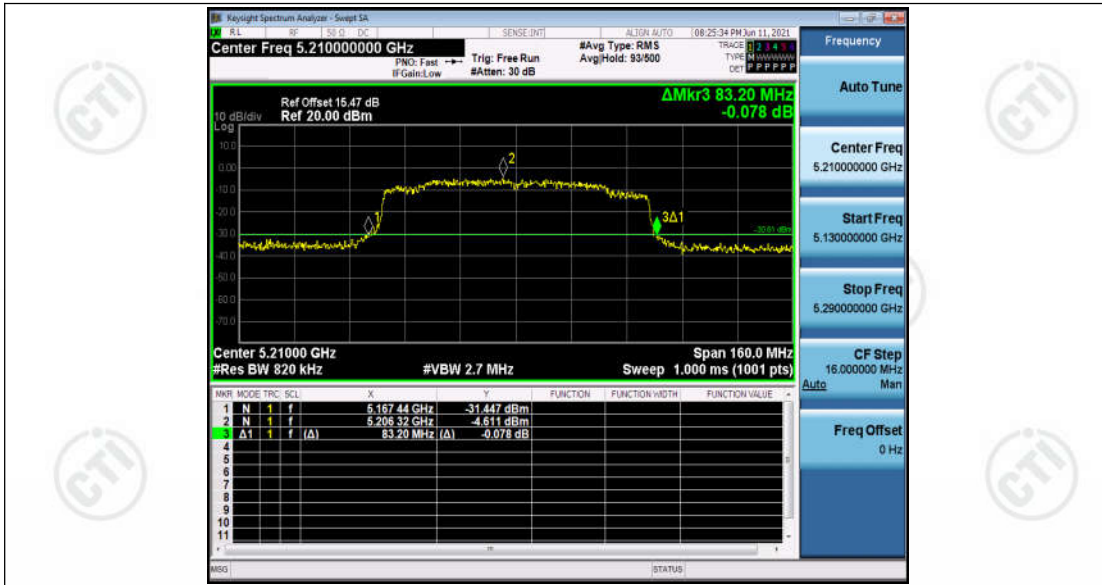




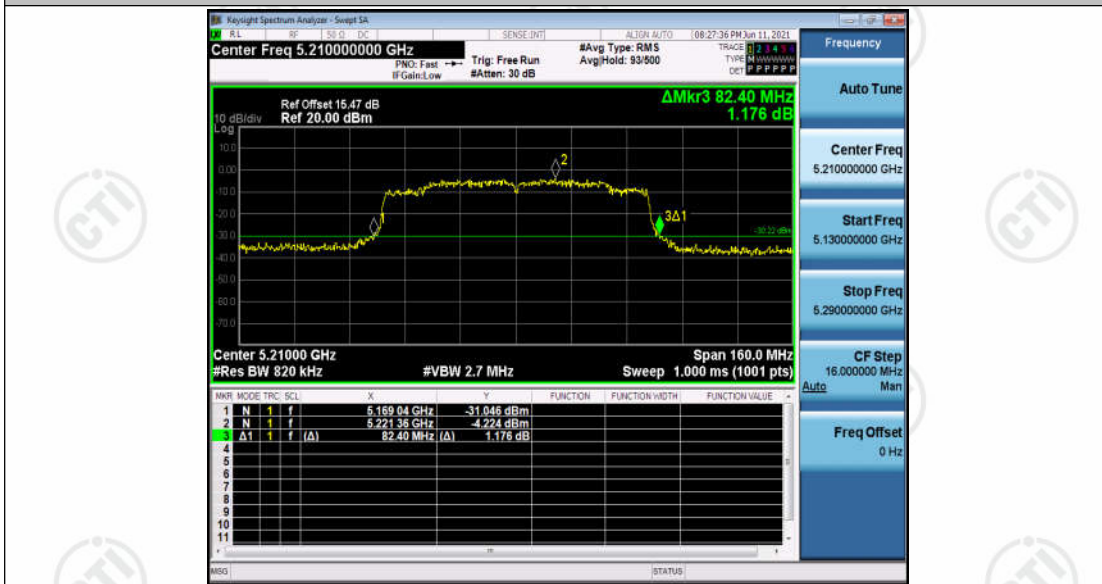
11AC40MIMO_Ant1_5795



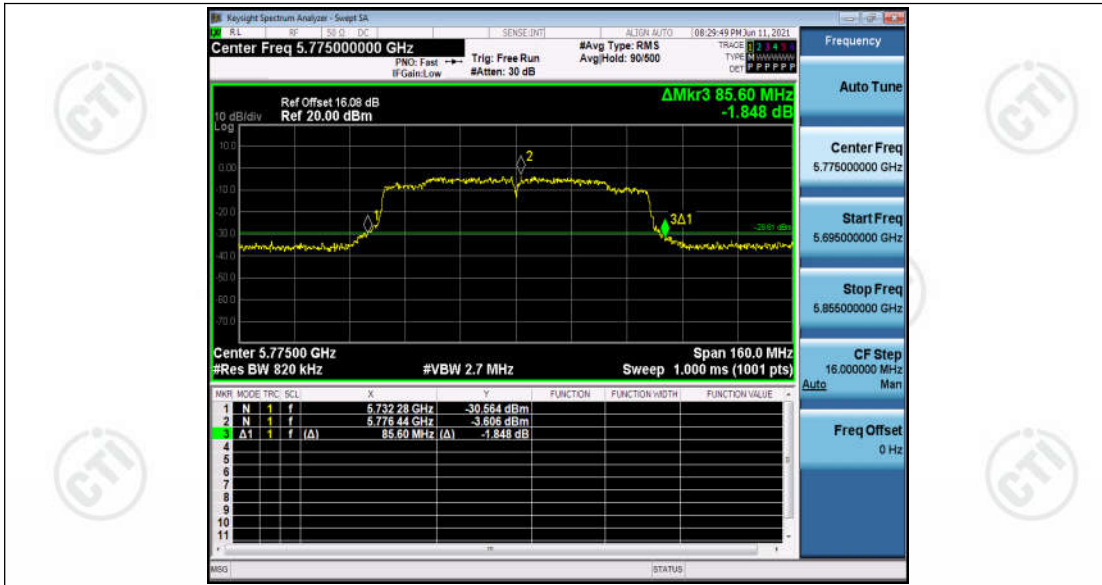
11AC40MIMO_Ant2_5795



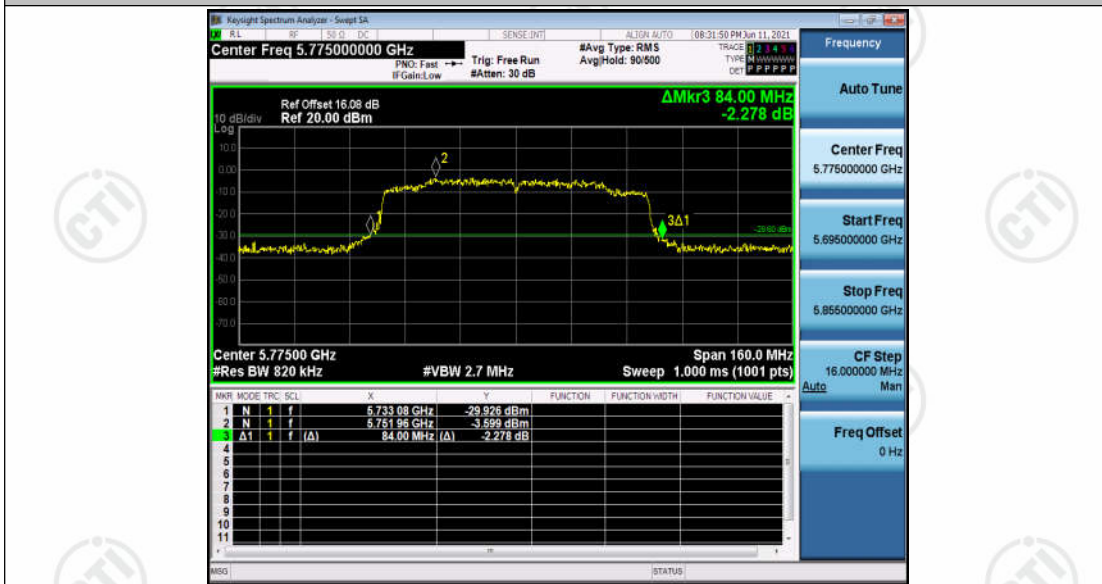
11AC80MIMO_Ant1_5210



11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

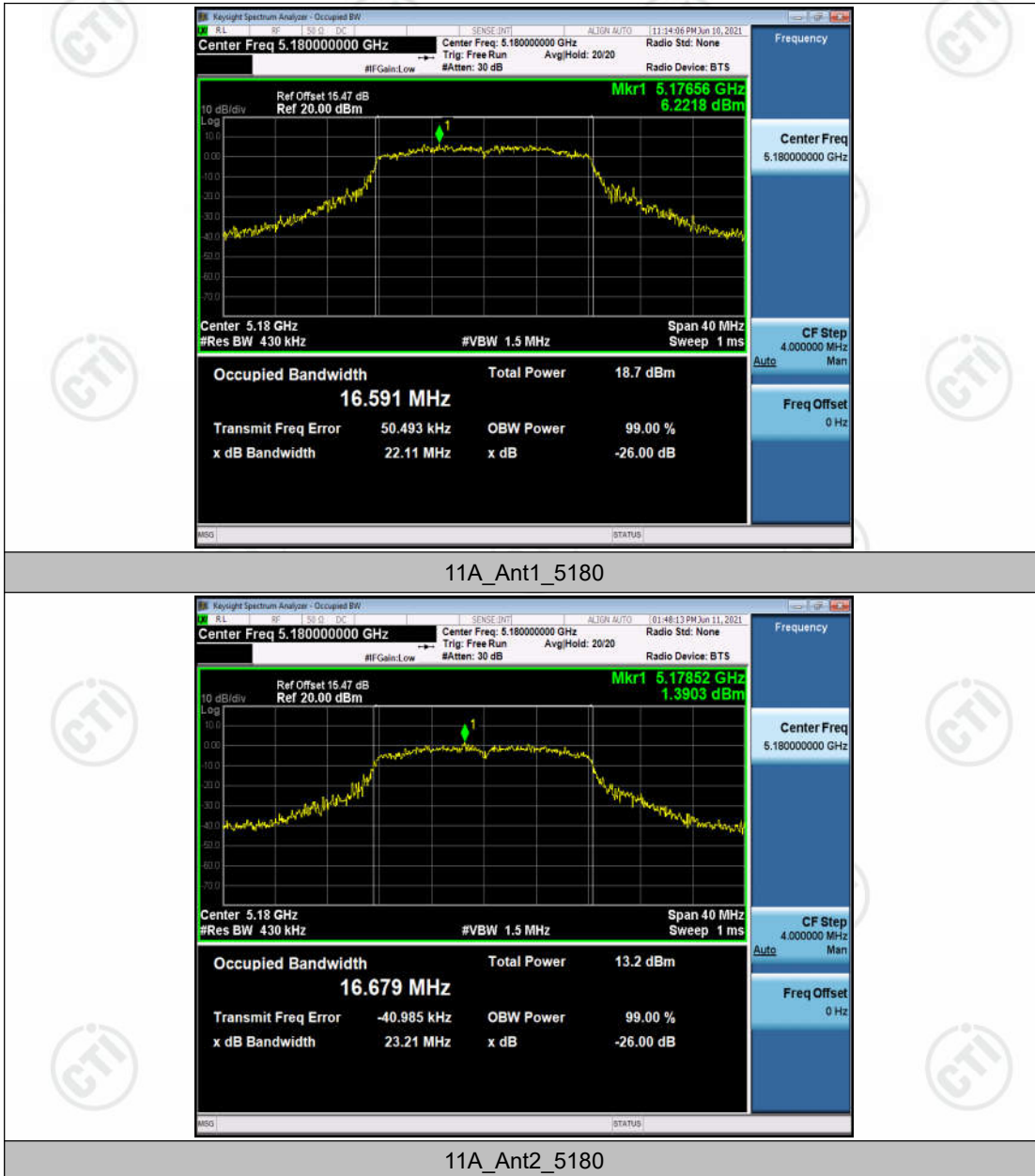
Appendix A2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.591	5171.755	5188.346	---	PASS
	Ant2	5180	16.679	5171.620	5188.299	---	PASS
	Ant1	5200	16.615	5191.710	5208.325	---	PASS
	Ant2	5200	16.744	5191.662	5208.406	---	PASS
	Ant1	5240	16.658	5231.620	5248.278	---	PASS
	Ant2	5240	16.733	5231.553	5248.286	---	PASS
	Ant1	5745	16.660	5736.631	5753.291	---	PASS
	Ant2	5745	16.657	5736.630	5753.287	---	PASS
	Ant1	5785	16.695	5776.655	5793.350	---	PASS
	Ant2	5785	16.589	5776.701	5793.290	---	PASS
	Ant1	5825	16.727	5816.725	5833.452	---	PASS
	Ant2	5825	16.693	5816.636	5833.329	---	PASS
11N20SISO	Ant1	5180	17.796	5171.113	5188.909	---	PASS
	Ant2	5180	17.897	5171.090	5188.987	---	PASS
	Ant1	5200	17.812	5191.078	5208.890	---	PASS
	Ant2	5200	17.831	5191.147	5208.978	---	PASS
	Ant1	5240	17.752	5231.101	5248.853	---	PASS
	Ant2	5240	17.912	5231.088	5249.000	---	PASS
	Ant1	5745	17.815	5736.052	5753.867	---	PASS
	Ant2	5745	17.761	5736.099	5753.860	---	PASS
	Ant1	5785	17.728	5776.110	5793.838	---	PASS
	Ant2	5785	17.821	5776.067	5793.888	---	PASS
	Ant1	5825	17.800	5816.124	5833.924	---	PASS
	Ant2	5825	17.795	5816.062	5833.857	---	PASS
11N40SISO	Ant1	5190	36.176	5171.974	5208.150	---	PASS
	Ant2	5190	36.296	5171.907	5208.203	---	PASS
	Ant1	5230	36.082	5211.908	5247.990	---	PASS
	Ant2	5230	36.277	5211.916	5248.193	---	PASS
	Ant1	5755	36.317	5736.786	5773.103	---	PASS
	Ant2	5755	36.171	5736.842	5773.013	---	PASS
	Ant1	5795	36.237	5776.842	5813.079	---	PASS
	Ant2	5795	36.154	5776.888	5813.042	---	PASS
11AC20SISO	Ant1	5180	17.817	5171.076	5188.893	---	PASS
	Ant2	5180	17.729	5171.150	5188.879	---	PASS
	Ant1	5200	17.822	5191.075	5208.897	---	PASS

	Ant2	5200	17.834	5191.091	5208.925	---	PASS
	Ant1	5240	17.796	5231.005	5248.801	---	PASS
	Ant2	5240	17.867	5231.072	5248.939	---	PASS
	Ant1	5745	17.777	5736.103	5753.880	---	PASS
	Ant2	5745	17.829	5736.063	5753.892	---	PASS
	Ant1	5785	17.759	5776.073	5793.832	---	PASS
	Ant2	5785	17.791	5776.050	5793.841	---	PASS
	Ant1	5825	17.746	5816.135	5833.881	---	PASS
	Ant2	5825	17.883	5816.018	5833.901	---	PASS
11AC40SISO	Ant1	5190	36.149	5171.955	5208.104	---	PASS
	Ant2	5190	36.308	5171.963	5208.271	---	PASS
	Ant1	5230	36.163	5211.853	5248.016	---	PASS
	Ant2	5230	36.149	5211.935	5248.084	---	PASS
	Ant1	5755	36.231	5736.844	5773.075	---	PASS
	Ant2	5755	36.212	5736.814	5773.026	---	PASS
	Ant1	5795	36.198	5776.860	5813.058	---	PASS
11AC80SISO	Ant2	5795	36.174	5776.893	5813.067	---	PASS
	Ant1	5210	74.836	5172.413	5247.249	---	PASS
	Ant2	5210	74.926	5172.662	5247.588	---	PASS
	Ant1	5775	75.285	5737.198	5812.483	---	PASS
	Ant2	5775	75.004	5737.244	5812.248	---	PASS

Test Graphs





11A_Ant1_5200



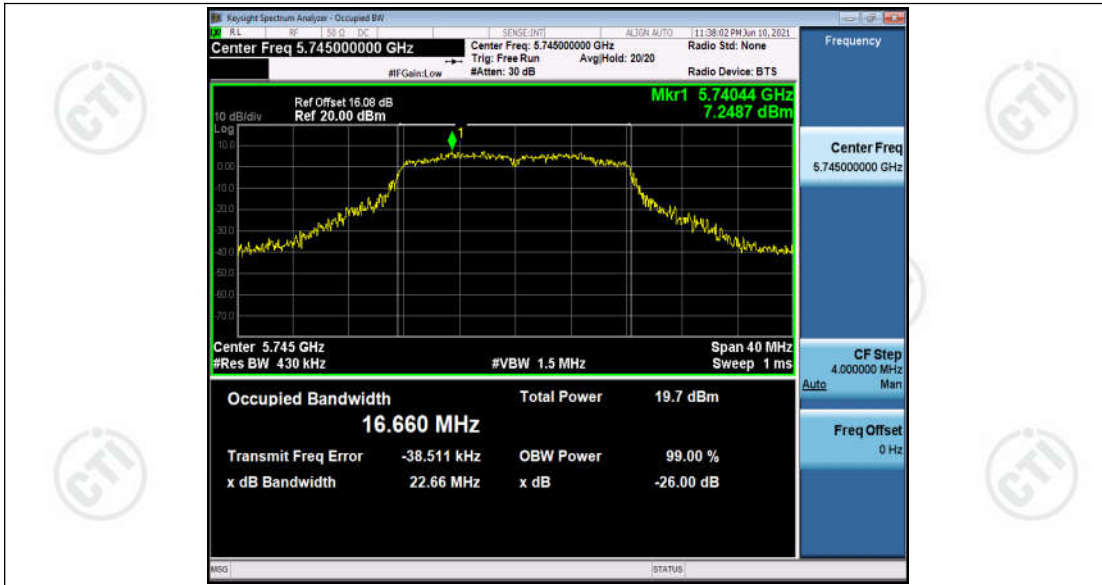
11A_Ant2_5200



11A_Ant1_5240



11A_Ant2_5240



11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785



11A_Ant2_5785



11A_Ant1_5825



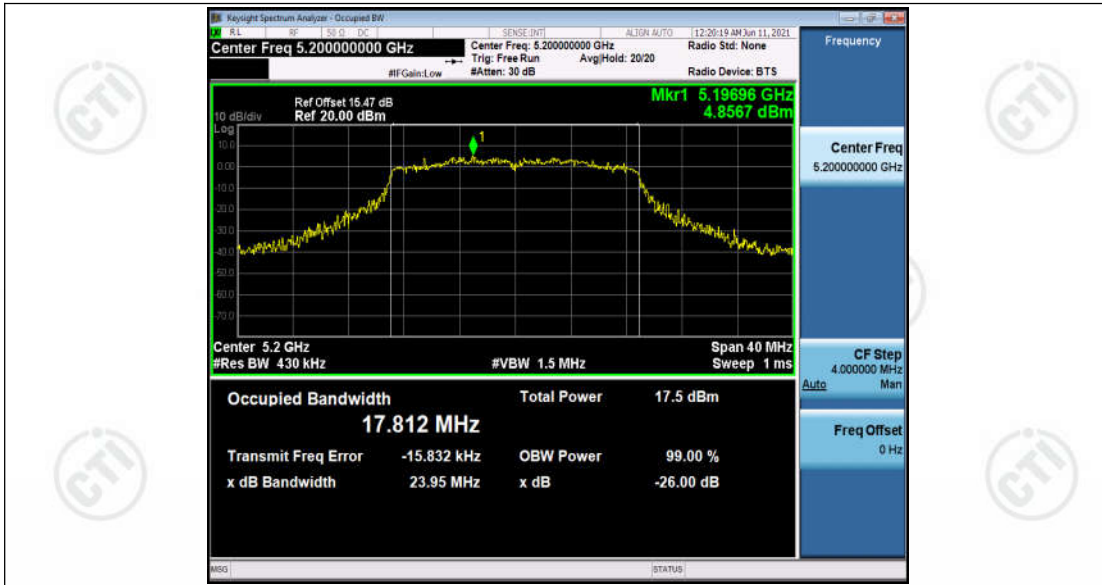
11A_Ant2_5825



11N20SISO_Ant1_5180



11N20SISO_Ant2_5180



11N20SISO_Ant1_5200



11N20SISO_Ant2_5200



11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



11N20SISO_Ant1_5745



11N20SISO_Ant2_5745



11N20SISO_Ant1_5785



11N20SISO_Ant2_5785



11N20SISO_Ant1_5825



11N20SISO_Ant2_5825



11N40SISO_Ant1_5190



11N40SISO_Ant2_5190



11N40SISO_Ant1_5230



11N40SISO_Ant2_5230



11N40SISO_Ant1_5755



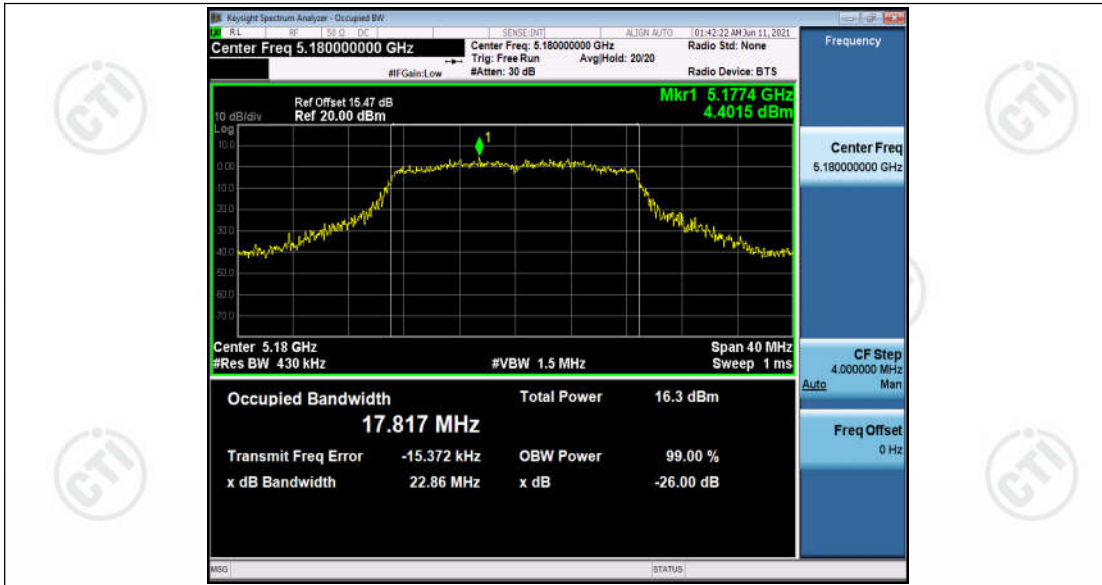
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11N40SISO_Ant1_5795



11N40SISO_Ant2_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant2_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant2_5200



11AC20SISO_Ant1_5240



11AC20SISO_Ant2_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant2_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant2_5785



11AC20SISO_Ant1_5825



11AC20SISO_Ant2_5825



11AC40SISO_Ant1_5190



11AC40SISO_Ant2_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant2_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant2_5755



11AC40SISO_Ant1_5795



11AC40SISO_Ant2_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210



11AC80SISO_Ant1_5775



11AC80SISO_Ant2_5775

Appendix A3: Min emission bandwidth

Test Result

Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	14.520	5738.080	5752.600	0.5	PASS
	Ant2	5745	16.200	5736.760	5752.960	0.5	PASS
	Ant1	5785	13.960	5777.440	5791.400	0.5	PASS
	Ant2	5785	12.360	5778.320	5790.680	0.5	PASS
	Ant1	5825	16.400	5816.800	5833.200	0.5	PASS
	Ant2	5825	13.320	5817.360	5830.680	0.5	PASS
11N20SISO	Ant1	5745	14.360	5736.440	5750.800	0.5	PASS
	Ant2	5745	15.960	5736.560	5752.520	0.5	PASS
	Ant1	5785	13.400	5779.160	5792.560	0.5	PASS
	Ant2	5785	17.640	5776.160	5793.800	0.5	PASS
	Ant1	5825	11.480	5819.560	5831.040	0.5	PASS
	Ant2	5825	12.840	5817.840	5830.680	0.5	PASS
11N40SISO	Ant1	5755	35.520	5737.080	5772.600	0.5	PASS
	Ant2	5755	29.520	5738.040	5767.560	0.5	PASS
	Ant1	5795	29.120	5778.680	5807.800	0.5	PASS
	Ant2	5795	31.440	5777.400	5808.840	0.5	PASS
11AC20SISO	Ant1	5745	14.480	5736.840	5751.320	0.5	PASS
	Ant2	5745	17.720	5736.120	5753.840	0.5	PASS
	Ant1	5785	15.440	5777.160	5792.600	0.5	PASS
	Ant2	5785	16.840	5776.560	5793.400	0.5	PASS
	Ant1	5825	14.000	5819.520	5833.520	0.5	PASS
	Ant2	5825	16.680	5817.120	5833.800	0.5	PASS
11AC40SISO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant2	5755	30.320	5737.480	5767.800	0.5	PASS
	Ant1	5795	30.560	5777.400	5807.960	0.5	PASS
	Ant2	5795	29.600	5778.600	5808.200	0.5	PASS
11AC80SISO	Ant1	5775	61.600	5738.520	5800.120	0.5	PASS
	Ant2	5775	49.120	5751.000	5800.120	0.5	PASS

Test Graphs



11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785



11A_Ant2_5785



11A_Ant1_5825



11A_Ant2_5825



11N20SISO_Ant1_5745



11N20SISO_Ant2_5745



11N20SISO_Ant1_5785



11N20SISO_Ant2_5785



11N20SISO_Ant1_5825



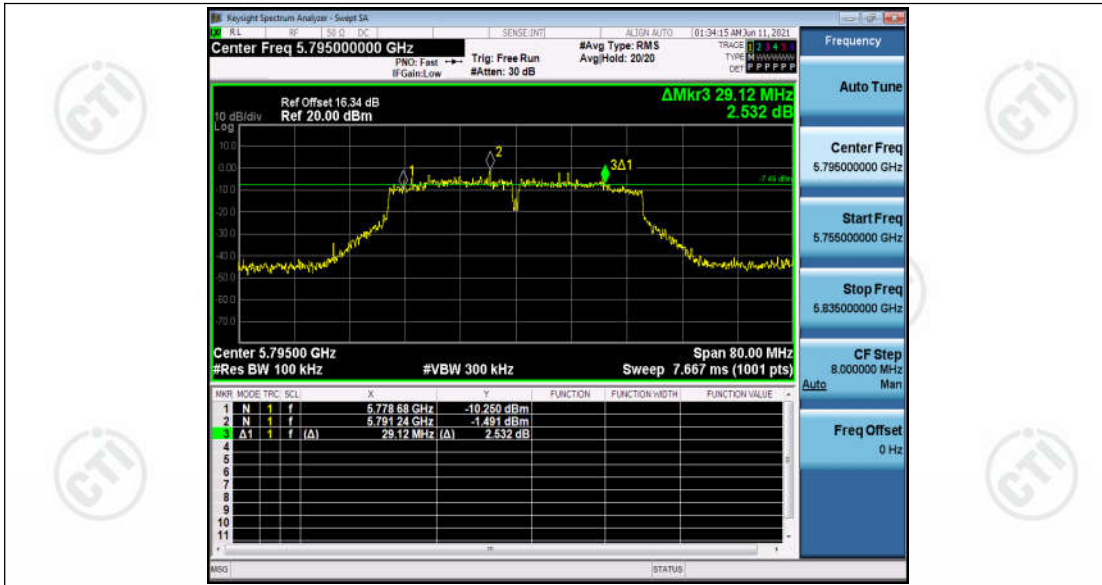
11N20SISO_Ant2_5825



11N40SISO_Ant1_5755



11N40SISO_Ant2_5755



11N40SISO_Ant1_5795



11N40SISO_Ant2_5795



11AC20SISO_Ant1_5745



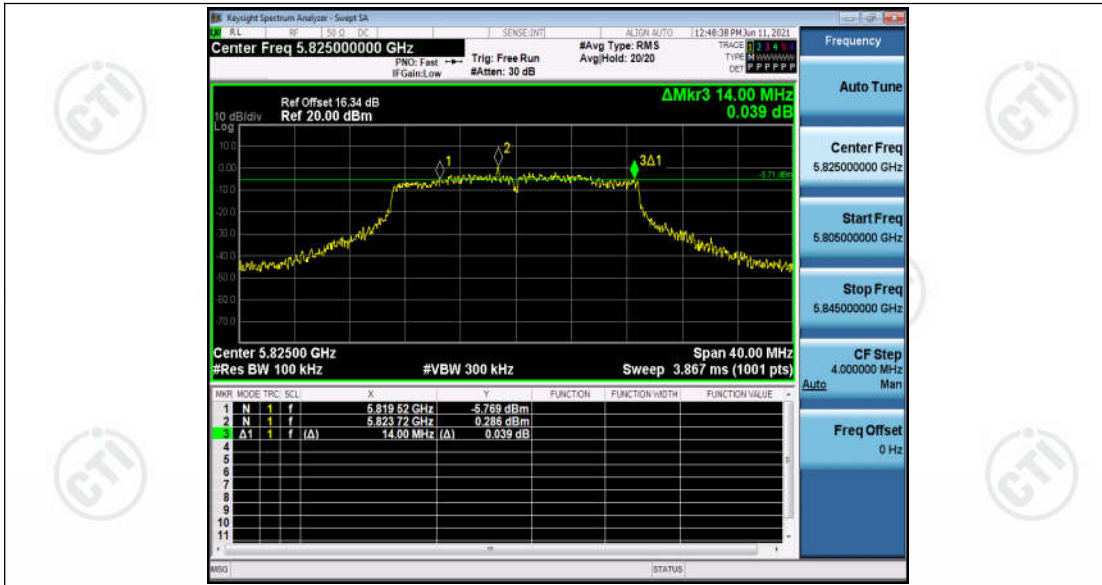
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11AC20SISO_Ant1_5785



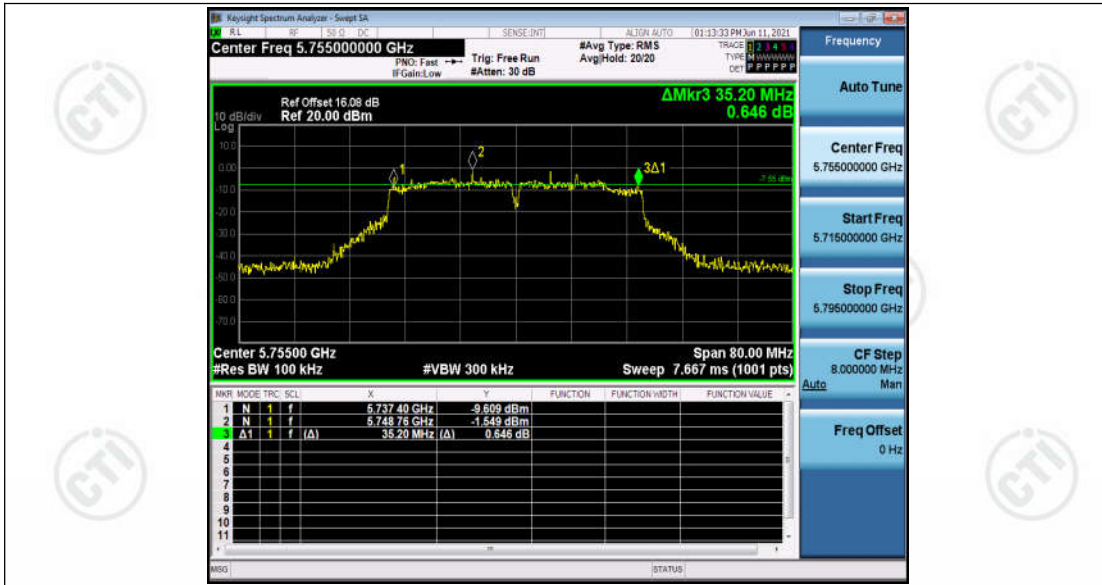
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11AC20SISO_Ant1_5825



11AC20SISO_Ant2_5825



11AC40SISO_Ant1_5755



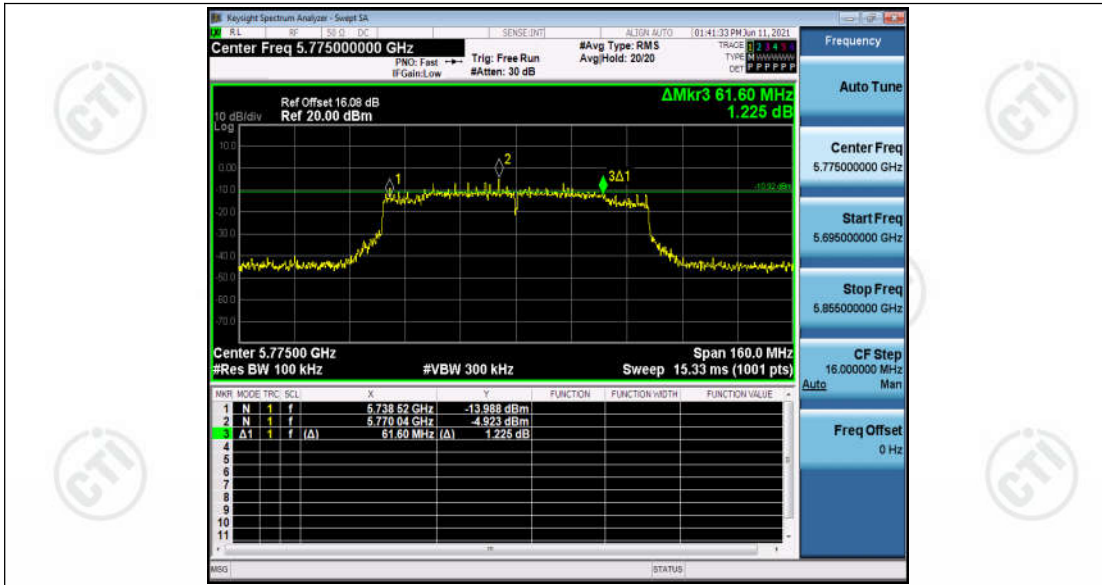
11AC40SISO_Ant2_5755



11AC40SISO_Ant1_5795



11AC40SISO_Ant2_5795



11AC80SISO_Ant1_5775



11AC80SISO_Ant2_5775

Appendix B: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	10.47	<=23.98	PASS
	Ant2	5180	10.91	<=23.98	PASS
	Ant1	5200	10.50	<=23.98	PASS
	Ant2	5200	10.88	<=23.98	PASS
	Ant1	5240	10.04	<=23.98	PASS
	Ant2	5240	10.62	<=23.98	PASS
	Ant1	5745	10.10	<=30	PASS
	Ant2	5745	10.78	<=30	PASS
	Ant1	5785	10.36	<=30	PASS
	Ant2	5785	10.91	<=30	PASS
	Ant1	5825	10.07	<=30	PASS
	Ant2	5825	10.91	<=30	PASS
11N20SISO	Ant1	5180	9.83	<=23.98	PASS
	Ant2	5180	9.01	<=23.98	PASS
	Ant1	5200	9.55	<=23.98	PASS
	Ant2	5200	9.51	<=23.98	PASS
	Ant1	5240	9.00	<=23.98	PASS
	Ant2	5240	9.39	<=23.98	PASS
	Ant1	5745	9.55	<=30	PASS
	Ant2	5745	9.39	<=30	PASS
	Ant1	5785	9.69	<=30	PASS
	Ant2	5785	9.62	<=30	PASS
	Ant1	5825	9.20	<=30	PASS
	Ant2	5825	9.70	<=30	PASS
11N40SISO	Ant1	5190	9.35	<=23.98	PASS
	Ant2	5190	8.70	<=23.98	PASS
	Ant1	5230	8.76	<=23.98	PASS
	Ant2	5230	8.47	<=23.98	PASS
	Ant1	5755	9.00	<=30	PASS
	Ant2	5755	8.57	<=30	PASS
	Ant1	5795	8.82	<=30	PASS
	Ant2	5795	8.97	<=30	PASS

11AC20SISO	Ant1	5180	8.81	<=23.98	PASS
	Ant2	5180	8.52	<=23.98	PASS
	Ant1	5200	8.94	<=23.98	PASS
	Ant2	5200	8.79	<=23.98	PASS
	Ant1	5240	8.52	<=23.98	PASS
	Ant2	5240	8.56	<=23.98	PASS
	Ant1	5745	8.91	<=30	PASS
	Ant2	5745	8.94	<=30	PASS
	Ant1	5785	9.02	<=30	PASS
	Ant2	5785	9.03	<=30	PASS
	Ant1	5825	8.48	<=30	PASS
	Ant2	5825	9.36	<=30	PASS
11AC40SISO	Ant1	5190	8.80	<=23.98	PASS
	Ant2	5190	8.44	<=23.98	PASS
	Ant1	5230	8.77	<=23.98	PASS
	Ant2	5230	8.12	<=23.98	PASS
	Ant1	5755	9.06	<=30	PASS
	Ant2	5755	8.58	<=30	PASS
	Ant1	5795	9.10	<=30	PASS
	Ant2	5795	9.12	<=30	PASS
11AC80SISO	Ant1	5210	9.11	<=23.98	PASS
	Ant2	5210	8.17	<=23.98	PASS
	Ant1	5775	8.83	<=30	PASS
	Ant2	5775	8.36	<=30	PASS

11N20MIMO	Ant1	5180	5.28	<=23.98	PASS
	Ant2	5180	5.71	<=23.98	PASS
	total	5180	8.5	<=23.98	PASS
	Ant1	5200	5.46	<=23.98	PASS
	Ant2	5200	5.57	<=23.98	PASS
	total	5200	8.5	<=23.98	PASS
	Ant1	5240	5.02	<=23.98	PASS
	Ant2	5240	5.88	<=23.98	PASS
	total	5240	8.5	<=23.98	PASS
	Ant1	5745	5.67	<=30	PASS
	Ant2	5745	5.51	<=30	PASS
	total	5745	8.6	<=30	PASS
	Ant1	5785	5.38	<=30	PASS
	Ant2	5785	5.91	<=30	PASS
	total	5785	8.7	<=30	PASS
	Ant1	5825	5.15	<=30	PASS
	Ant2	5825	5.86	<=30	PASS
	total	5825	8.5	<=30	PASS

11N40MIMO	Ant1	5190	5.32	<=23.98	PASS
	Ant2	5190	5.28	<=23.98	PASS
	total	5190	8.3	<=23.98	PASS
	Ant1	5230	5.26	<=23.98	PASS
	Ant2	5230	5.43	<=23.98	PASS
	total	5230	8.4	<=23.98	PASS
	Ant1	5755	5.66	<=30	PASS
	Ant2	5755	5.35	<=30	PASS
	total	5755	8.5	<=30	PASS
	Ant1	5795	5.92	<=30	PASS
	Ant2	5795	5.69	<=30	PASS
	total	5795	8.8	<=30	PASS
11AC20MIMO	Ant1	5180	5.09	<=23.98	PASS
	Ant2	5180	5.00	<=23.98	PASS
	total	5180	8.1	<=23.98	PASS
	Ant1	5200	5.48	<=23.98	PASS
	Ant2	5200	5.26	<=23.98	PASS
	total	5200	8.4	<=23.98	PASS
	Ant1	5240	5.54	<=23.98	PASS
	Ant2	5240	5.02	<=23.98	PASS
	total	5240	8.3	<=23.98	PASS
	Ant1	5745	5.61	<=30	PASS
	Ant2	5745	5.44	<=30	PASS
	total	5745	8.5	<=30	PASS
	Ant1	5785	5.11	<=30	PASS
	Ant2	5785	5.75	<=30	PASS
	total	5785	8.5	<=30	PASS
	Ant1	5825	5.44	<=30	PASS
	Ant2	5825	5.80	<=30	PASS
	total	5825	8.6	<=30	PASS

11AC40MIMO	Ant1	5190	5.48	≤ 23.98	PASS
	Ant2	5190	5.54	≤ 23.98	PASS
	total	5190	8.5	≤ 23.98	PASS
	Ant1	5230	5.82	≤ 23.98	PASS
	Ant2	5230	5.56	≤ 23.98	PASS
	total	5230	8.7	≤ 23.98	PASS
	Ant1	5755	5.39	≤ 30	PASS
	Ant2	5755	5.73	≤ 30	PASS
	total	5755	8.6	≤ 30	PASS
	Ant1	5795	5.52	≤ 30	PASS
	Ant2	5795	5.94	≤ 30	PASS
	total	5795	8.7	≤ 30	PASS
11AC80MIMO	Ant1	5210	5.45	≤ 23.98	PASS
	Ant2	5210	5.44	≤ 23.98	PASS
	total	5210	8.5	≤ 23.98	PASS
	Ant1	5775	5.93	≤ 30	PASS
	Ant2	5775	5.82	≤ 30	PASS
	total	5775	8.9	≤ 30	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs



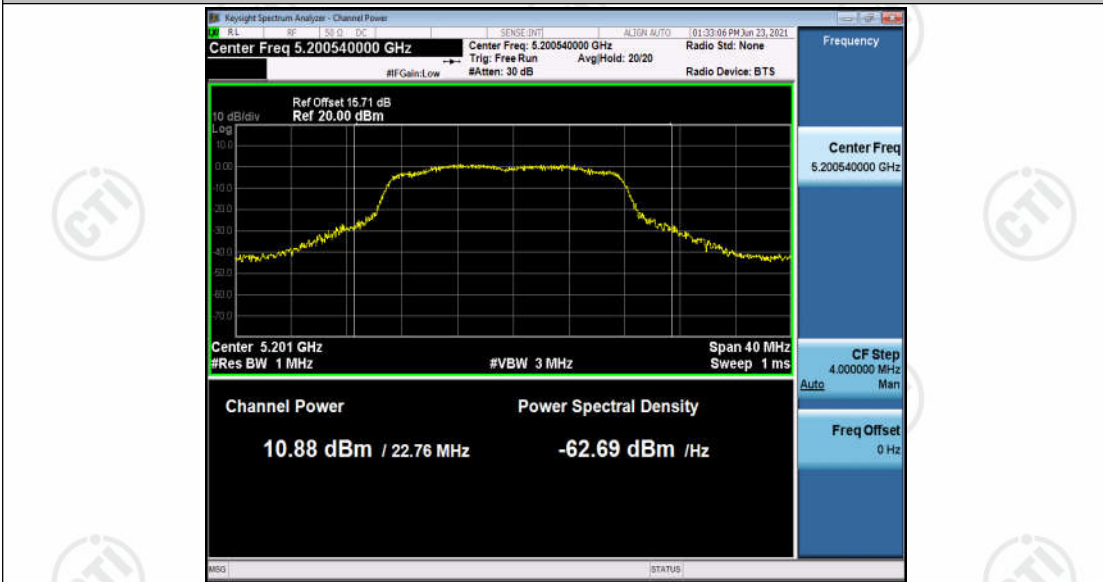
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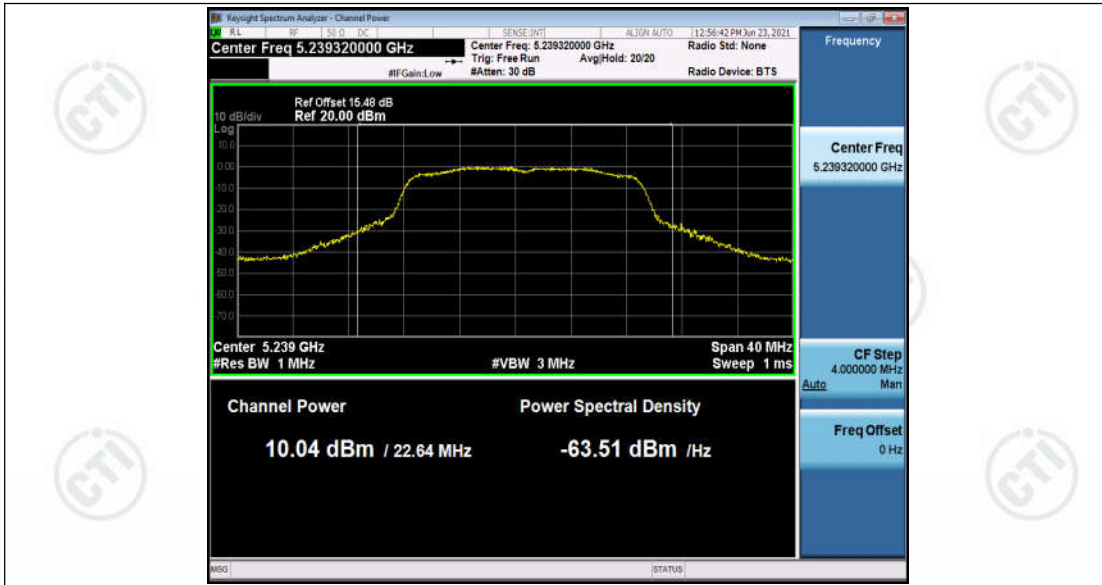
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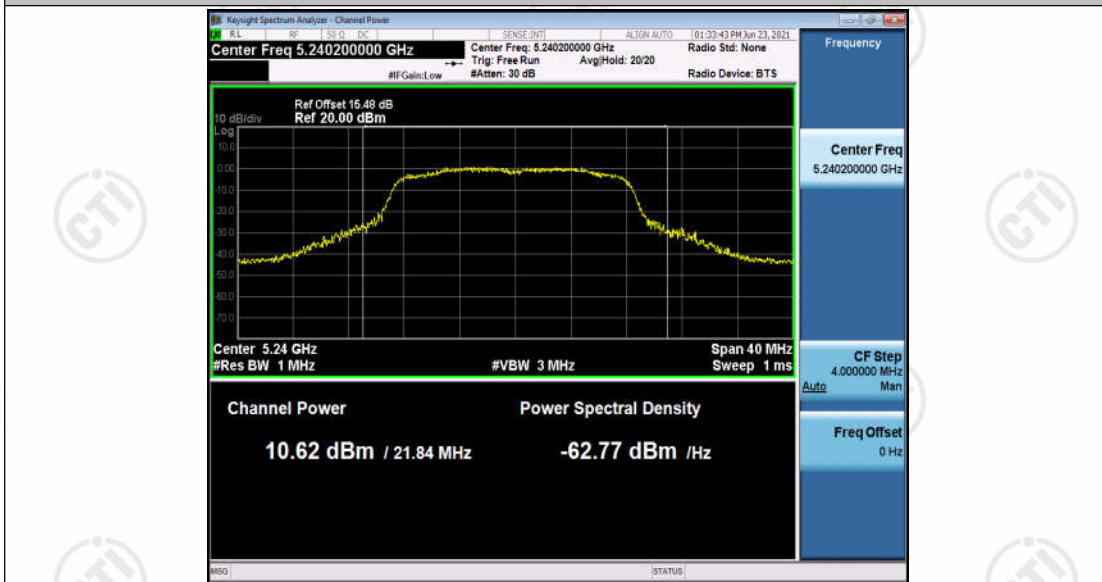
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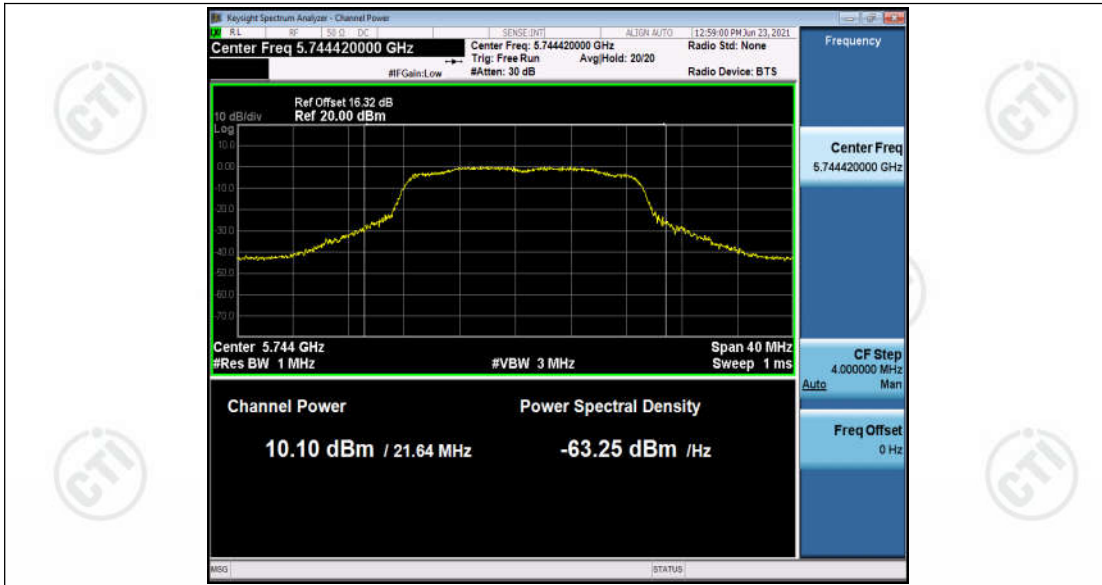
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11A_Ant1_5240



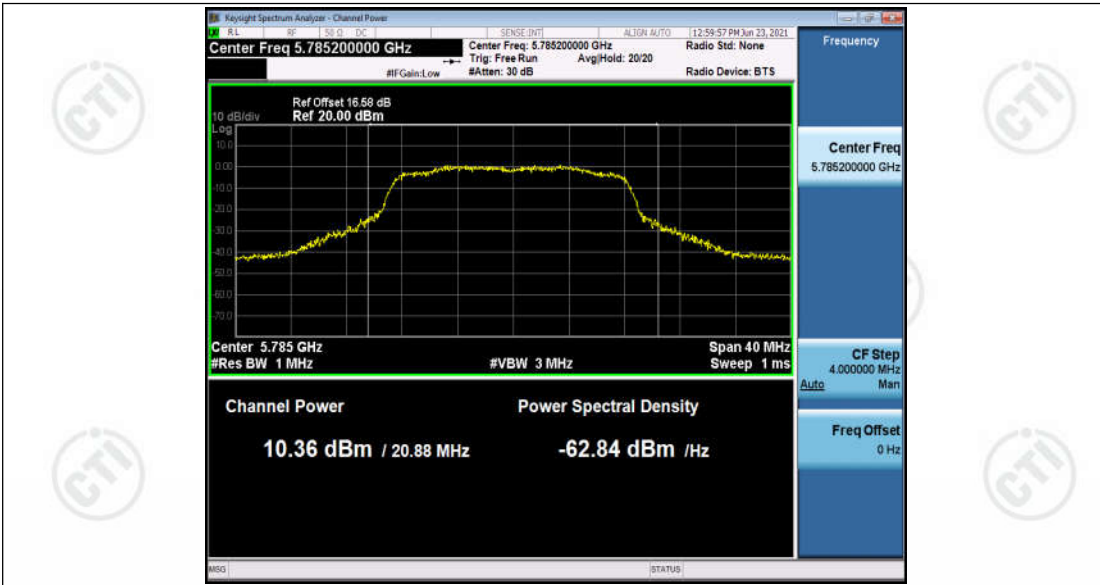
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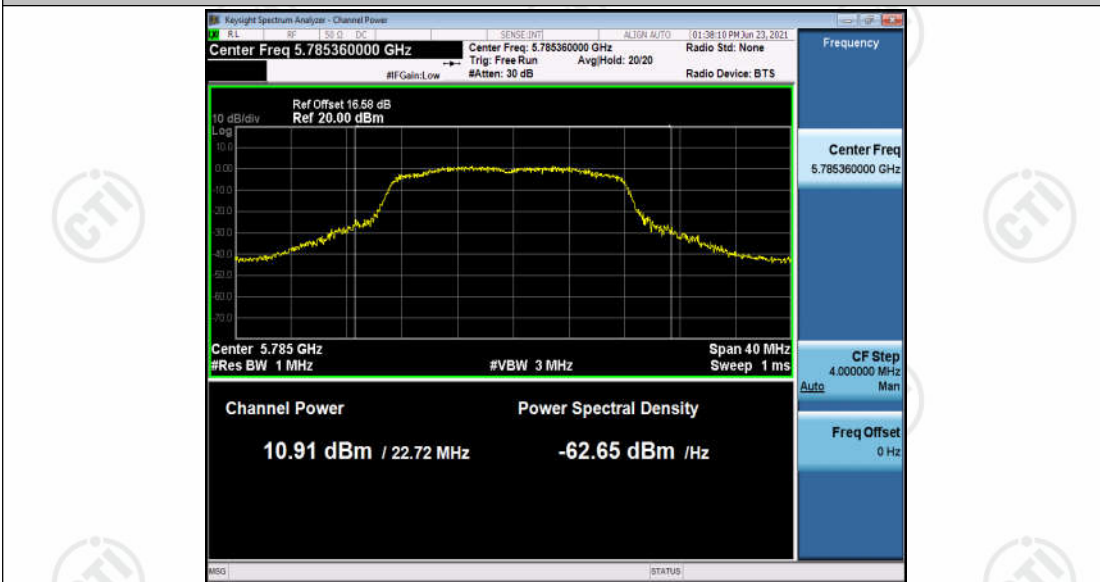
11A_Ant1_5745



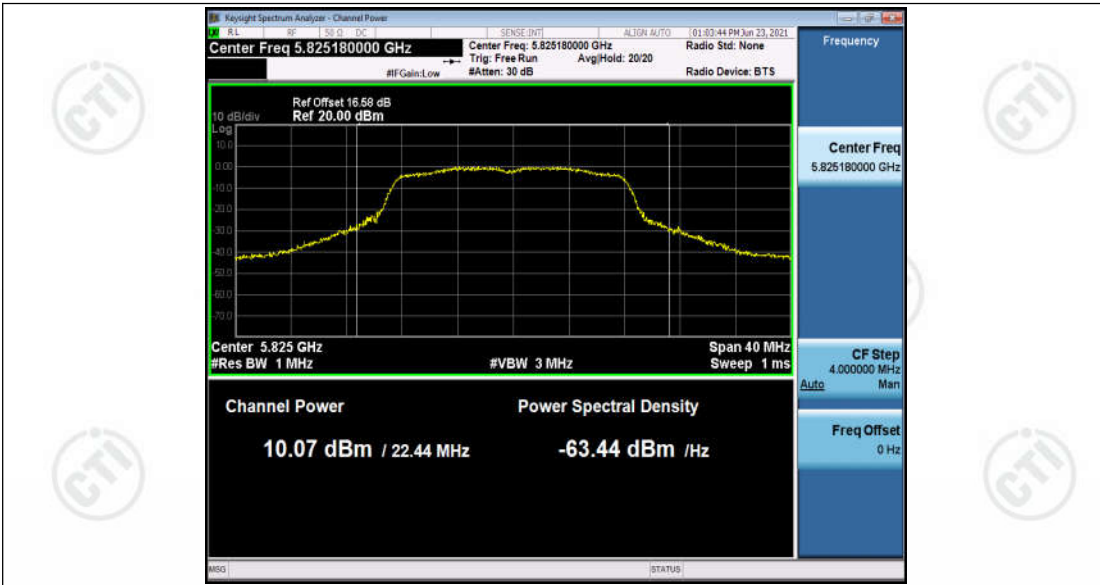
11A_Ant2_5745



11A_Ant1_5785



11A_Ant2_5785



11A_Ant1_5825



11A_Ant2_5825



11N20SISO_Ant1_5180



11N20SISO_Ant2_5180



11N20SISO_Ant1_5200



11N20SISO_Ant2_5200