

12.2. Appendix A2: Occupied channel bandwidth

12.2.1. Test Result

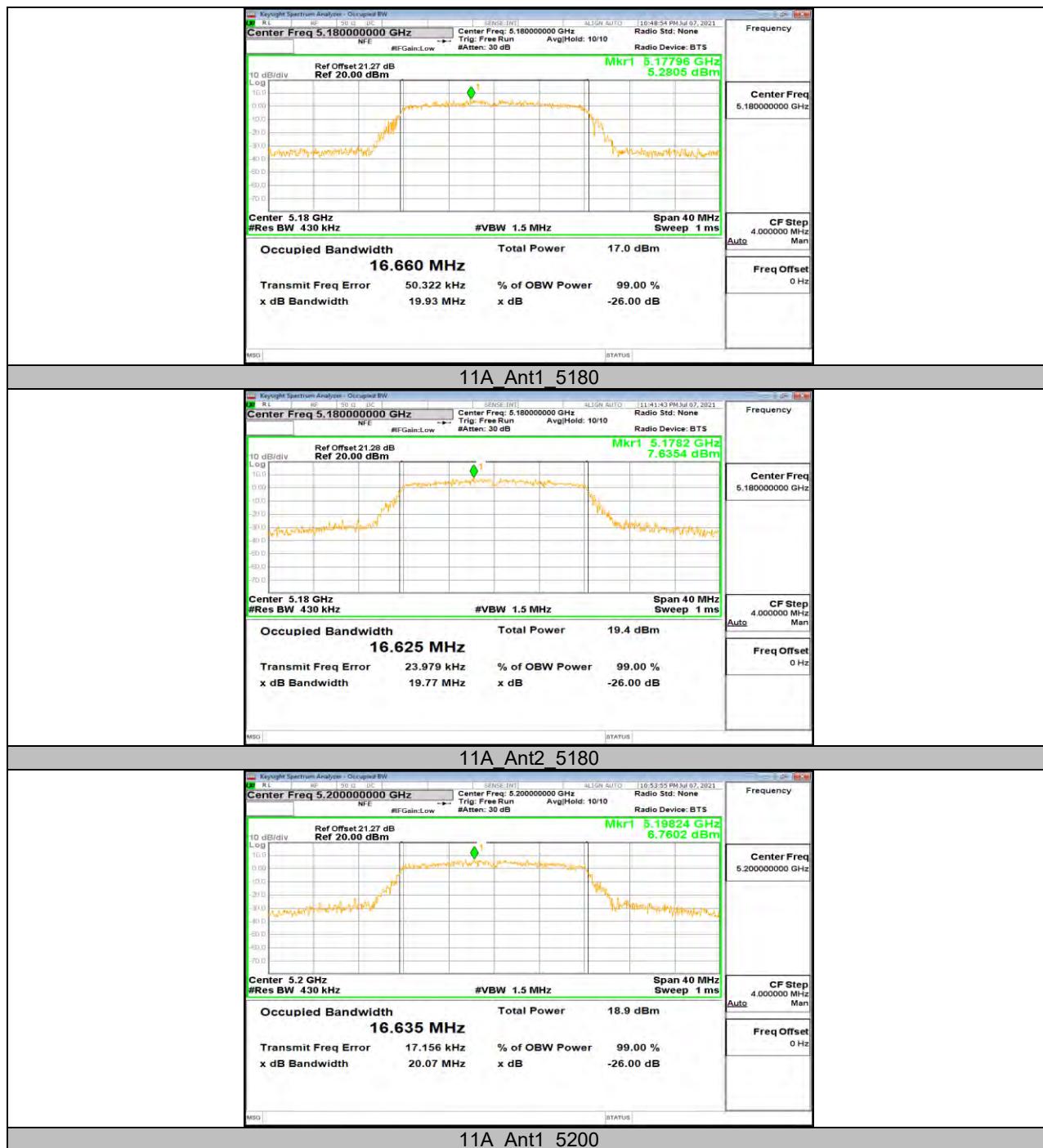
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A20	Ant1	5180	16.660	5171.720	5188.380	PASS
	Ant2	5180	16.625	5171.711	5188.336	PASS
	Ant1	5200	16.635	5191.700	5208.335	PASS
	Ant2	5200	16.627	5191.674	5208.301	PASS
	Ant1	5240	16.588	5231.688	5248.276	PASS
	Ant2	5240	16.480	5231.794	5248.274	PASS
	Ant1	5260	16.494	5251.753	5268.247	PASS
	Ant2	5260	16.626	5251.706	5268.332	PASS
	Ant1	5280	16.598	5271.670	5288.268	PASS
	Ant2	5280	16.538	5271.723	5288.261	PASS
	Ant1	5320	16.633	5311.634	5328.267	PASS
	Ant2	5320	16.515	5311.732	5328.247	PASS
	Ant1	5500	16.702	5491.676	5508.378	PASS
	Ant2	5500	16.626	5491.728	5508.354	PASS
	Ant1	5580	16.534	5571.718	5588.252	PASS
	Ant2	5580	16.605	5571.689	5588.294	PASS
	Ant1	5700	16.513	5691.705	5708.218	PASS
	Ant2	5700	16.521	5691.721	5708.242	PASS
	Ant1	5720	16.718	5711.526	5728.244	PASS
	Ant2	5720	16.483	5711.720	5728.203	PASS
	Ant1	5720 UNII-2C	13.474	5711.526	5725	PASS
	Ant2	5720 UNII-2C	13.28	5711.720	5725	PASS
	Ant1	5720 UNII-3	3.244	5725	5728.244	PASS
	Ant2	5720 UNII-3	3.203	5725	5728.203	PASS
	Ant1	5745	16.585	5736.702	5753.287	PASS
	Ant2	5745	16.564	5736.694	5753.258	PASS
	Ant1	5785	16.654	5776.642	5793.296	PASS
	Ant2	5785	16.598	5776.682	5793.280	PASS
	Ant1	5825	16.680	5816.681	5833.361	PASS
	Ant2	5825	16.538	5816.718	5833.256	PASS
11N20MIMO	Ant1	5180	17.684	5171.091	5188.775	PASS
	Ant2	5180	17.650	5171.121	5188.771	PASS
	Ant1	5200	17.752	5191.114	5208.866	PASS
	Ant2	5200	17.796	5191.001	5208.797	PASS
	Ant1	5240	17.712	5231.100	5248.812	PASS
	Ant2	5240	17.619	5231.150	5248.769	PASS
	Ant1	5260	17.659	5251.156	5268.815	PASS
	Ant2	5260	17.753	5251.066	5268.819	PASS
	Ant1	5280	17.698	5271.152	5288.850	PASS
	Ant2	5280	17.695	5271.160	5288.855	PASS
	Ant1	5320	17.663	5311.098	5328.761	PASS
	Ant2	5320	17.616	5311.170	5328.786	PASS
	Ant1	5500	17.674	5491.163	5508.837	PASS
	Ant2	5500	17.674	5491.121	5508.795	PASS
	Ant1	5580	17.707	5571.137	5588.844	PASS
	Ant2	5580	17.700	5571.143	5588.843	PASS
	Ant1	5700	17.652	5691.149	5708.801	PASS
	Ant2	5700	17.597	5691.206	5708.803	PASS
	Ant1	5720	17.627	5711.147	5728.774	PASS
	Ant2	5720	17.708	5711.102	5728.810	PASS
	Ant1	5720 UNII-2C	13.853	5711.147	5725	PASS
	Ant2	5720 UNII-2C	13.898	5711.102	5725	PASS
	Ant1	5720 UNII-3	3.774	5725	5728.774	PASS

11N40MIMO	Ant2	5720_UNII-3	3.81	5725	5728.810	PASS
	Ant1	5745	17.777	5736.154	5753.931	PASS
	Ant2	5745	17.752	5736.125	5753.877	PASS
	Ant1	5785	17.700	5776.147	5793.847	PASS
	Ant2	5785	17.667	5776.114	5793.781	PASS
	Ant1	5825	17.628	5816.119	5833.747	PASS
	Ant2	5825	17.616	5816.171	5833.787	PASS
	Ant1	5190	36.154	5171.896	5208.050	PASS
	Ant2	5190	35.986	5171.970	5207.956	PASS
	Ant1	5230	36.106	5211.880	5247.986	PASS
	Ant2	5230	36.142	5211.947	5248.089	PASS
	Ant1	5270	36.112	5251.882	5287.994	PASS
	Ant2	5270	36.116	5251.851	5287.967	PASS
11AC20MIMO	Ant1	5310	36.060	5291.963	5328.023	PASS
	Ant2	5310	35.952	5292.028	5327.980	PASS
	Ant1	5510	36.017	5491.948	5527.965	PASS
	Ant2	5510	36.089	5491.900	5527.989	PASS
	Ant1	5550	36.128	5531.917	5568.045	PASS
	Ant2	5550	36.029	5531.960	5567.989	PASS
	Ant1	5670	36.003	5651.940	5687.943	PASS
	Ant2	5670	36.045	5651.915	5687.960	PASS
	Ant1	5710	36.085	5691.850	5727.935	PASS
	Ant2	5710	35.941	5691.934	5727.875	PASS
	Ant1	5710_UNII-2C	33.15	5691.850	5725	PASS
	Ant2	5710_UNII-2C	33.066	5691.934	5725	PASS
	Ant1	5710_UNII-3	2.935	5725	5727.935	PASS
	Ant2	5710_UNII-3	2.875	5725	5727.875	PASS
11AC40MIMO	Ant1	5755	36.081	5736.916	5772.997	PASS
	Ant2	5755	36.026	5736.930	5772.956	PASS
	Ant1	5795	36.184	5776.793	5812.977	PASS
	Ant2	5795	36.032	5776.872	5812.904	PASS
	Ant1	5180	17.723	5171.084	5188.807	PASS
	Ant2	5180	17.673	5171.106	5188.779	PASS
	Ant1	5200	17.724	5191.131	5208.855	PASS
	Ant2	5200	17.635	5191.123	5208.758	PASS
	Ant1	5240	17.616	5231.132	5248.748	PASS
	Ant2	5240	17.578	5231.156	5248.734	PASS
	Ant1	5260	17.647	5251.116	5268.763	PASS
	Ant2	5260	17.676	5251.114	5268.790	PASS
	Ant1	5280	17.681	5271.131	5288.812	PASS
	Ant2	5280	17.627	5271.203	5288.830	PASS
	Ant1	5320	17.632	5311.125	5328.757	PASS
	Ant2	5320	17.716	5311.165	5328.881	PASS
	Ant1	5500	17.642	5491.195	5508.837	PASS
	Ant2	5500	17.676	5491.216	5508.892	PASS
	Ant1	5580	17.664	5571.203	5588.867	PASS
	Ant2	5580	17.656	5571.225	5588.881	PASS
11AC40MIMO	Ant1	5700	17.659	5691.164	5708.823	PASS
	Ant2	5700	17.589	5691.227	5708.816	PASS
	Ant1	5720	17.581	5711.106	5728.687	PASS
	Ant2	5720	17.625	5711.117	5728.742	PASS
	Ant1	5720_UNII-2C	13.894	5711.106	5725	PASS
	Ant2	5720_UNII-2C	13.883	5711.117	5725	PASS
	Ant1	5720_UNII-3	3.687	5725	5728.687	PASS
	Ant2	5720_UNII-3	3.742	5725	5728.742	PASS
	Ant1	5745	17.580	5736.197	5753.777	PASS
	Ant2	5745	17.658	5736.202	5753.860	PASS
	Ant1	5785	17.762	5776.128	5793.890	PASS
	Ant2	5785	17.690	5776.177	5793.867	PASS
	Ant1	5825	17.732	5816.168	5833.900	PASS
	Ant2	5825	17.730	5816.165	5833.895	PASS
11AC40MIMO	Ant1	5190	36.015	5172.086	5208.101	PASS



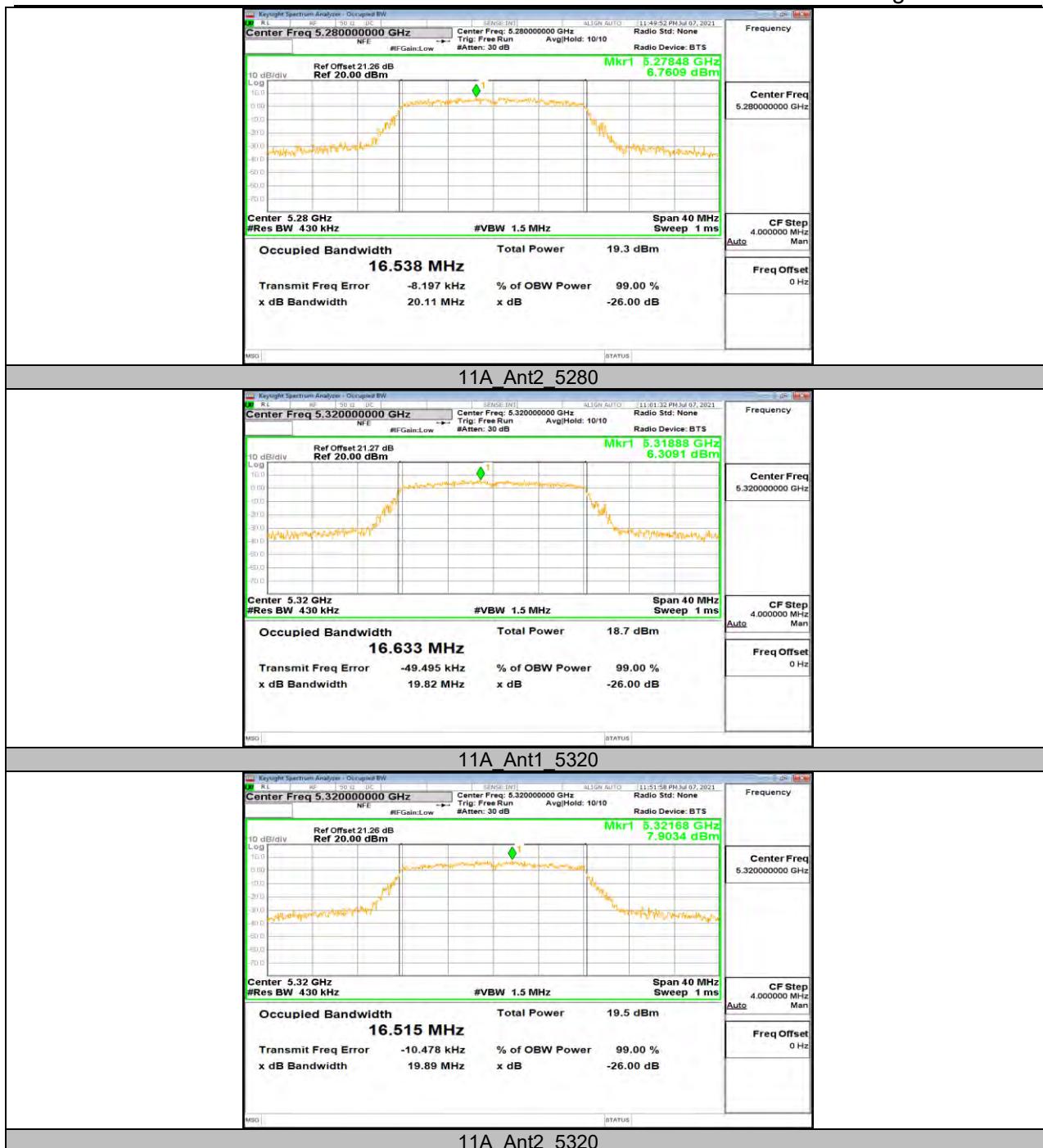
11AC80MIMO	Ant2	5190	36.035	5172.032	5208.067	PASS
	Ant1	5230	36.102	5211.987	5248.089	PASS
	Ant2	5230	36.212	5211.982	5248.194	PASS
	Ant1	5270	36.119	5251.955	5288.074	PASS
	Ant2	5270	36.057	5252.013	5288.070	PASS
	Ant1	5310	36.033	5292.045	5328.078	PASS
	Ant2	5310	35.990	5292.083	5328.073	PASS
	Ant1	5510	36.154	5492.003	5528.157	PASS
	Ant2	5510	36.096	5491.951	5528.047	PASS
	Ant1	5550	36.177	5531.970	5568.147	PASS
	Ant2	5550	36.048	5532.100	5568.148	PASS
	Ant1	5670	36.113	5652.050	5688.163	PASS
	Ant2	5670	36.140	5651.966	5688.106	PASS
	Ant1	5710	36.086	5691.879	5727.965	PASS
	Ant2	5710	36.006	5691.957	5727.963	PASS
	Ant1	5710_UNII-2C	33.121	5691.879	5725	PASS
	Ant2	5710_UNII-2C	33.043	5691.957	5725	PASS
	Ant1	5710_UNII-3	2.965	5725	5727.965	PASS
	Ant2	5710_UNII-3	2.963	5725	5727.963	PASS
	Ant1	5755	36.100	5736.943	5773.043	PASS
	Ant2	5755	36.118	5736.985	5773.103	PASS
	Ant1	5795	36.120	5776.961	5813.081	PASS
	Ant2	5795	36.096	5776.978	5813.074	PASS
	Ant1	5210	75.644	5172.279	5247.923	PASS
	Ant2	5210	75.671	5172.253	5247.924	PASS
	Ant1	5290	75.669	5252.313	5327.982	PASS
	Ant2	5290	75.726	5252.313	5328.039	PASS
	Ant1	5530	75.410	5492.457	5567.867	PASS
	Ant2	5530	75.535	5492.382	5567.917	PASS
	Ant1	5610	75.570	5572.345	5647.915	PASS
	Ant2	5610	75.518	5572.357	5647.875	PASS
	Ant1	5690	75.778	5652.027	5727.805	PASS
	Ant2	5690	75.645	5652.040	5727.685	PASS
	Ant1	5690_UNII-2C	72.973	5652.027	5725	PASS
	Ant2	5690_UNII-2C	72.96	5652.040	5725	PASS
	Ant1	5690_UNII-3	2.805	5725	5727.805	PASS
	Ant2	5690_UNII-3	2.685	5725	5727.685	PASS
	Ant1	5775	75.746	5737.147	5812.893	PASS
	Ant2	5775	75.502	5737.333	5812.835	PASS

12.2.2. Test Graphs





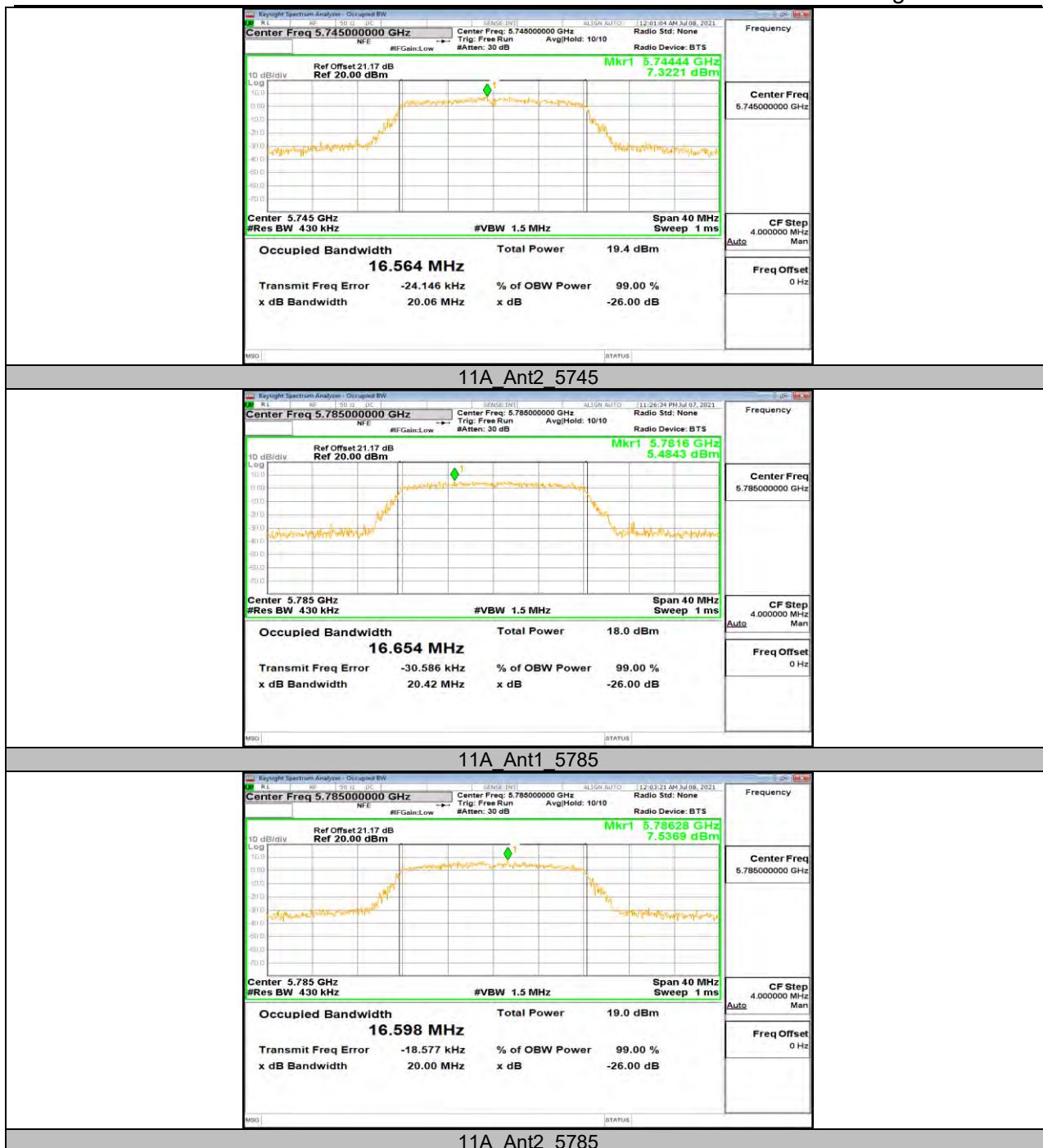




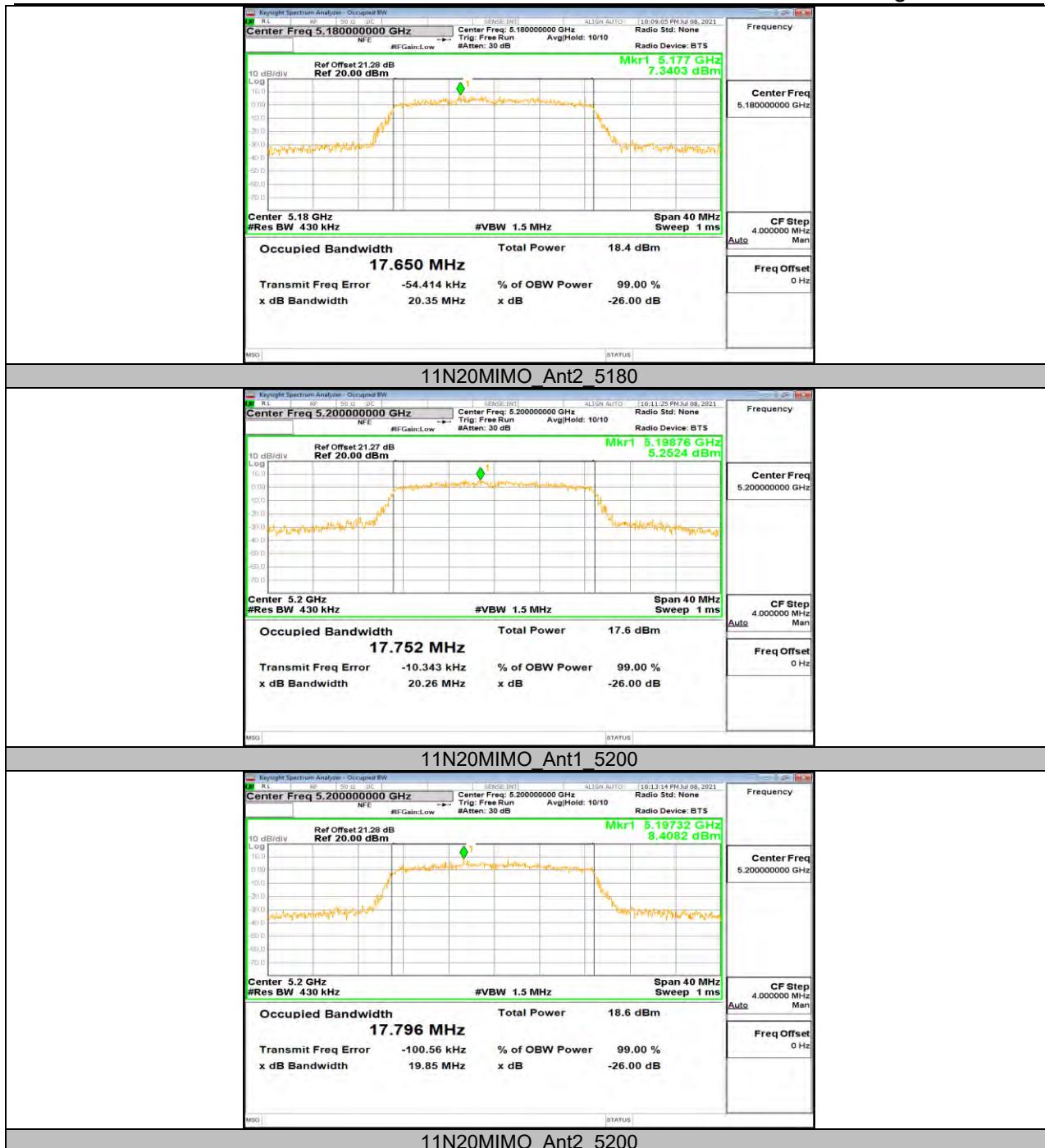






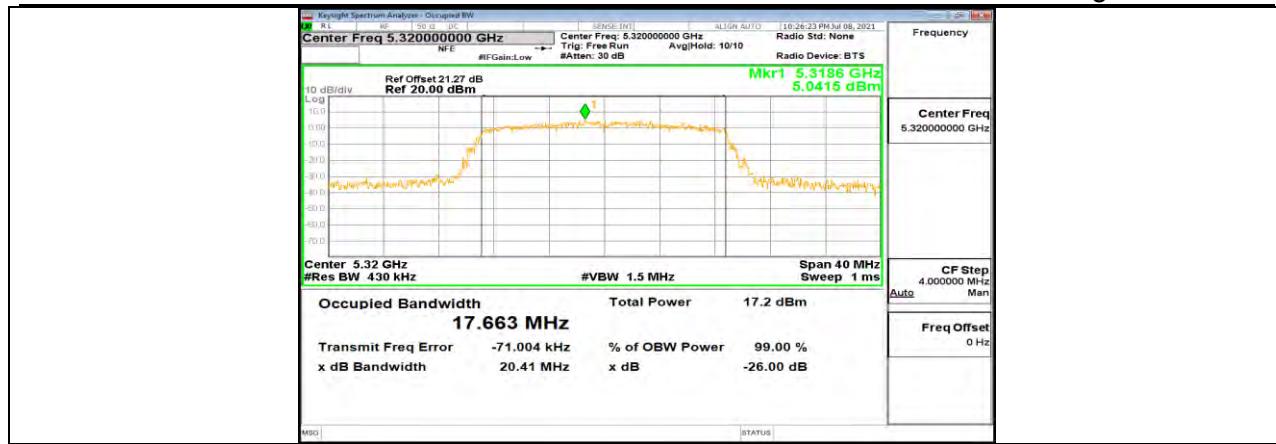




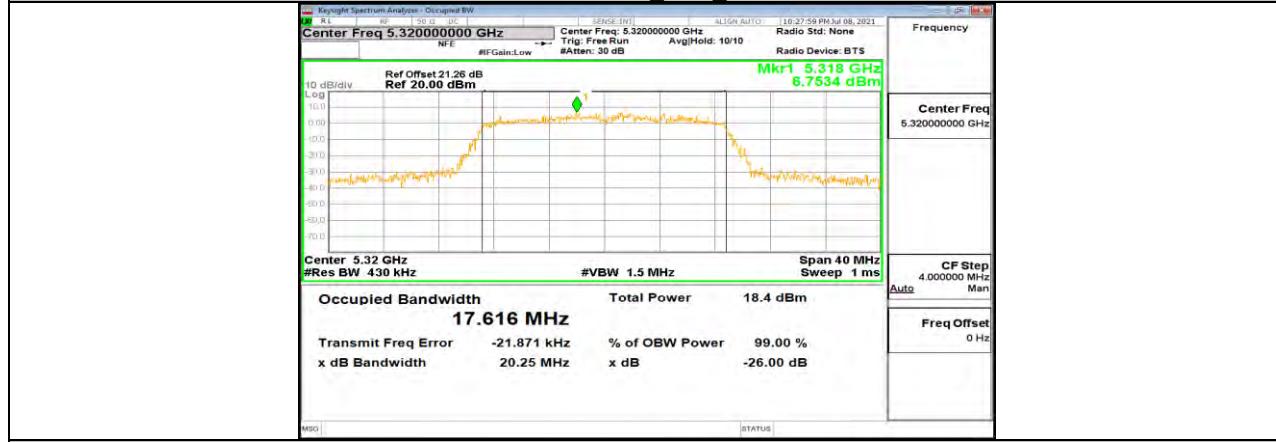




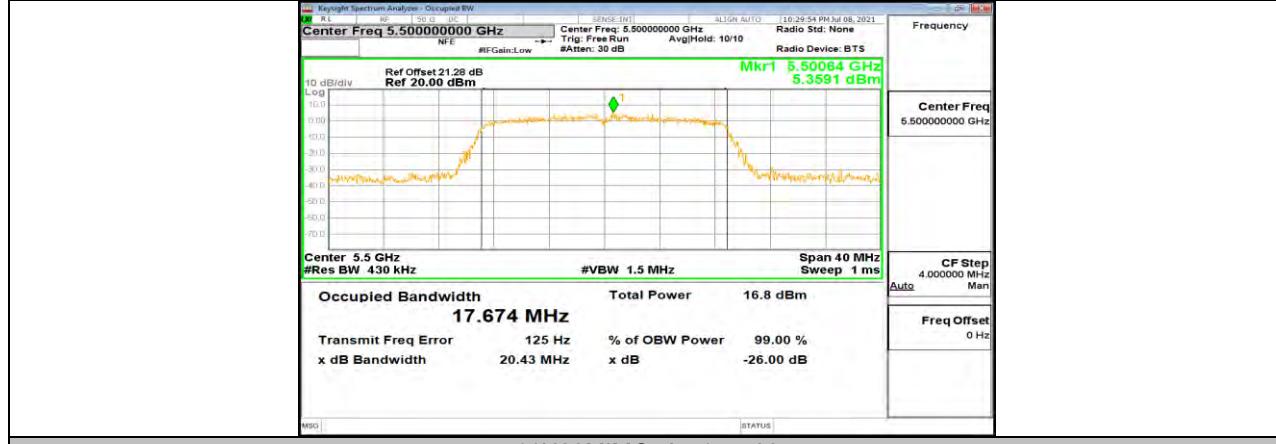




11N20MIMO_Ant1 5320



11N20MIMO Ant2 5320



11N20MIMO_Ant1_5500



















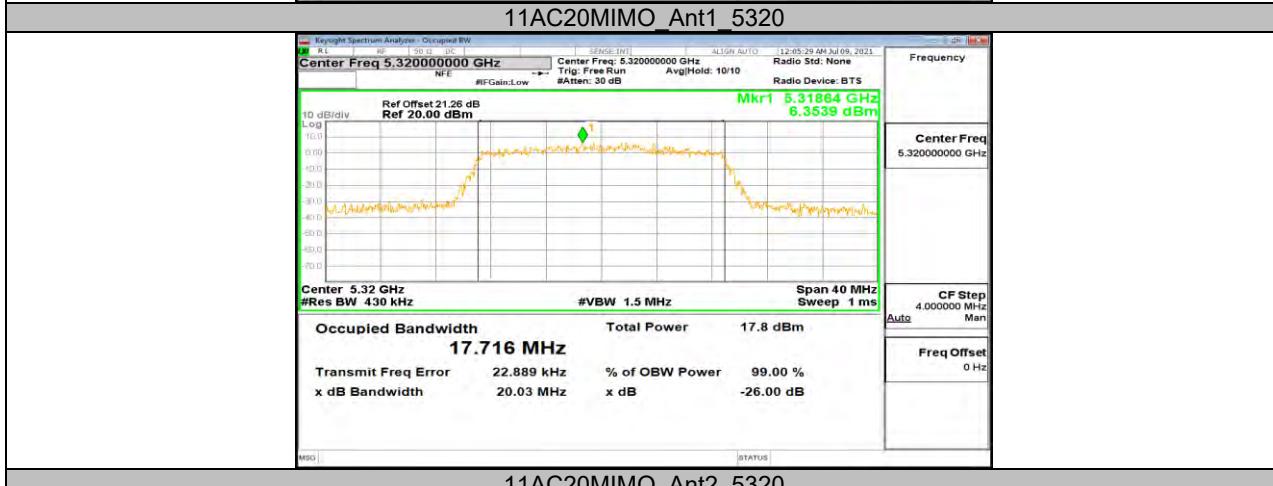
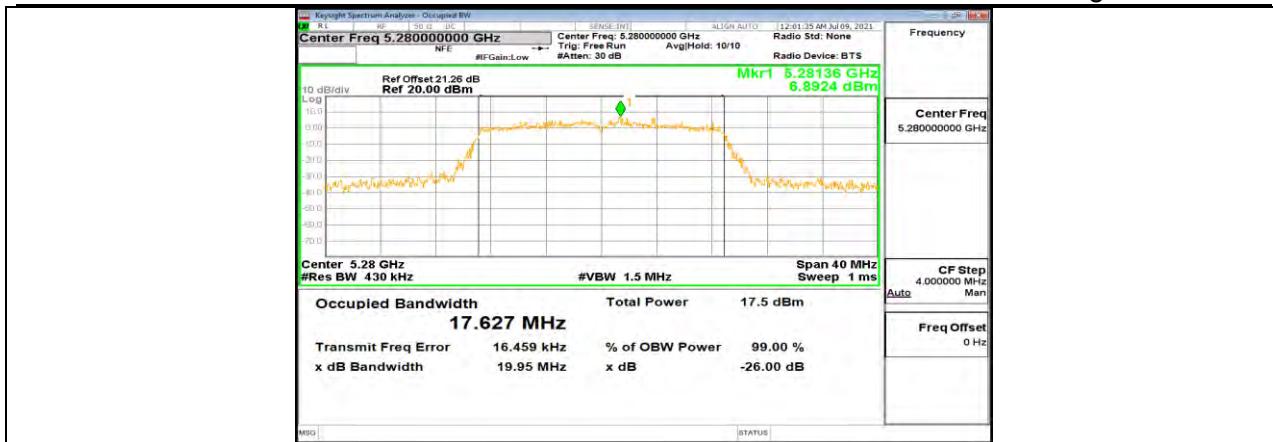












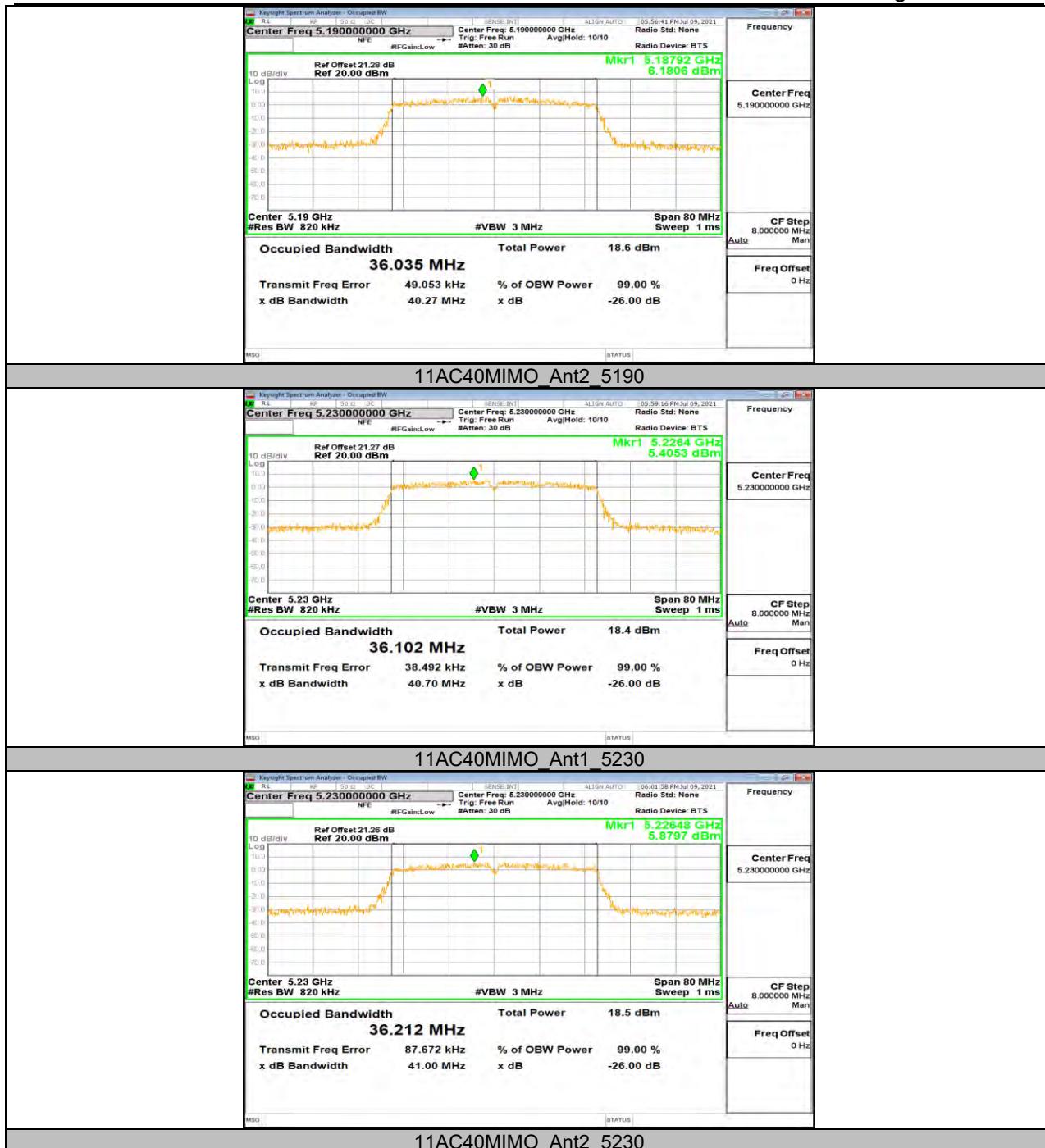




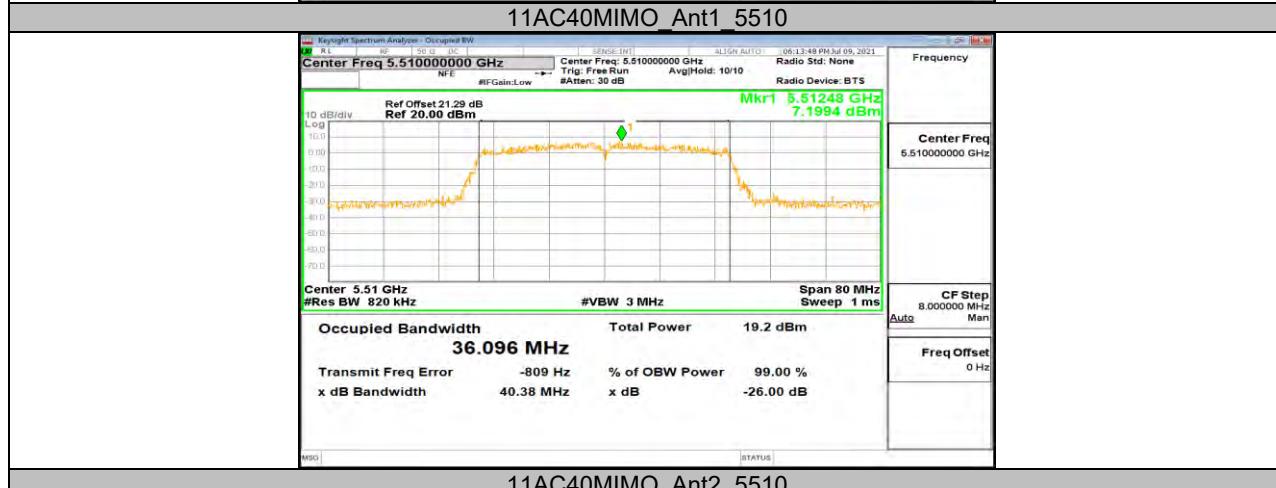
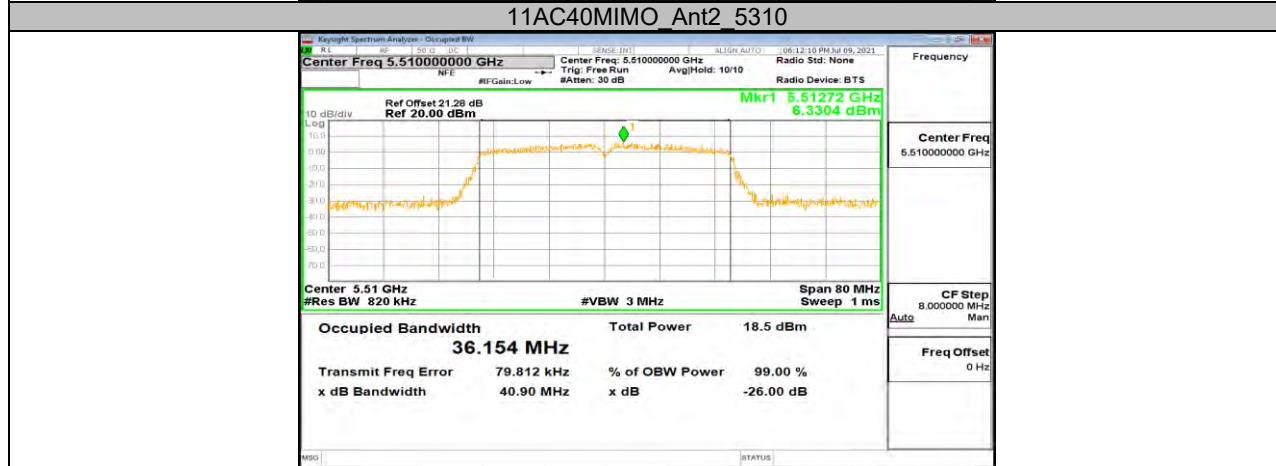
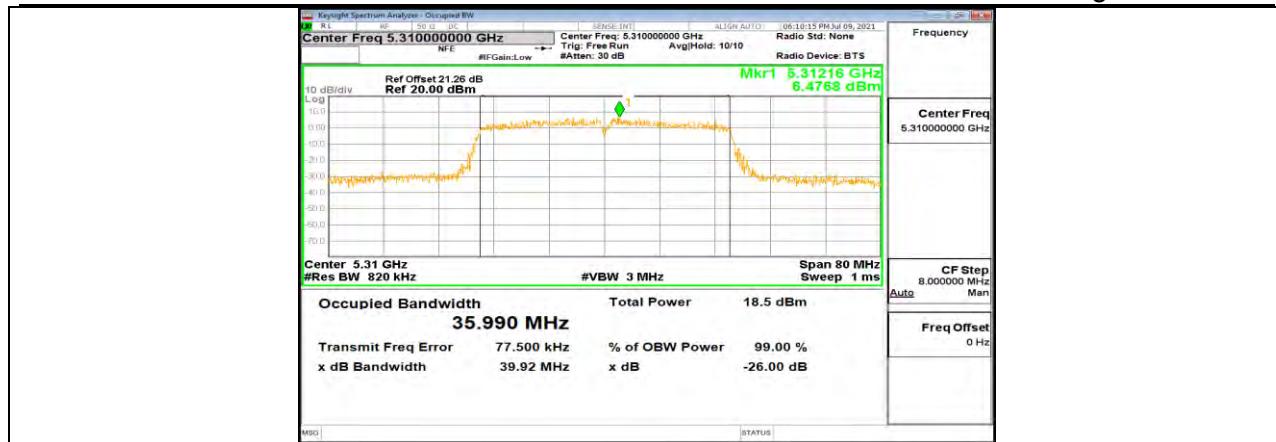


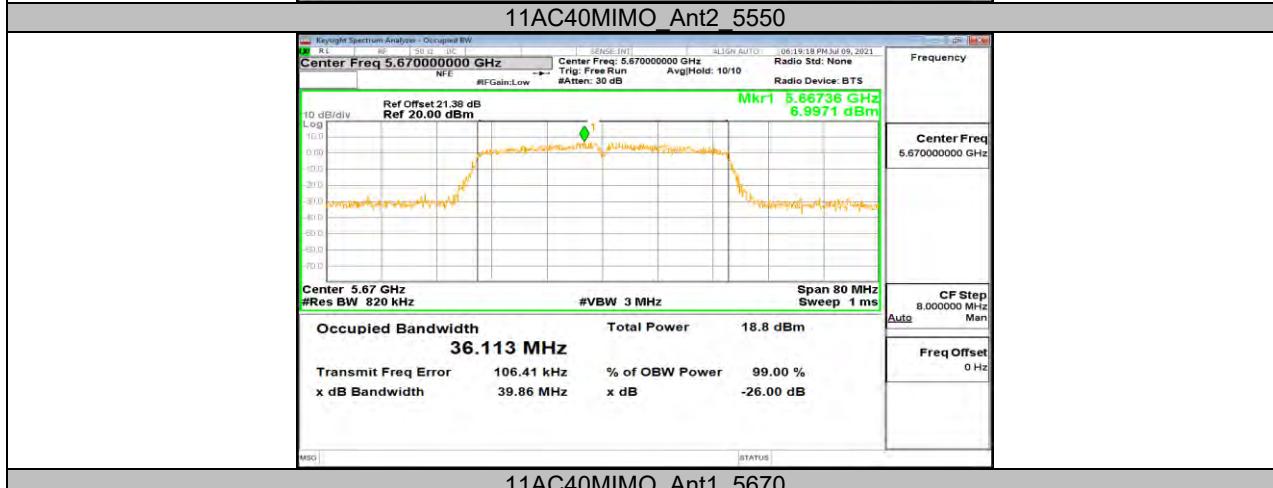
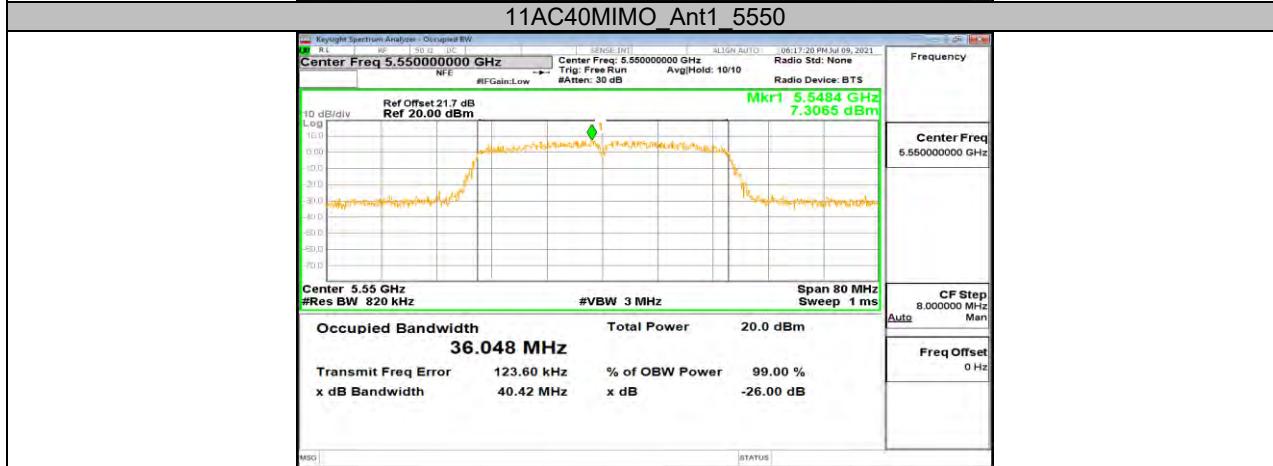
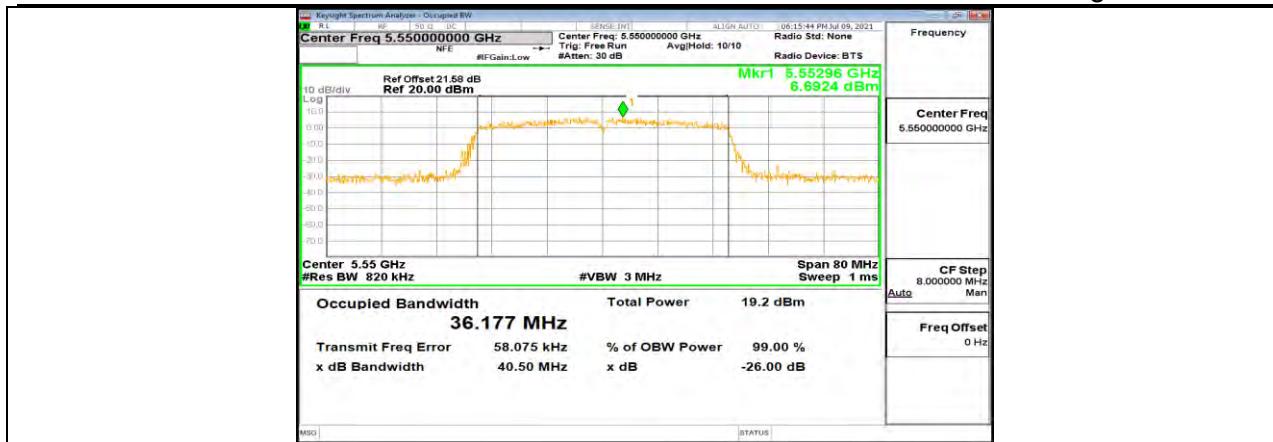










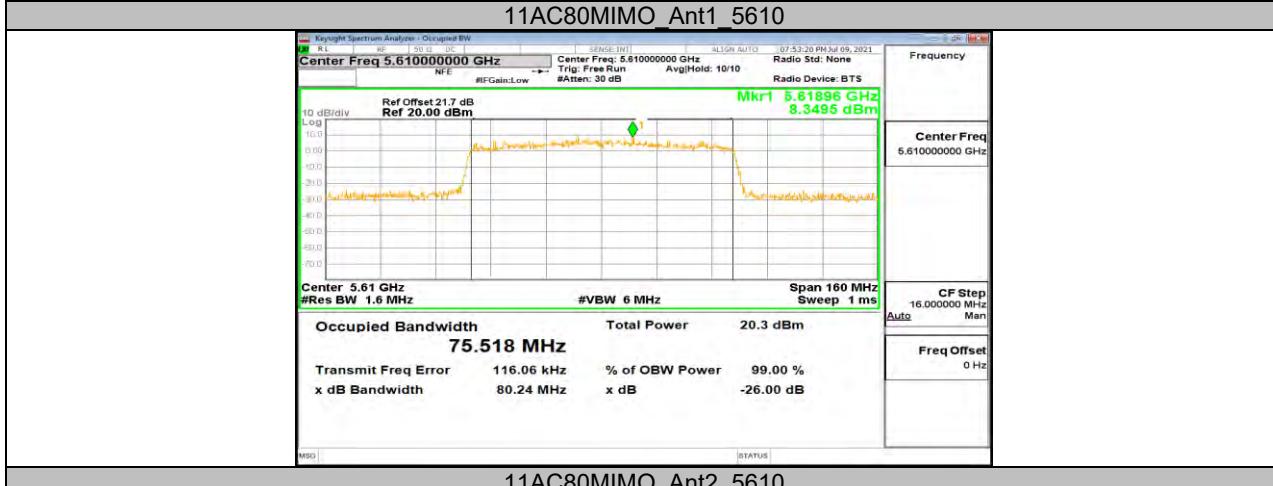
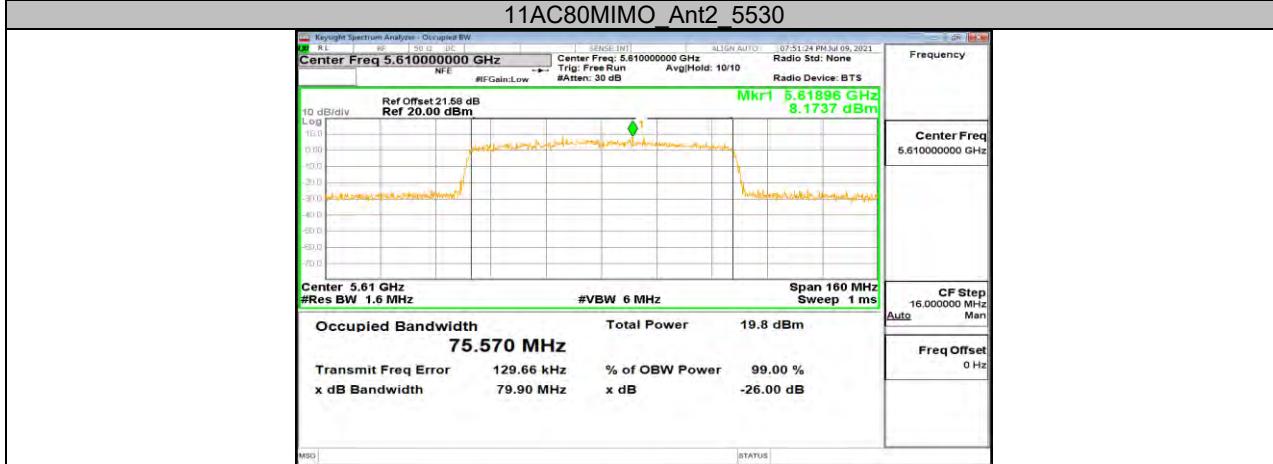
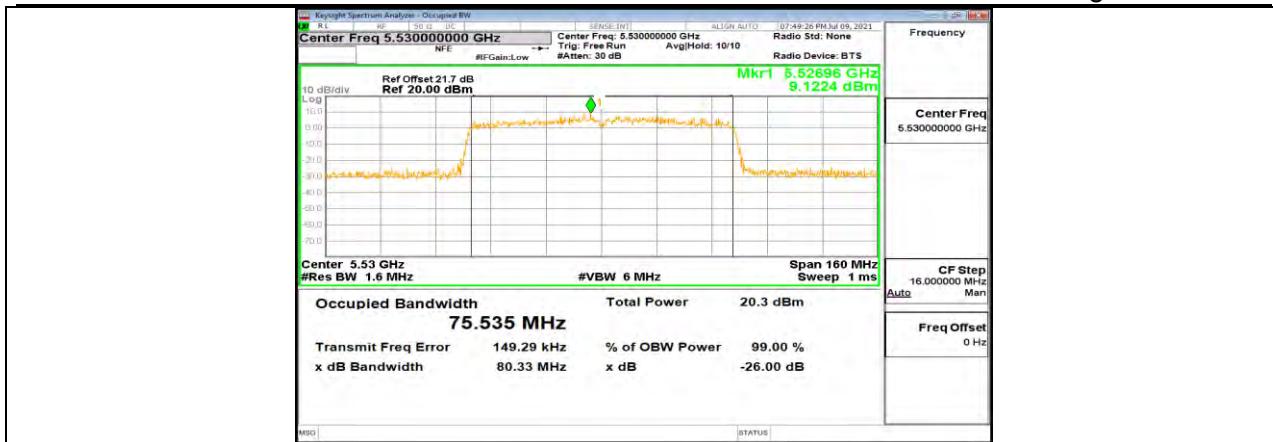




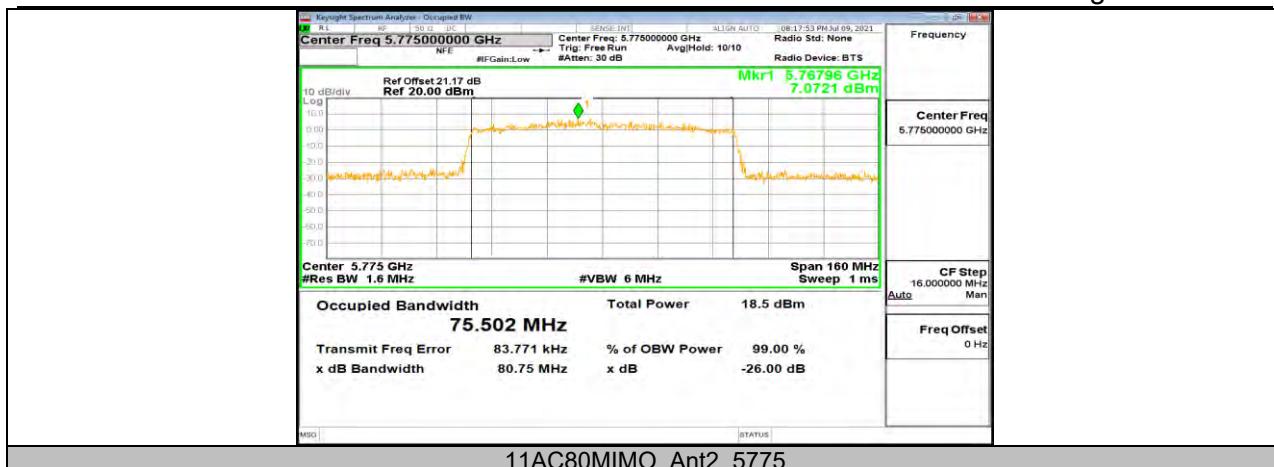












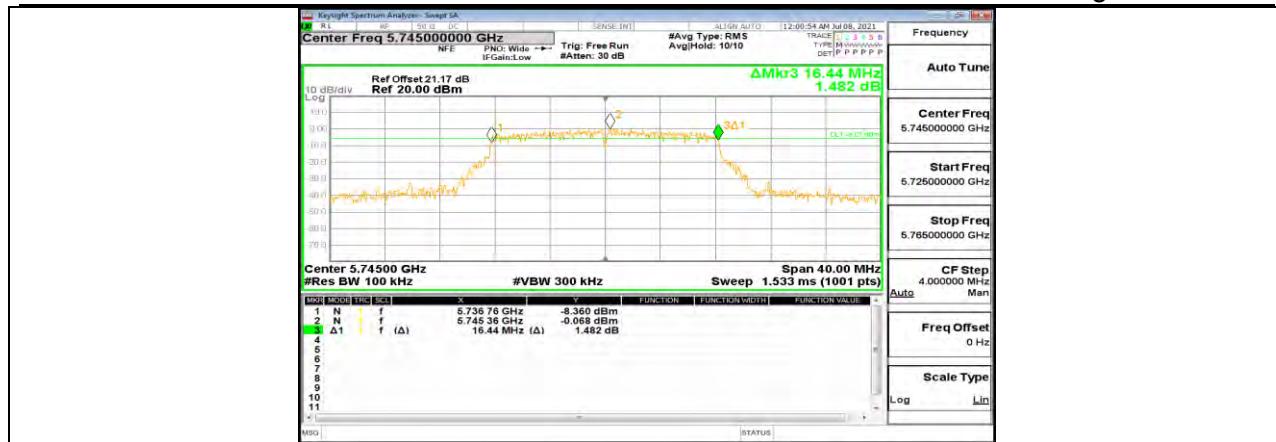
12.3. Appendix A3: Min emission bandwidth

12.3.1. Test Result

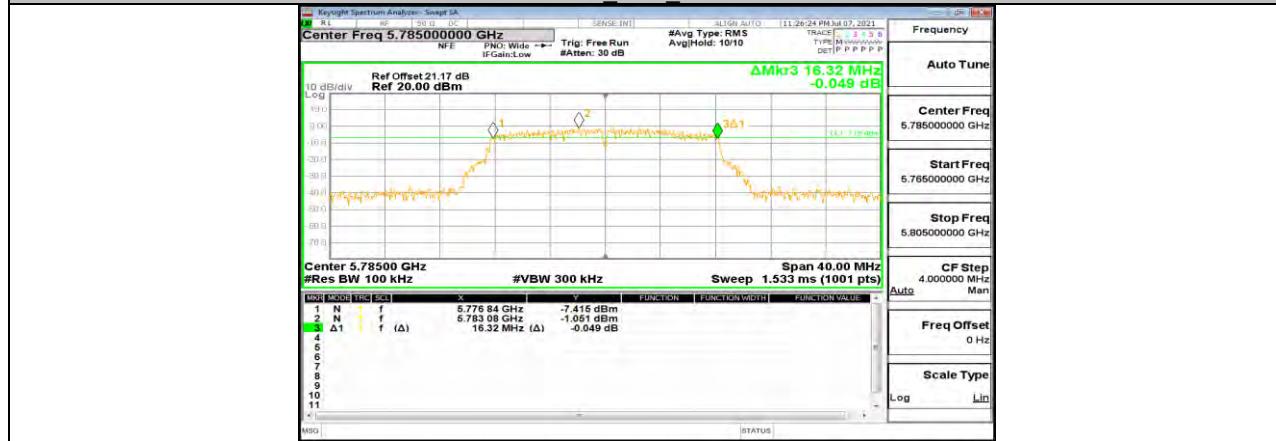
Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A20	Ant1	5720_UNII-3	3.16	5725	5728.160	0.5	PASS
	Ant2	5720_UNII-3	2.56	5725	5727.560	0.5	PASS
	Ant1	5745	16.000	5736.800	5752.800	0.5	PASS
	Ant2	5745	16.440	5736.760	5753.200	0.5	PASS
	Ant1	5785	16.320	5776.840	5793.160	0.5	PASS
	Ant2	5785	16.200	5776.760	5792.960	0.5	PASS
	Ant1	5825	16.240	5816.920	5833.160	0.5	PASS
	Ant2	5825	16.400	5816.800	5833.200	0.5	PASS
11N20MIMO	Ant1	5720_UNII-3	3.48	5725	5728.480	0.5	PASS
	Ant2	5720_UNII-3	3.52	5725	5728.520	0.5	PASS
	Ant1	5745	17.360	5736.440	5753.800	0.5	PASS
	Ant2	5745	16.640	5736.800	5753.440	0.5	PASS
	Ant1	5785	17.640	5776.160	5793.800	0.5	PASS
	Ant2	5785	17.560	5776.240	5793.800	0.5	PASS
	Ant1	5825	17.560	5816.240	5833.800	0.5	PASS
	Ant2	5825	17.200	5816.200	5833.400	0.5	PASS
11N40MIMO	Ant1	5710_UNII-3	2.36	5725	5727.360	0.5	PASS
	Ant2	5710_UNII-3	1.96	5725	5726.960	0.5	PASS
	Ant1	5755	35.920	5737.000	5772.920	0.5	PASS
	Ant2	5755	35.120	5737.400	5772.520	0.5	PASS
	Ant1	5795	35.760	5776.760	5812.520	0.5	PASS
	Ant2	5795	36.080	5777.160	5813.240	0.5	PASS
11AC20MIMO	Ant1	5720_UNII-3	3.4	5725	5728.400	0.5	PASS
	Ant2	5720_UNII-3	3.8	5725	5728.800	0.5	PASS
	Ant1	5745	17.000	5736.800	5753.800	0.5	PASS
	Ant2	5745	17.000	5736.840	5753.840	0.5	PASS
	Ant1	5785	16.600	5776.600	5793.200	0.5	PASS
	Ant2	5785	17.640	5776.160	5793.800	0.5	PASS
	Ant1	5825	17.120	5816.480	5833.600	0.5	PASS
	Ant2	5825	17.680	5816.160	5833.840	0.5	PASS
11AC40MIMO	Ant1	5710_UNII-3	3.16	5725	5728.160	0.5	PASS
	Ant2	5710_UNII-3	2.6	5725	5727.600	0.5	PASS
	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant2	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant1	5795	35.200	5777.400	5812.600	0.5	PASS
	Ant2	5795	35.200	5777.400	5812.600	0.5	PASS
11AC80MIMO	Ant1	5690_UNII-3	2.6	5725	5727.600	0.5	PASS
	Ant2	5690_UNII-3	2.6	5725	5727.600	0.5	PASS
	Ant1	5775	75.520	5737.240	5812.760	0.5	PASS
	Ant2	5775	75.360	5737.240	5812.600	0.5	PASS

12.3.2. Test Graphs





11A_Ant2_5745



11A_Ant1_5785



11A Ant2 5785

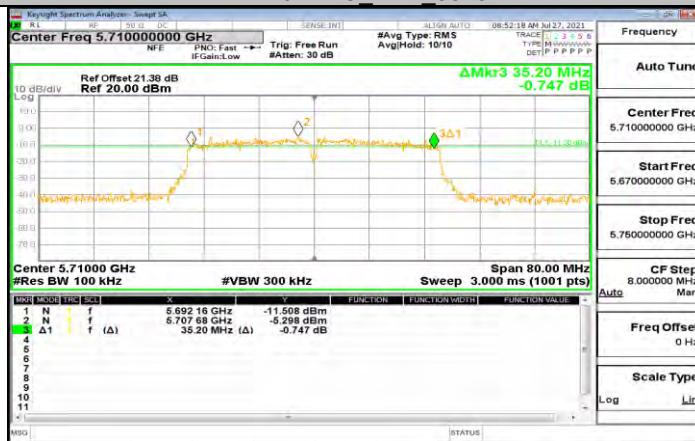








11N20MIMO Ant2 5825



11N20MIMO Ant2 5710 UNII-3



11N40MIMO Ant2 5710 UNII-3







