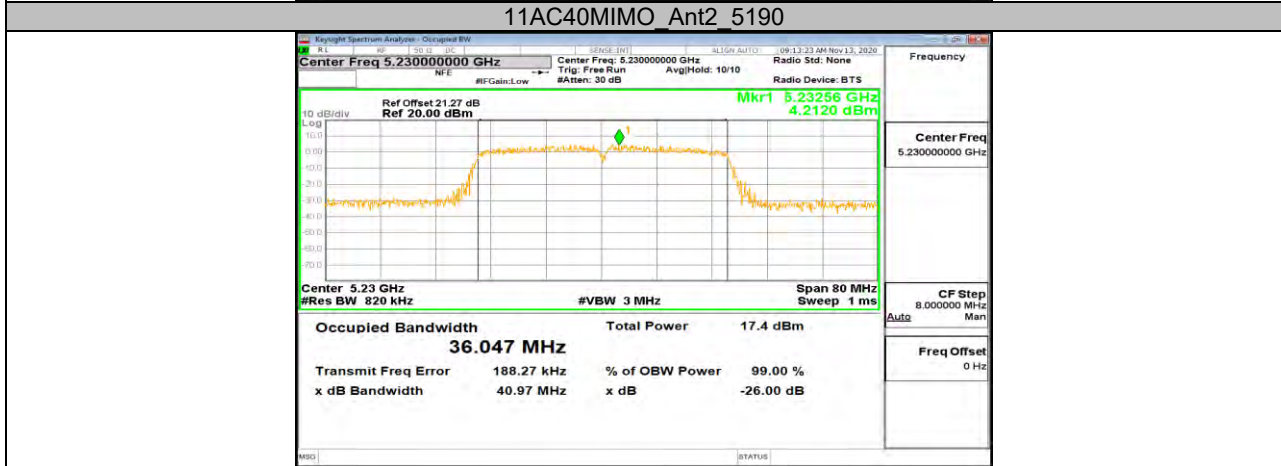
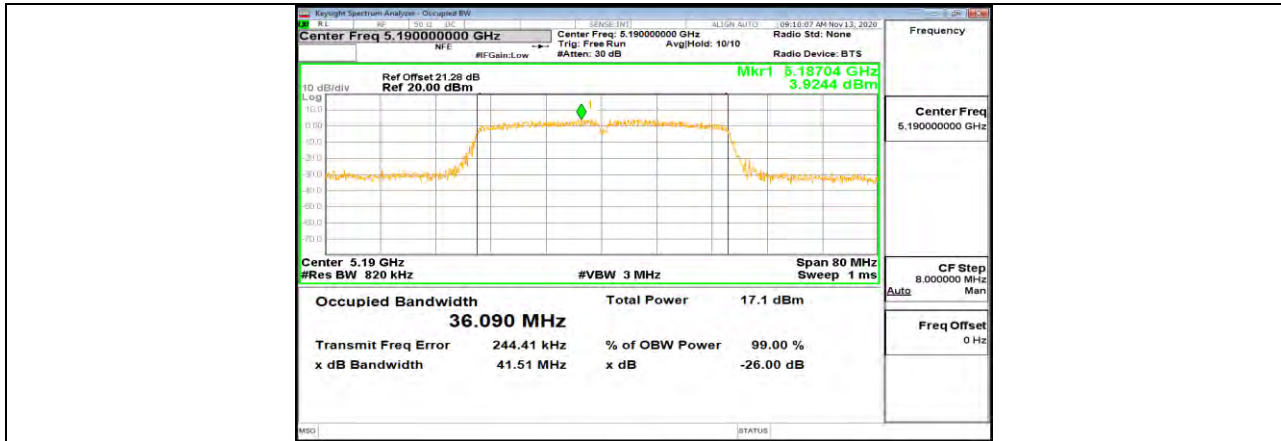


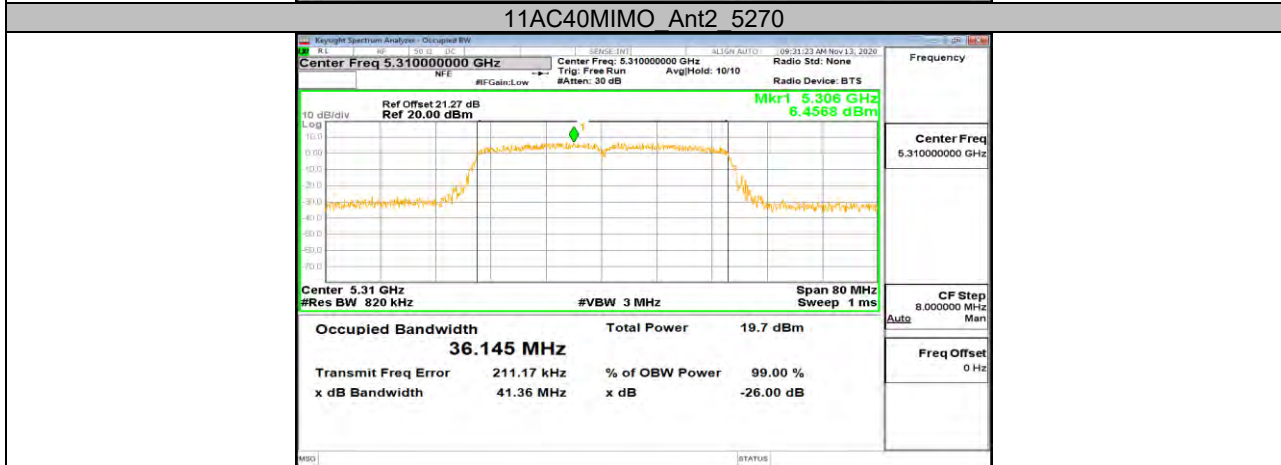
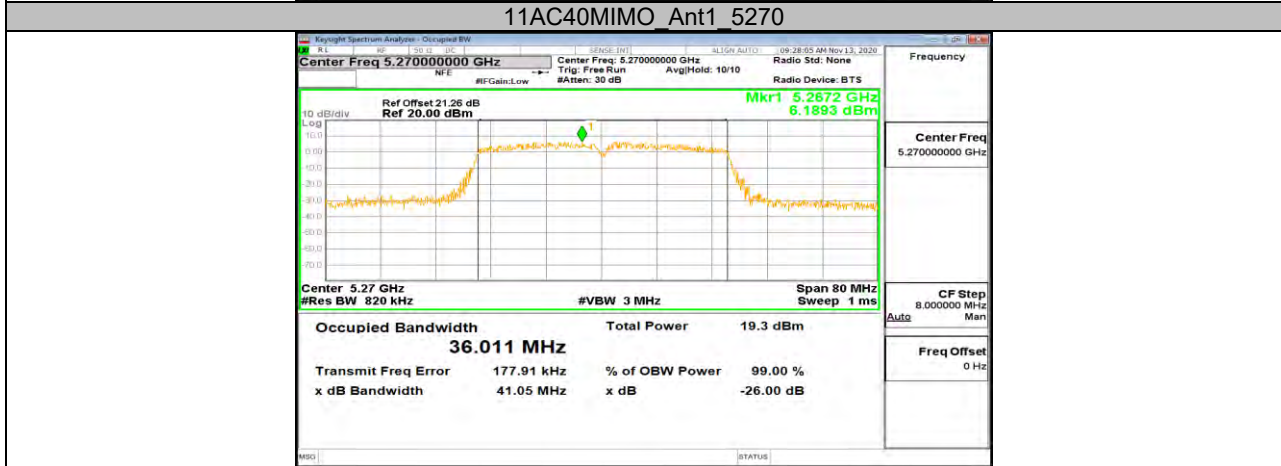
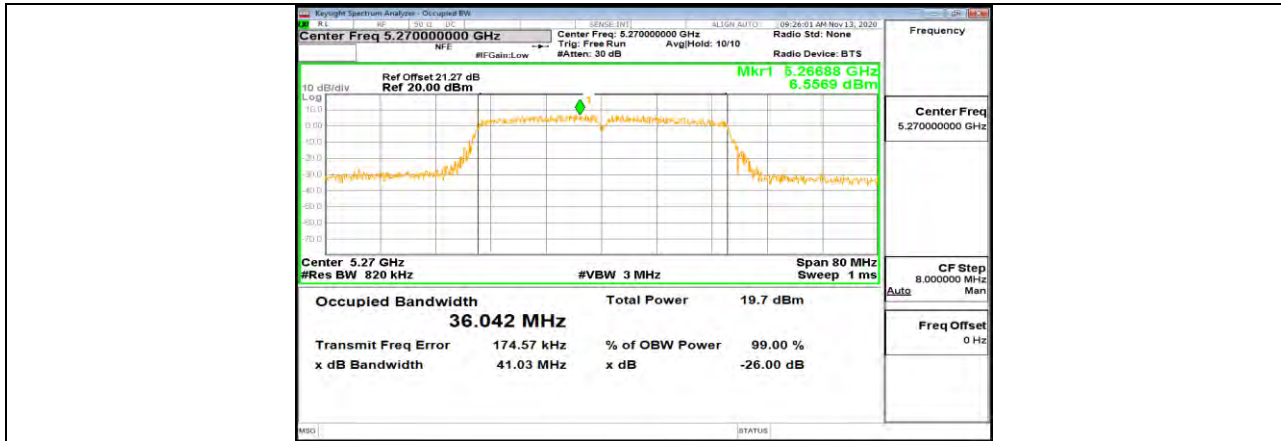


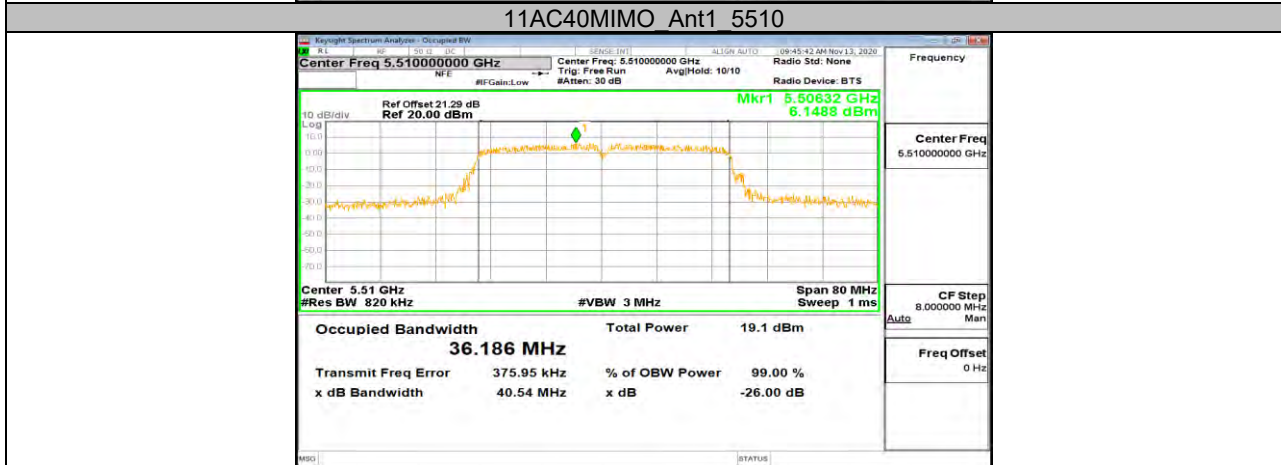
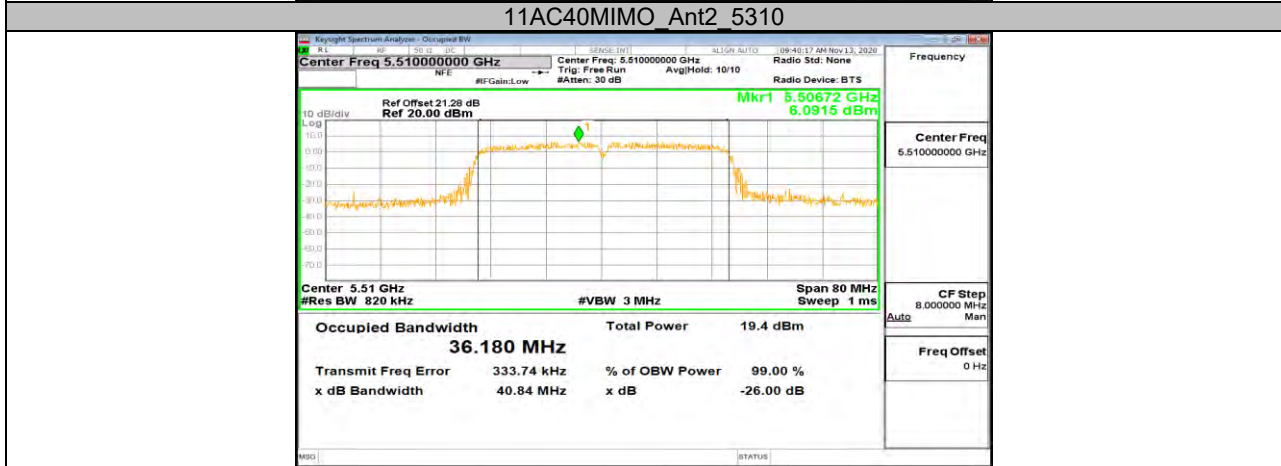
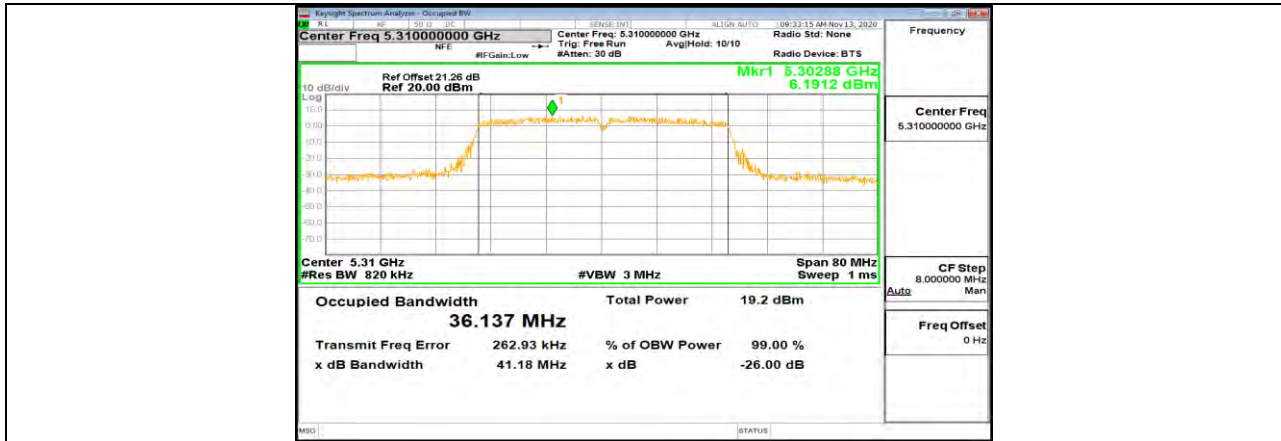


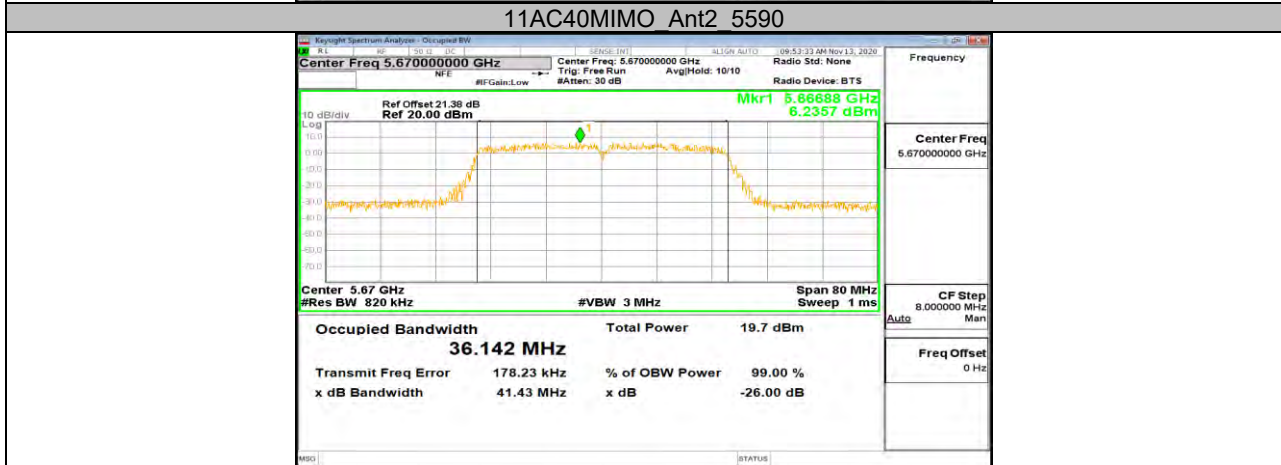
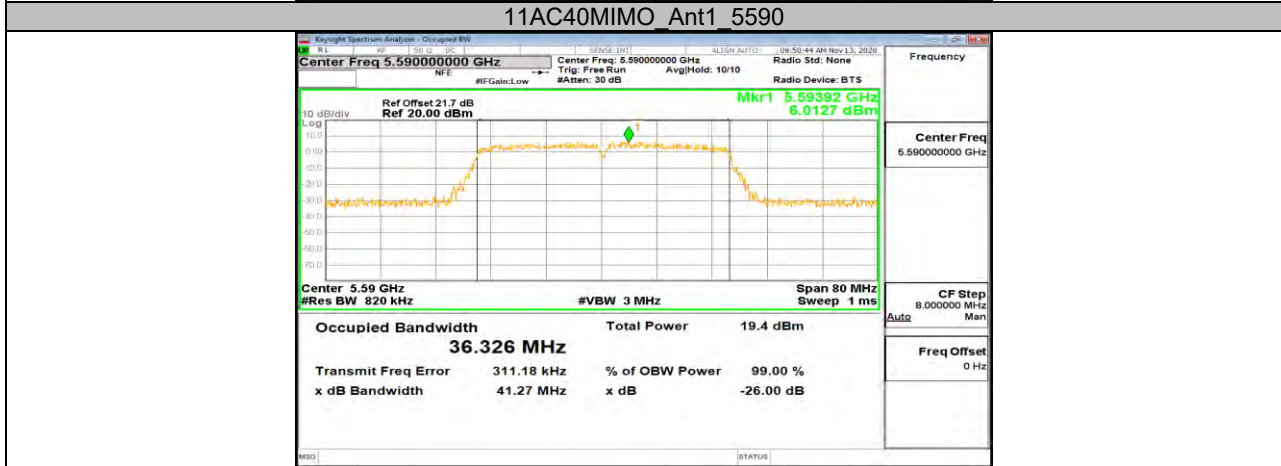
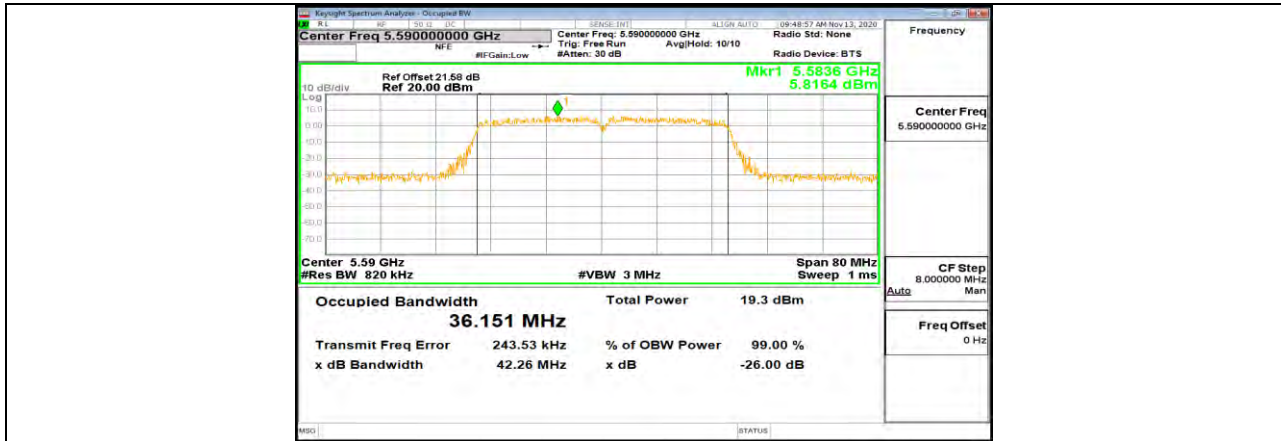


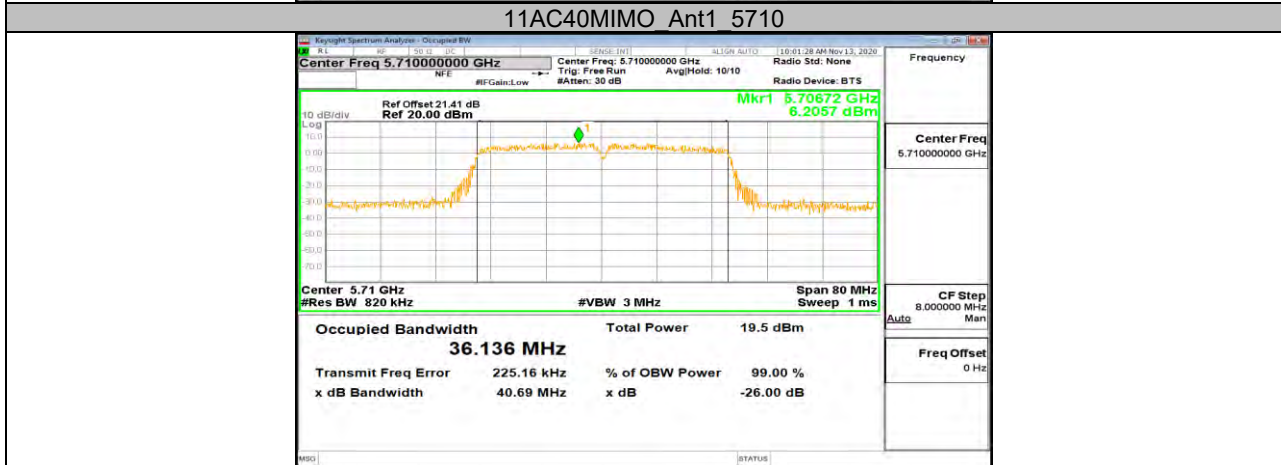
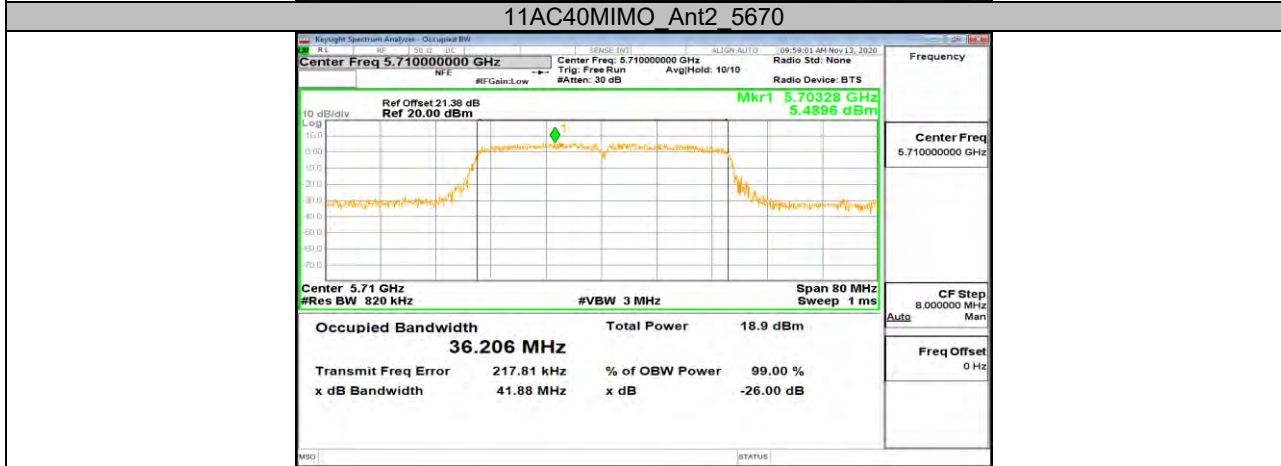
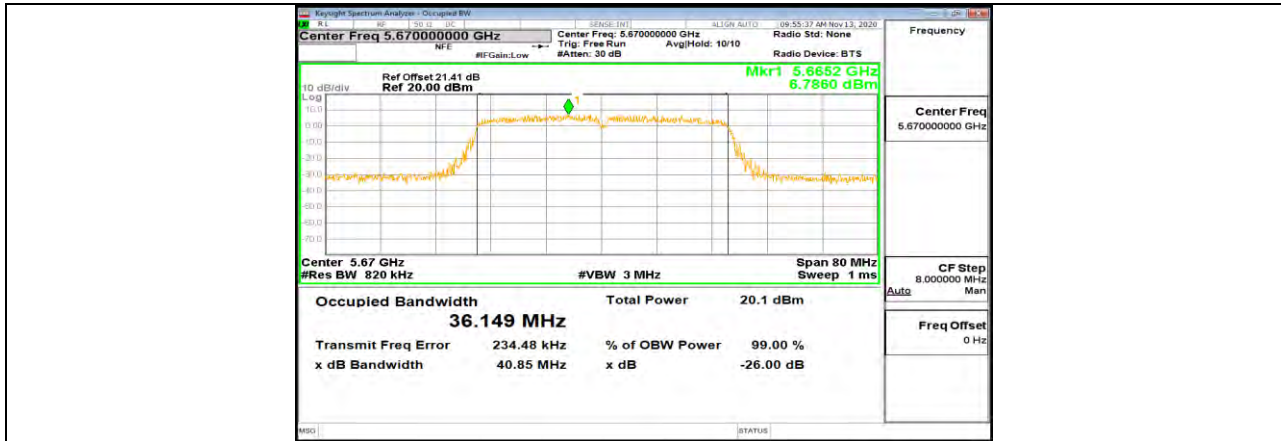


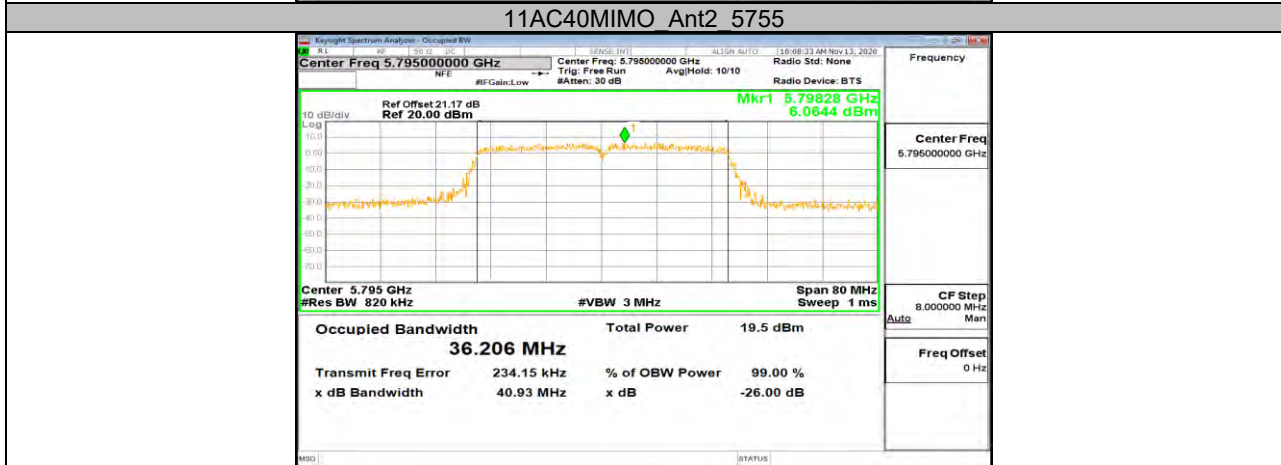
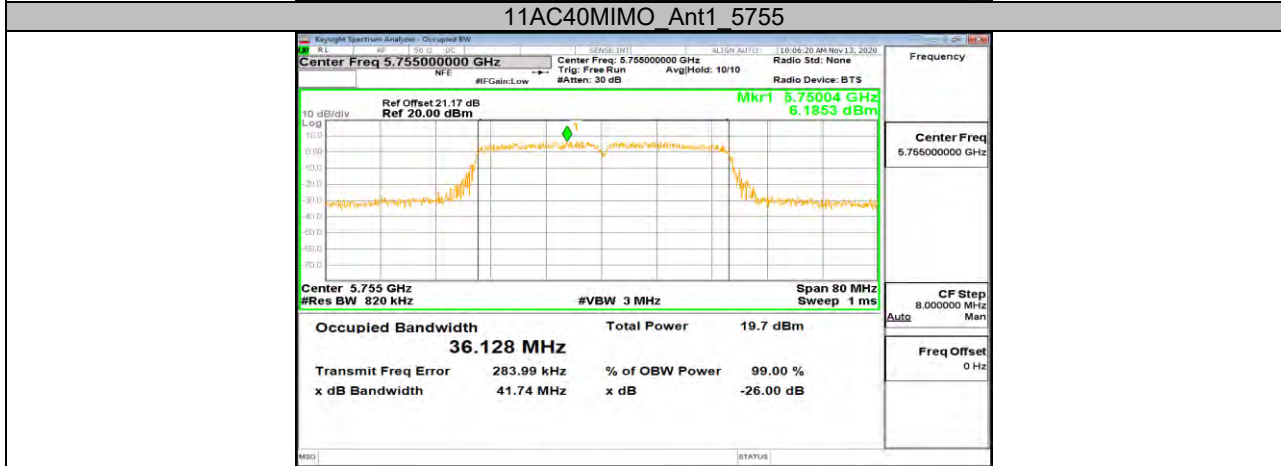
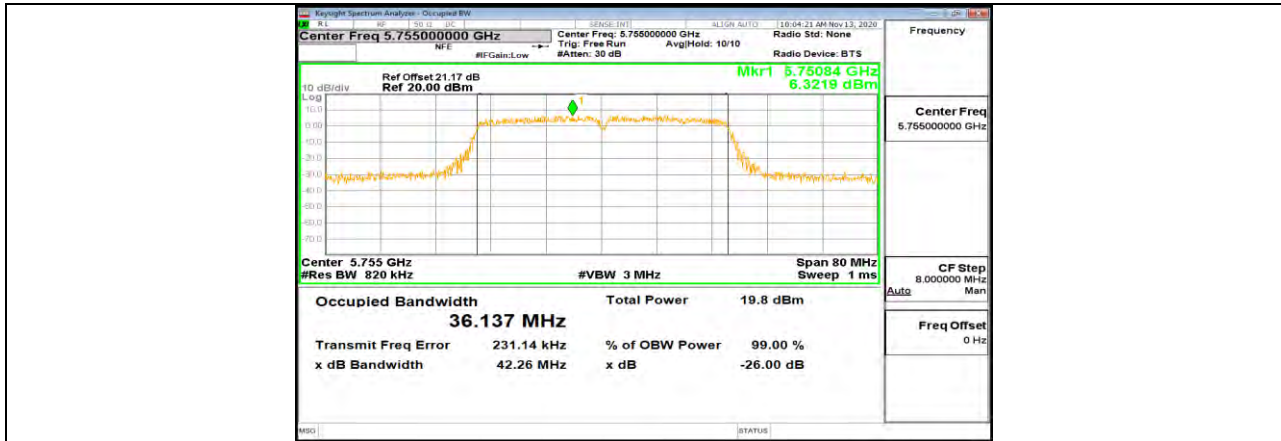


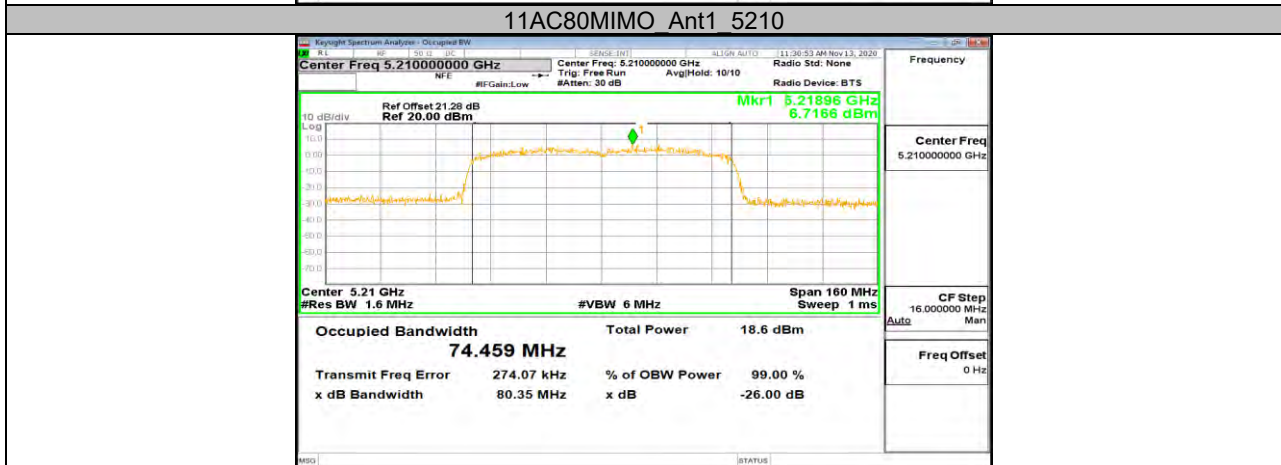
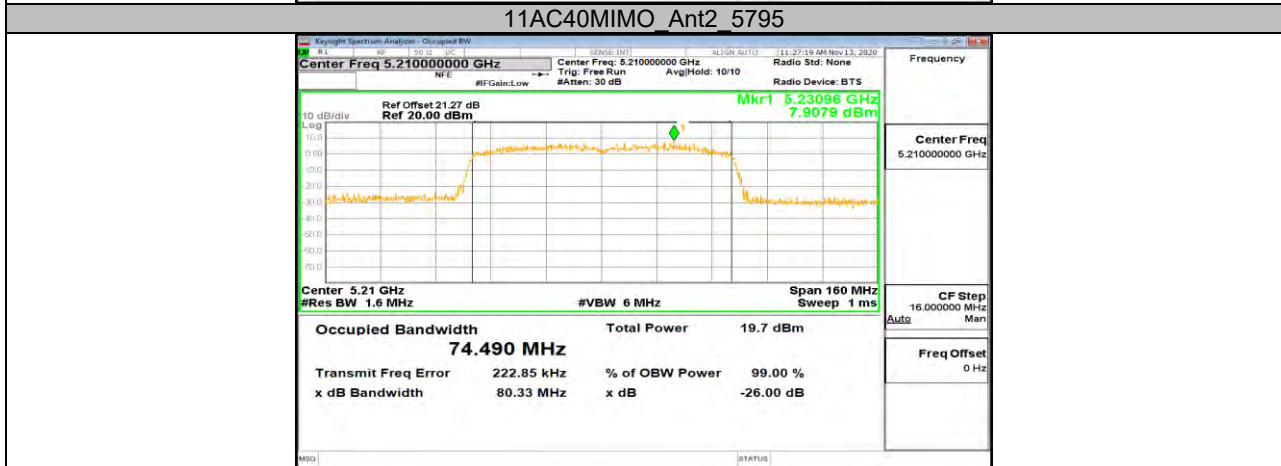
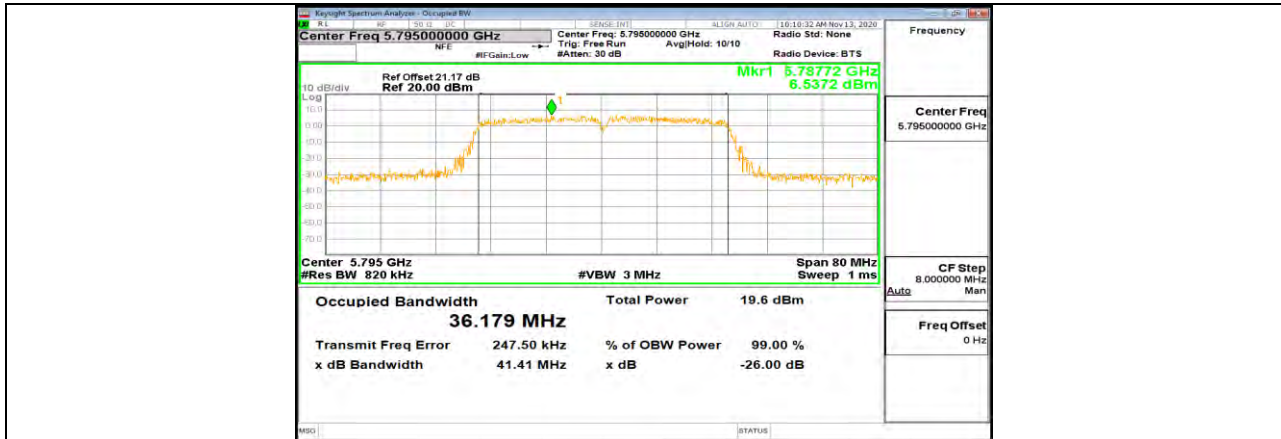


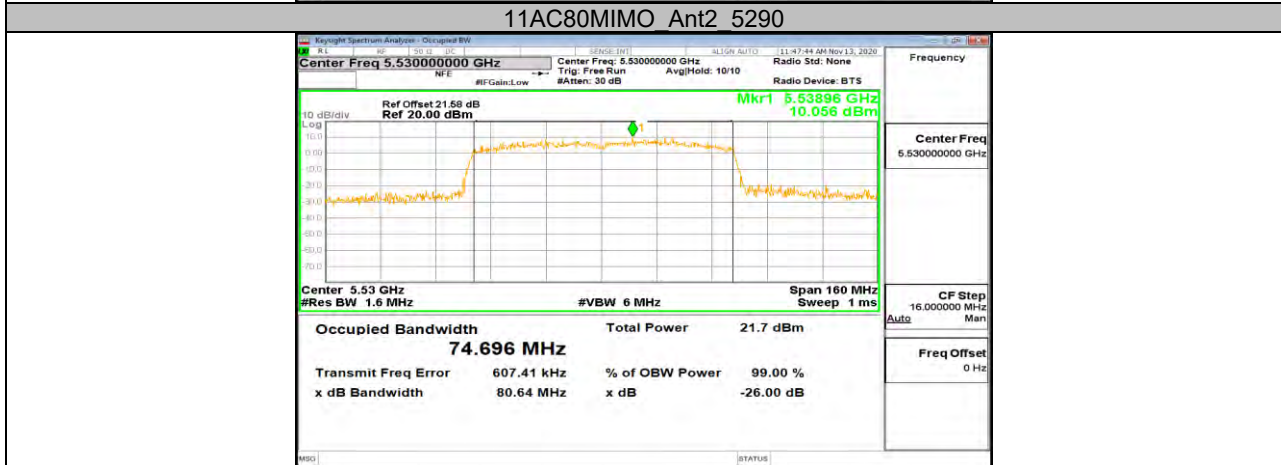
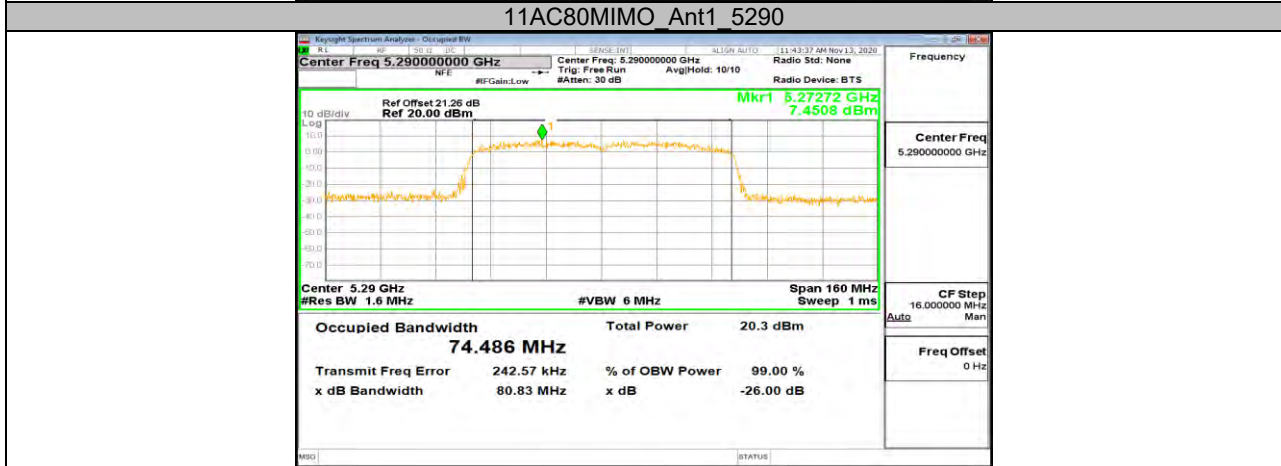
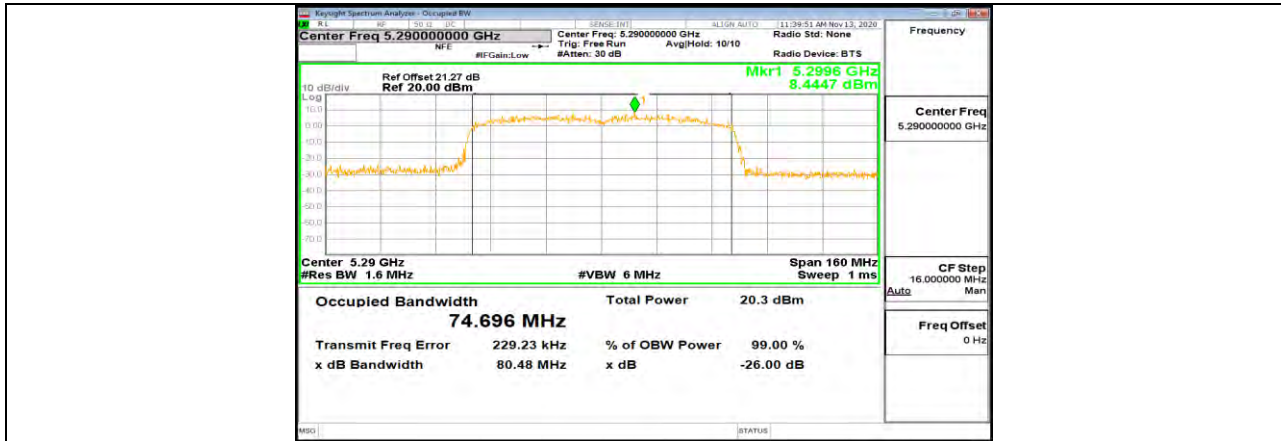


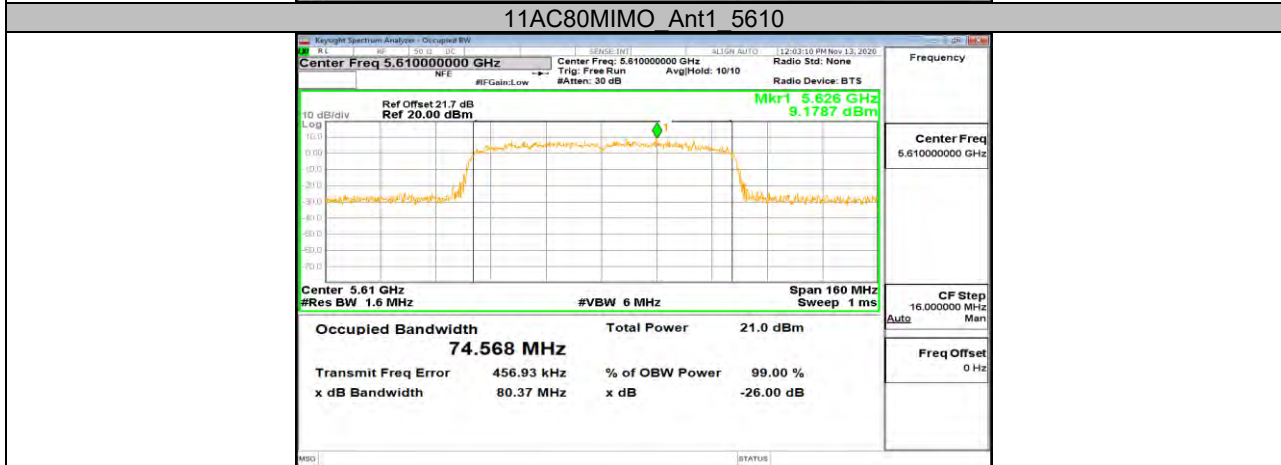
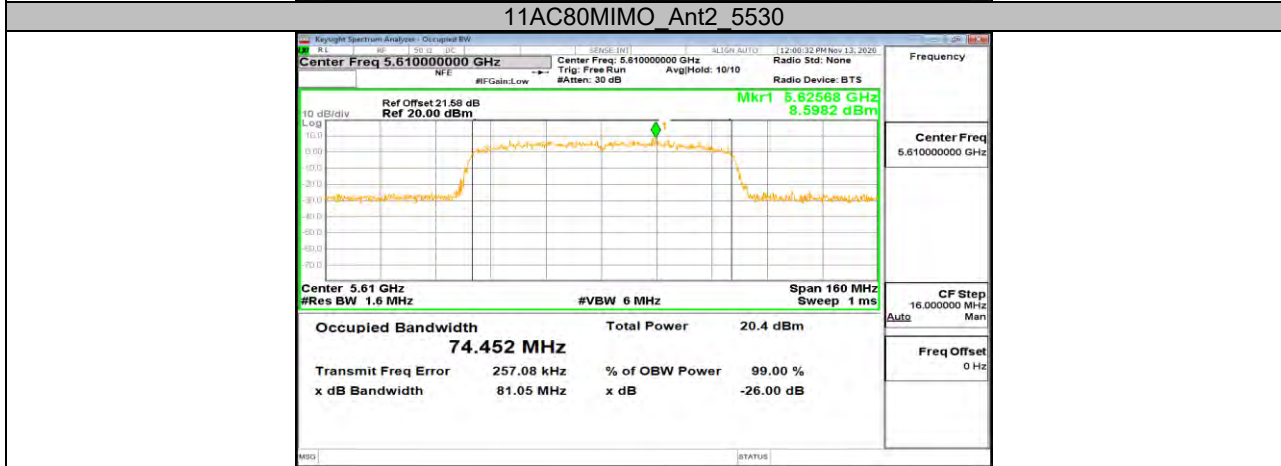
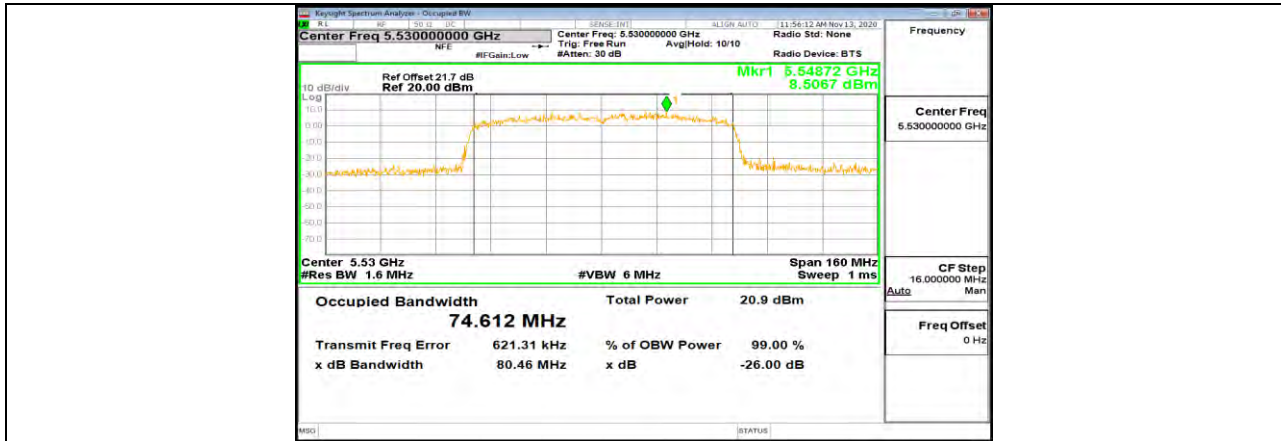


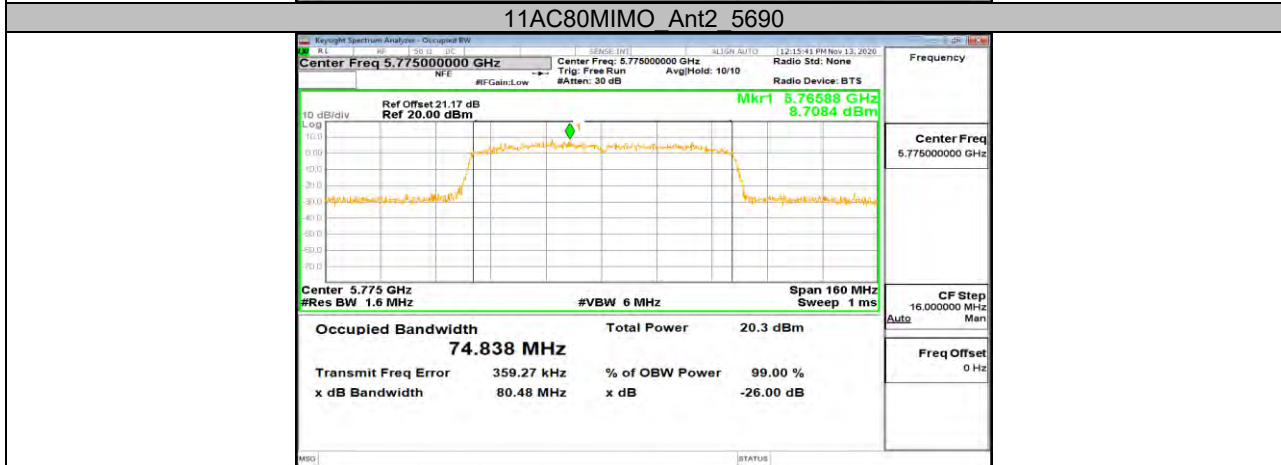
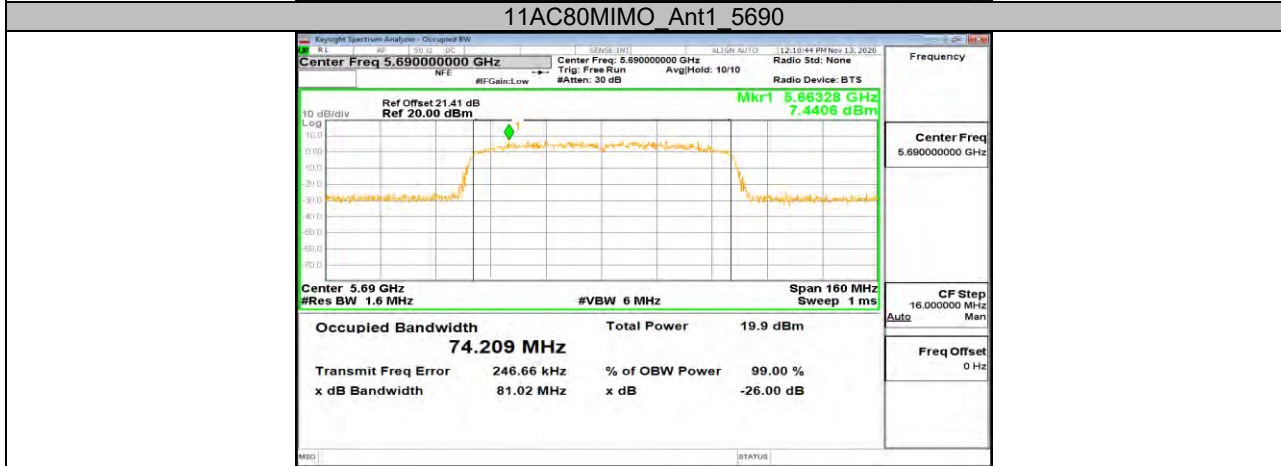
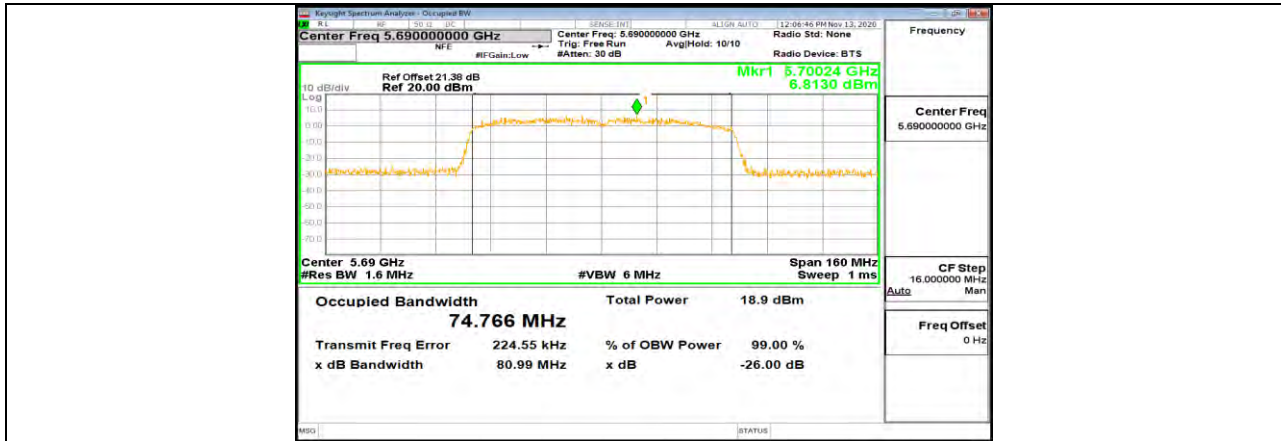


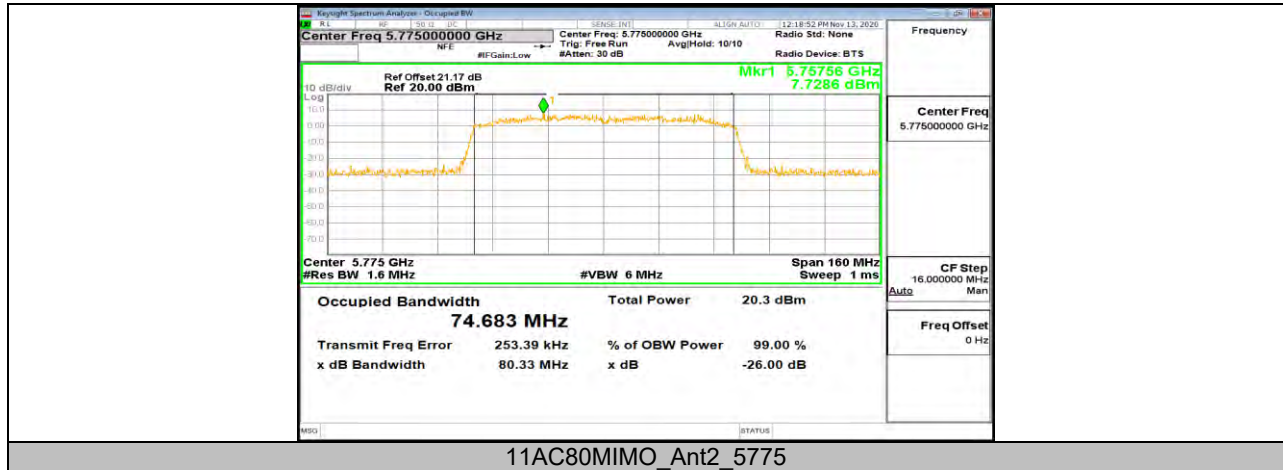












Appendix A3: Min emission bandwidth Test Result

Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720_UNII- 3	3.28	5725	5728.280	0.5	PASS
	Ant2	5720_UNII- 3	3.36	5725	5728.360	0.5	PASS
	Ant1	5745	16.480	5736.800	5753.280	0.5	PASS
	Ant2	5745	16.480	5736.800	5753.280	0.5	PASS
	Ant1	5785	16.520	5776.760	5793.280	0.5	PASS
	Ant2	5785	16.520	5776.760	5793.280	0.5	PASS
	Ant1	5825	16.520	5816.760	5833.280	0.5	PASS
	Ant2	5825	16.480	5816.800	5833.280	0.5	PASS
11N20MIMO	Ant1	5720_UNII- 3	4.12	5725	5729.120	0.5	PASS
	Ant2	5720_UNII- 3	4.08	5725	5729.080	0.5	PASS
	Ant1	5745	17.800	5736.280	5754.080	0.5	PASS
	Ant2	5745	17.680	5736.400	5754.080	0.5	PASS
	Ant1	5785	17.840	5776.280	5794.120	0.5	PASS
	Ant2	5785	17.760	5776.360	5794.120	0.5	PASS
	Ant1	5825	17.720	5816.320	5834.040	0.5	PASS
	Ant2	5825	17.720	5816.400	5834.120	0.5	PASS
11N40MIMO	Ant1	5710_UNII- 3	3.4	5725	5728.400	0.5	PASS
	Ant2	5710_UNII- 3	3.4	5725	5728.400	0.5	PASS
	Ant1	5755	36.560	5736.920	5773.480	0.5	PASS
	Ant2	5755	36.480	5737.000	5773.480	0.5	PASS
	Ant1	5795	36.560	5776.920	5813.480	0.5	PASS
	Ant2	5795	36.480	5777.000	5813.480	0.5	PASS
11AC20MIMO	Ant1	5720_UNII- 3	4.04	5725	5729.040	0.5	PASS
	Ant2	5720_UNII- 3	4.12	5725	5729.120	0.5	PASS
	Ant1	5745	17.800	5736.320	5754.120	0.5	PASS
	Ant2	5745	17.680	5736.400	5754.080	0.5	PASS
	Ant1	5785	17.760	5776.280	5794.040	0.5	PASS
	Ant2	5785	17.760	5776.320	5794.080	0.5	PASS
	Ant1	5825	17.760	5816.320	5834.080	0.5	PASS
	Ant2	5825	17.720	5816.360	5834.080	0.5	PASS
11AC40MIMO	Ant1	5710_UNII- 3	3.4	5725	5728.400	0.5	PASS
	Ant2	5710_UNII- 3	3.4	5725	5728.400	0.5	PASS
	Ant1	5755	36.480	5736.920	5773.400	0.5	PASS
	Ant2	5755	36.480	5737.000	5773.480	0.5	PASS
	Ant1	5795	36.560	5776.920	5813.480	0.5	PASS
	Ant2	5795	36.480	5777.000	5813.480	0.5	PASS
11AC80MIMO	Ant1	5690_UNII- 3	1.96	5725	5726.960	0.5	PASS
	Ant2	5690_UNII- 3	2.28	5725	5727.280	0.5	PASS
	Ant1	5775	75.680	5736.920	5812.600	0.5	PASS
	Ant2	5775	72.160	5738.200	5810.360	0.5	PASS

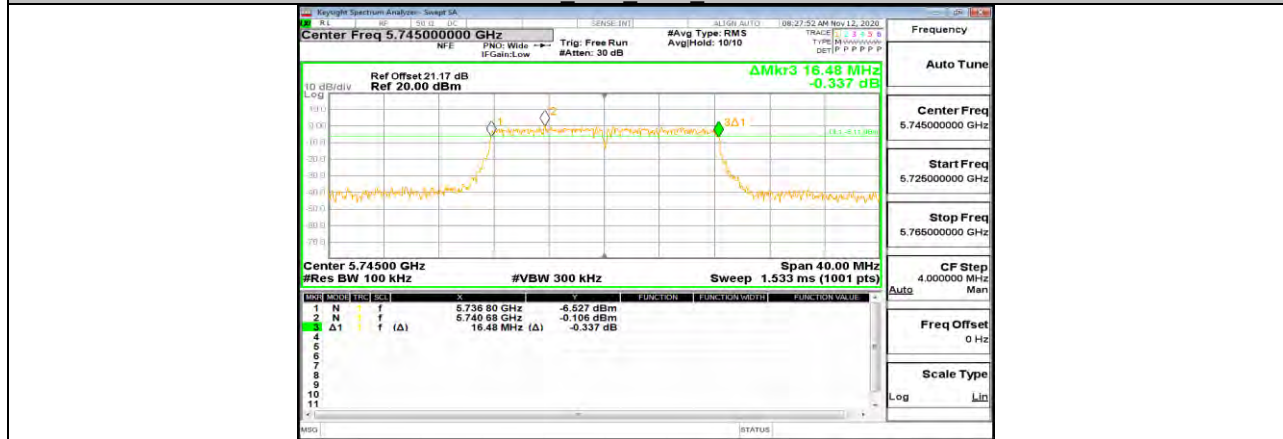
Test Graphs



11A Ant1 5720 UNII-3



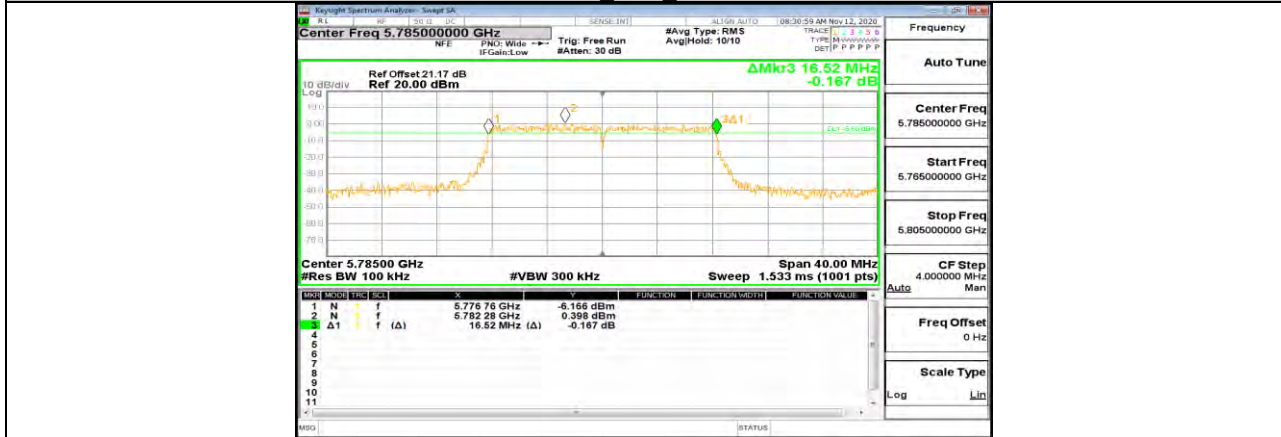
11A Ant2 5720 UNII-3



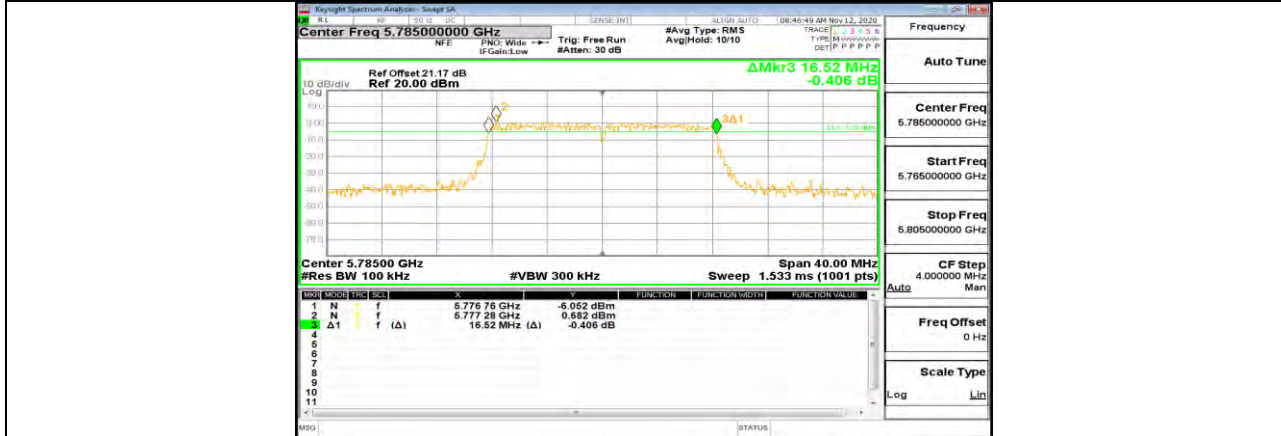
11A Ant1 5745



11A Ant2 5745



11A Ant1 5785



11A Ant2 5785



11A Ant1 5825



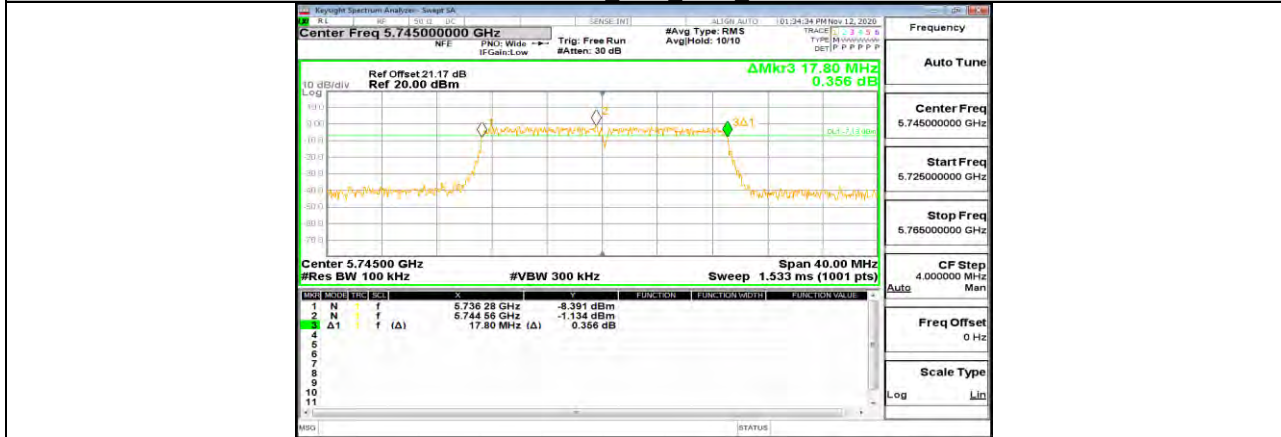
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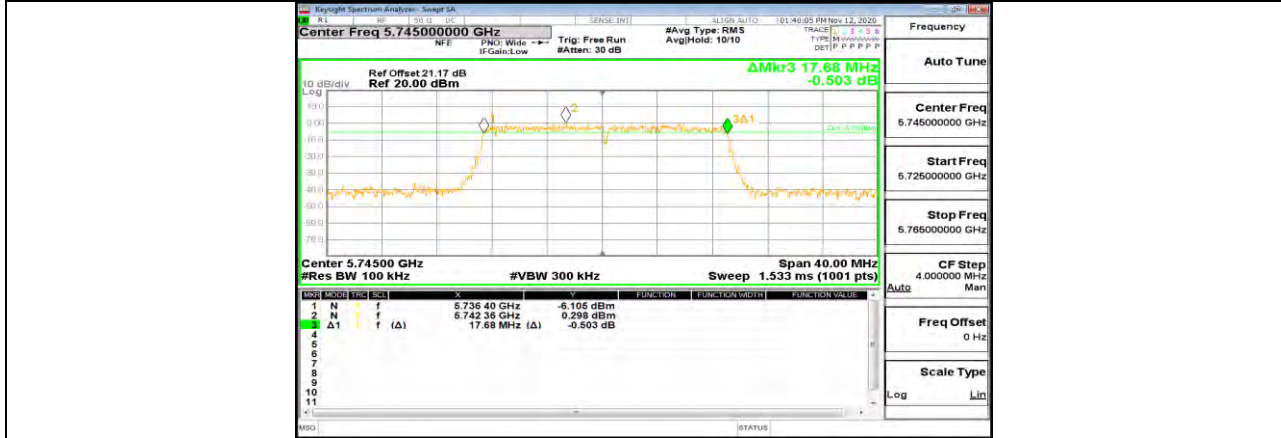
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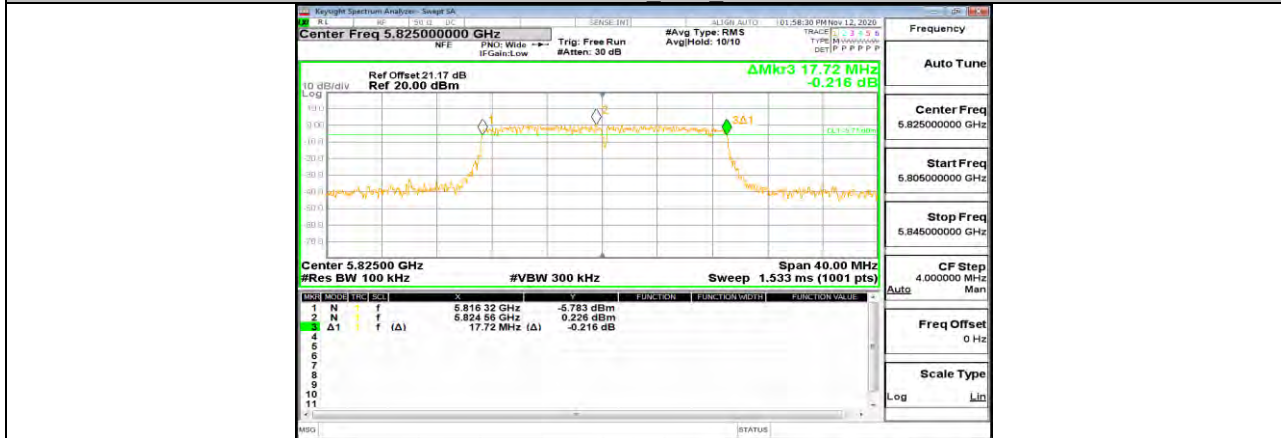
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