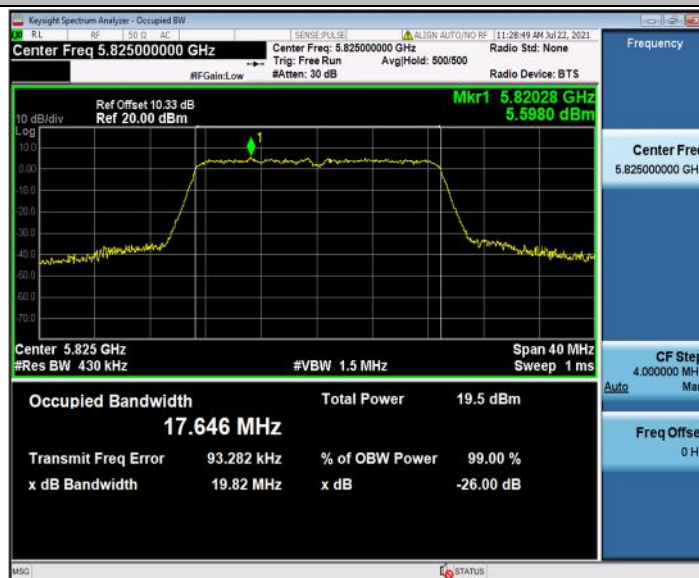




11AC20MIMO_Ant2_5785



11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



11AC40MIMO_Ant1_5230



11AC40MIMO_Ant2_5230



11AC40MIMO_Ant1_5755



11AC40MIMO_Ant2_5755



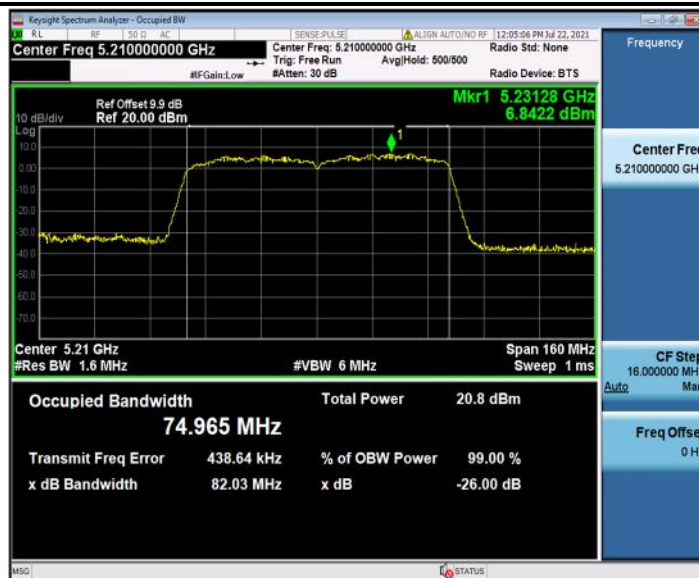
11AC40MIMO_Ant1_5795



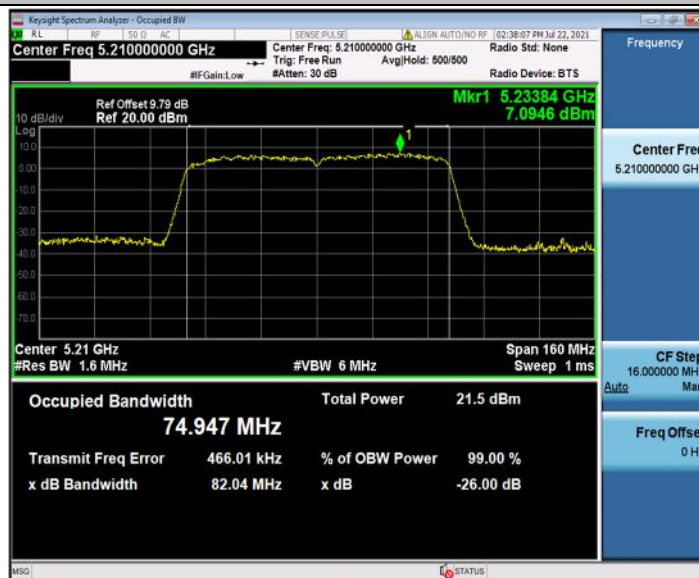
11AC40MIMO_Ant2_5795



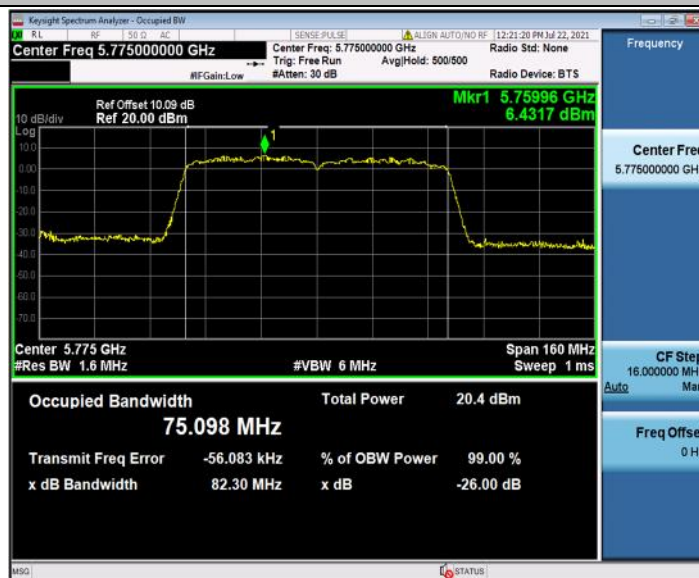
11AC80MIMO_Ant1_5210



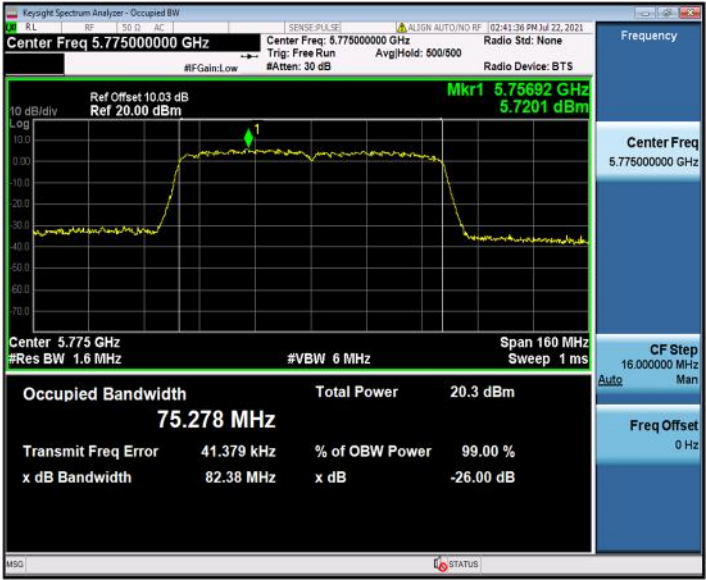
11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix A3: Min emission bandwidth

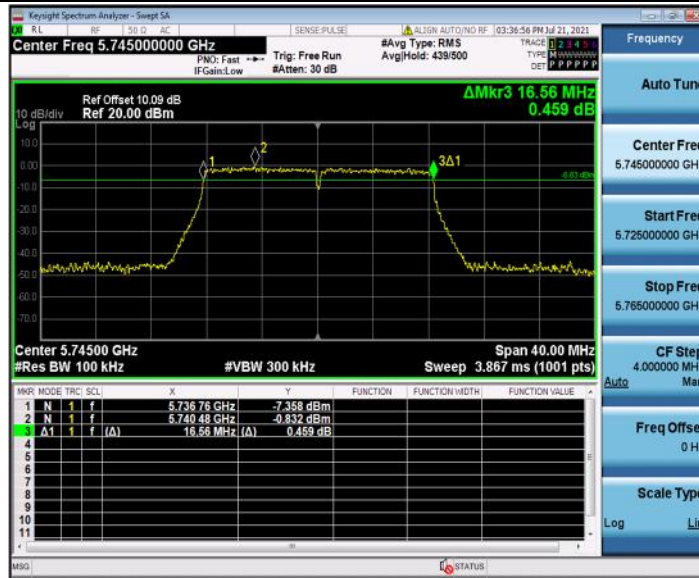
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.560	5736.760	5753.320	0.5	PASS
	Ant2	5745	16.560	5736.760	5753.320	0.5	PASS
	Ant1	5785	16.560	5776.760	5793.320	0.5	PASS
	Ant2	5785	16.600	5776.760	5793.360	0.5	PASS
	Ant1	5825	16.600	5816.760	5833.360	0.5	PASS
	Ant2	5825	16.600	5816.760	5833.360	0.5	PASS
11N20SISO	Ant1	5745	17.760	5736.160	5753.920	0.5	PASS
	Ant2	5745	17.720	5736.200	5753.920	0.5	PASS
	Ant1	5785	17.720	5776.200	5793.920	0.5	PASS
	Ant2	5785	17.760	5776.160	5793.920	0.5	PASS
	Ant1	5825	17.720	5816.200	5833.920	0.5	PASS
	Ant2	5825	17.720	5816.200	5833.920	0.5	PASS
11N40SISO	Ant1	5755	36.640	5736.760	5773.400	0.5	PASS
	Ant2	5755	36.640	5736.760	5773.400	0.5	PASS
	Ant1	5795	36.640	5776.760	5813.400	0.5	PASS
	Ant2	5795	36.640	5776.760	5813.400	0.5	PASS
11AC20SISO	Ant1	5745	17.760	5736.160	5753.920	0.5	PASS
	Ant2	5745	17.720	5736.200	5753.920	0.5	PASS
	Ant1	5785	17.800	5776.160	5793.960	0.5	PASS
	Ant2	5785	17.720	5776.200	5793.920	0.5	PASS
	Ant1	5825	17.800	5816.160	5833.960	0.5	PASS
	Ant2	5825	17.720	5816.200	5833.920	0.5	PASS
11AC40SISO	Ant1	5755	36.720	5736.680	5773.400	0.5	PASS
	Ant2	5755	36.560	5736.760	5773.320	0.5	PASS
	Ant1	5795	36.560	5776.760	5813.320	0.5	PASS
	Ant2	5795	36.560	5776.760	5813.320	0.5	PASS
11AC80SISO	Ant1	5775	76.640	5736.760	5813.400	0.5	PASS
	Ant2	5775	76.320	5736.760	5813.080	0.5	PASS
11N20MIMO	Ant1	5745	17.800	5736.160	5753.960	0.5	PASS
	Ant2	5745	17.680	5736.200	5753.880	0.5	PASS
	Ant1	5785	17.800	5776.160	5793.960	0.5	PASS
	Ant2	5785	17.120	5776.880	5794.000	0.5	PASS
	Ant1	5825	17.800	5816.160	5833.960	0.5	PASS
	Ant2	5825	17.720	5816.200	5833.920	0.5	PASS
11N40MIMO	Ant1	5755	36.640	5736.760	5773.400	0.5	PASS
	Ant2	5755	36.560	5736.760	5773.320	0.5	PASS
	Ant1	5795	36.640	5776.760	5813.400	0.5	PASS
	Ant2	5795	36.560	5776.760	5813.320	0.5	PASS
11AC20MIMO	Ant1	5745	17.720	5736.200	5753.920	0.5	PASS
	Ant2	5745	17.760	5736.160	5753.920	0.5	PASS

	Ant1	5785	17.800	5776.160	5793.960	0.5	PASS
	Ant2	5785	15.480	5778.520	5794.000	0.5	PASS
	Ant1	5825	17.760	5816.200	5833.960	0.5	PASS
	Ant2	5825	17.760	5816.160	5833.920	0.5	PASS
11AC40MIMO	Ant1	5755	36.640	5736.760	5773.400	0.5	PASS
	Ant2	5755	36.640	5736.680	5773.320	0.5	PASS
	Ant1	5795	36.640	5776.760	5813.400	0.5	PASS
	Ant2	5795	27.200	5786.200	5813.400	0.5	PASS
11AC80MIMO	Ant1	5775	76.320	5736.760	5813.080	0.5	PASS
	Ant2	5775	76.640	5736.760	5813.400	0.5	PASS

Test Graphs

11A_Ant1_5745



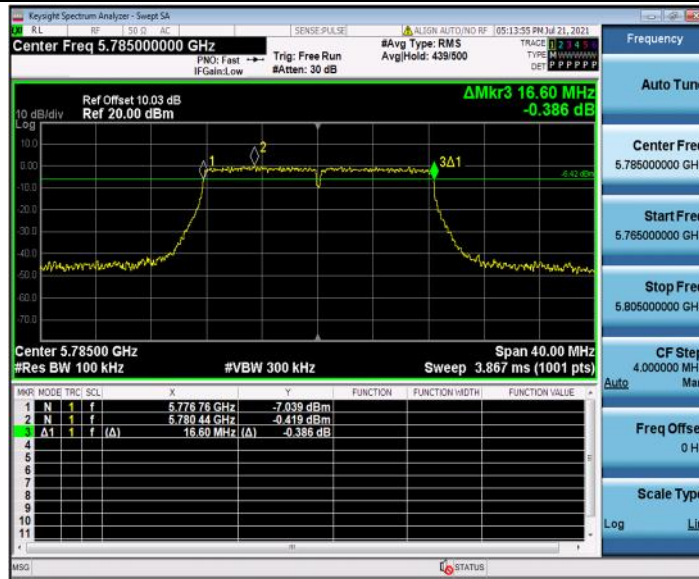
11A_Ant2_5745



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



11AC20SISO_Ant2_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant2_5785



11AC20SISO_Ant1_5825



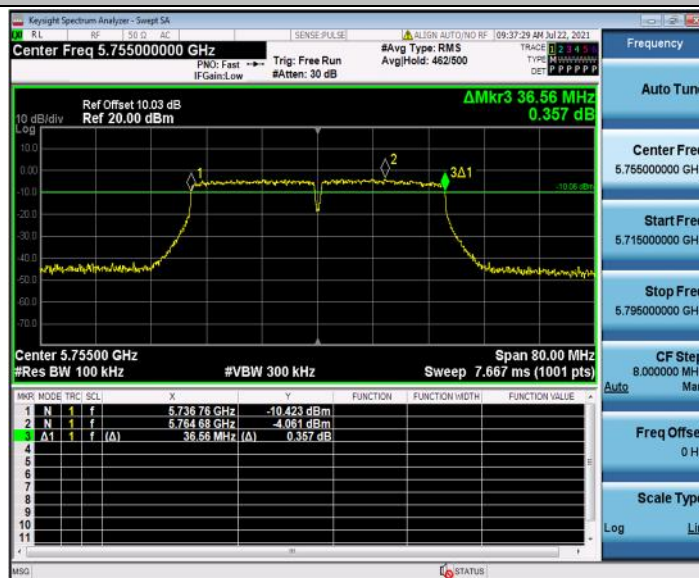
11AC20SISO_Ant2_5825



11AC40SISO_Ant1_5755



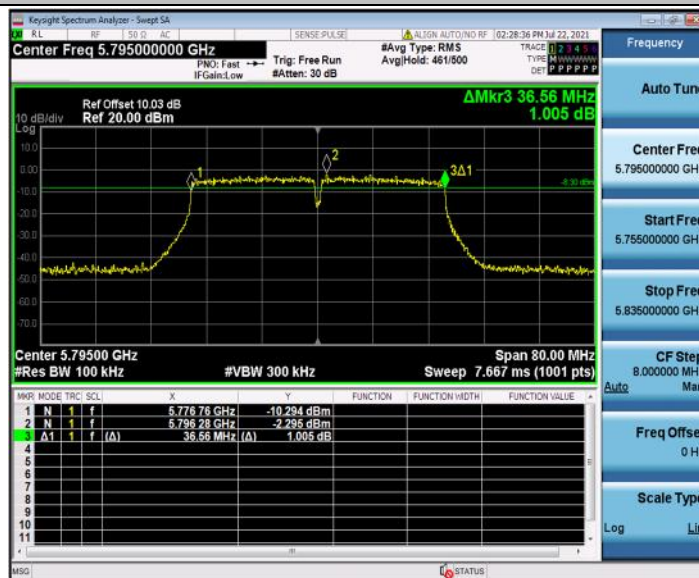
11AC40SISO_Ant2_5755



11AC40SISO_Ant1_5795



11AC40SISO_Ant2_5795



11AC80SISO_Ant1_5775



11AC80SISO_Ant2_5775



11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785



11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



11AC40MIMO_Ant1_5755



11AC40MIMO_Ant2_5755



11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix B: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	13.78	<=30	PASS
	Ant2	5180	14.45	<=30	PASS
	Ant1	5200	14.06	<=30	PASS
	Ant2	5200	14.72	<=30	PASS
	Ant1	5240	14.62	<=30	PASS
	Ant2	5240	15.42	<=30	PASS
	Ant1	5745	13.27	<=30	PASS
	Ant2	5745	13.47	<=30	PASS
	Ant1	5785	13.77	<=30	PASS
	Ant2	5785	13.83	<=30	PASS
	Ant1	5825	14.85	<=30	PASS
	Ant2	5825	14.81	<=30	PASS
11N20SISO	Ant1	5180	13.83	<=30	PASS
	Ant2	5180	14.57	<=30	PASS
	Ant1	5200	14.08	<=30	PASS
	Ant2	5200	14.71	<=30	PASS
	Ant1	5240	14.59	<=30	PASS
	Ant2	5240	15.21	<=30	PASS
	Ant1	5745	13.24	<=30	PASS
	Ant2	5745	13.35	<=30	PASS
	Ant1	5785	13.74	<=30	PASS
	Ant2	5785	13.77	<=30	PASS
	Ant1	5825	14.89	<=30	PASS
	Ant2	5825	14.78	<=30	PASS
11N40SISO	Ant1	5190	13.73	<=30	PASS
	Ant2	5190	14.37	<=30	PASS
	Ant1	5230	14.12	<=30	PASS
	Ant2	5230	14.74	<=30	PASS
	Ant1	5755	13.51	<=30	PASS
	Ant2	5755	13.52	<=30	PASS
	Ant1	5795	13.90	<=30	PASS
	Ant2	5795	12.43	<=30	PASS
11AC20SISO	Ant1	5180	13.84	<=30	PASS
	Ant2	5180	14.53	<=30	PASS
	Ant1	5200	14.10	<=30	PASS
	Ant2	5200	14.72	<=30	PASS
	Ant1	5240	14.61	<=30	PASS
	Ant2	5240	15.26	<=30	PASS
	Ant1	5745	13.28	<=30	PASS
	Ant2	5745	13.32	<=30	PASS

	Ant1	5785	13.74	<=30	PASS
	Ant2	5785	13.49	<=30	PASS
	Ant1	5825	14.87	<=30	PASS
	Ant2	5825	14.36	<=30	PASS
11AC40SISO	Ant1	5190	13.69	<=30	PASS
	Ant2	5190	14.14	<=30	PASS
	Ant1	5230	14.03	<=30	PASS
	Ant2	5230	14.51	<=30	PASS
	Ant1	5755	13.38	<=30	PASS
	Ant2	5755	13.31	<=30	PASS
	Ant1	5795	13.80	<=30	PASS
	Ant2	5795	13.51	<=30	PASS
11AC80SISO	Ant1	5210	11.78	<=30	PASS
	Ant2	5210	13.01	<=30	PASS
	Ant1	5775	13.38	<=30	PASS
	Ant2	5775	13.34	<=30	PASS
11N20MIMO	Ant1	5180	12.38	<=30	PASS
	Ant2	5180	12.78	<=30	PASS
	total	5180	15.59	<=27.99	PASS
	Ant1	5200	12.35	<=30	PASS
	Ant2	5200	12.87	<=30	PASS
	total	5200	15.63	<=27.99	PASS
	Ant1	5240	12.82	<=30	PASS
	Ant2	5240	13.36	<=30	PASS
	total	5240	16.11	<=27.99	PASS
	Ant1	5745	11.57	<=30	PASS
	Ant2	5745	11.47	<=30	PASS
	total	5745	14.53	<=27.99	PASS
	Ant1	5785	11.99	<=30	PASS
	Ant2	5785	11.83	<=30	PASS
	total	5785	14.92	<=27.99	PASS
	Ant1	5825	13.09	<=30	PASS
	Ant2	5825	13.04	<=30	PASS
	total	5825	16.08	<=27.99	PASS
11N40MIMO	Ant1	5190	11.85	<=30	PASS
	Ant2	5190	12.80	<=30	PASS
	total	5190	15.36	<=27.99	PASS
	Ant1	5230	12.24	<=30	PASS
	Ant2	5230	13.09	<=30	PASS
	total	5230	15.70	<=27.99	PASS
	Ant1	5755	11.69	<=30	PASS
	Ant2	5755	11.87	<=30	PASS
	total	5755	14.79	<=27.99	PASS
	Ant1	5795	12.04	<=30	PASS
	Ant2	5795	12.04	<=30	PASS

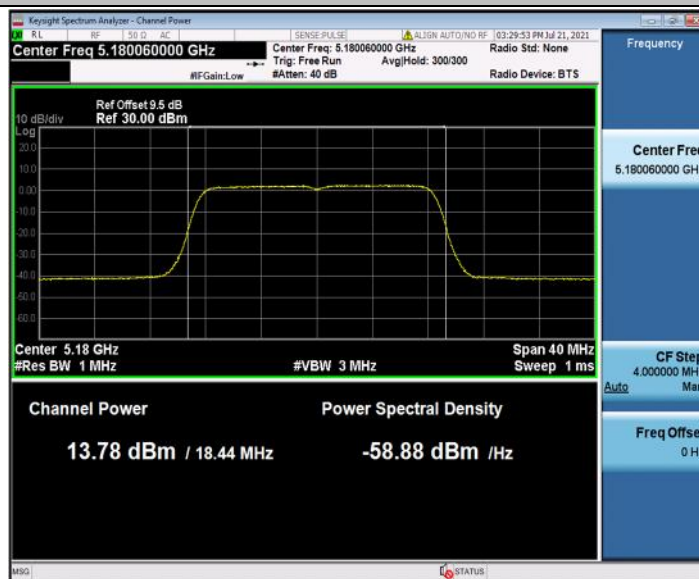
	total	5795	15.05	<=27.99	PASS
11AC20MIMO	Ant1	5180	11.64	<=30	PASS
	Ant2	5180	13.07	<=30	PASS
	total	5180	15.42	<=27.99	PASS
	Ant1	5200	11.96	<=30	PASS
	Ant2	5200	12.92	<=30	PASS
	total	5200	15.48	<=27.99	PASS
	Ant1	5240	12.65	<=30	PASS
	Ant2	5240	13.22	<=30	PASS
	total	5240	16.95	<=27.99	PASS
	Ant1	5745	11.33	<=30	PASS
	Ant2	5745	11.88	<=30	PASS
	total	5745	14.62	<=27.99	PASS
	Ant1	5785	12.03	<=30	PASS
	Ant2	5785	12.03	<=30	PASS
	total	5785	15.04	<=27.99	PASS
	Ant1	5825	12.86	<=30	PASS
	Ant2	5825	13.34	<=30	PASS
	total	5825	16.12	<=27.99	PASS
11AC40MIMO	Ant1	5190	12.37	<=30	PASS
	Ant2	5190	12.66	<=30	PASS
	total	5190	15.53	<=27.99	PASS
	Ant1	5230	11.95	<=30	PASS
	Ant2	5230	12.96	<=30	PASS
	total	5230	15.49	<=27.99	PASS
	Ant1	5755	11.31	<=30	PASS
	Ant2	5755	12.15	<=30	PASS
	total	5755	14.76	<=27.99	PASS
	Ant1	5795	11.95	<=30	PASS
	Ant2	5795	11.82	<=30	PASS
	total	5795	14.90	<=27.99	PASS
11AC80MIMO	Ant1	5210	11.85	<=30	PASS
	Ant2	5210	12.79	<=30	PASS
	total	5210	15.36	<=27.99	PASS
	Ant1	5775	11.62	<=30	PASS
	Ant2	5775	11.55	<=30	PASS
	total	5775	14.60	<=27.99	PASS

Note:

1. The Duty Cycle Factor is compensated in the graph.
2. For MIMO mode the directional gain of the antenna is 8.01dbi. the limit reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Graphs

11A_Ant1_5180



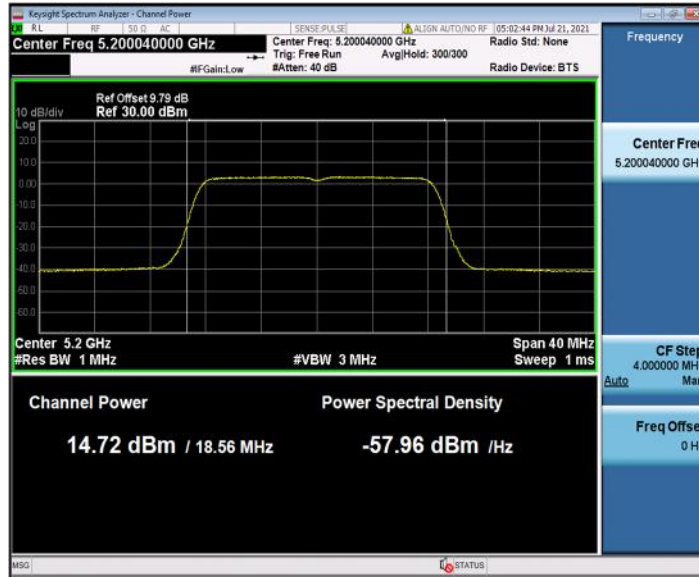
11A_Ant2_5180



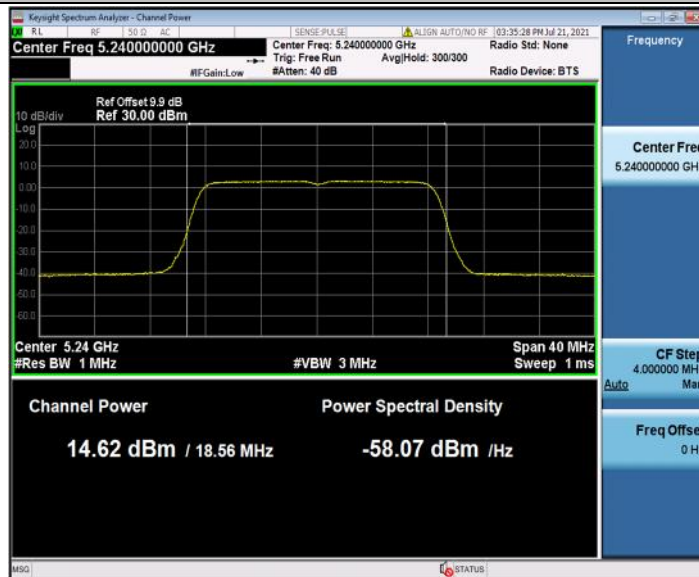
11A_Ant1_5200



11A_Ant2_5200



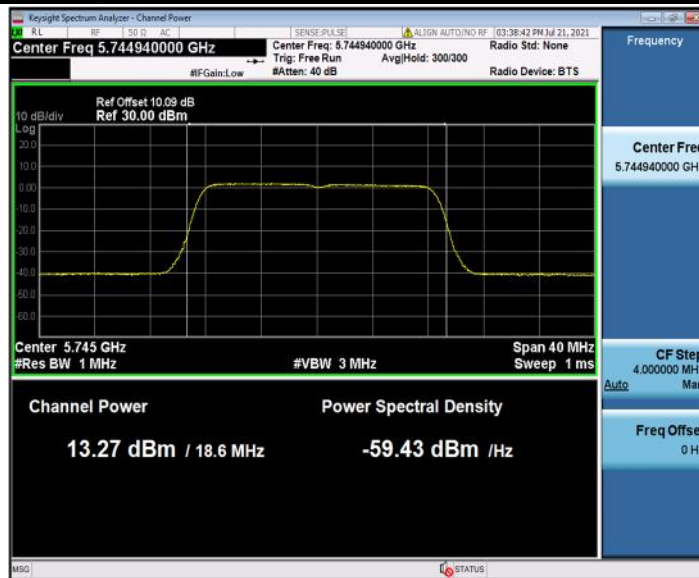
11A_Ant1_5240



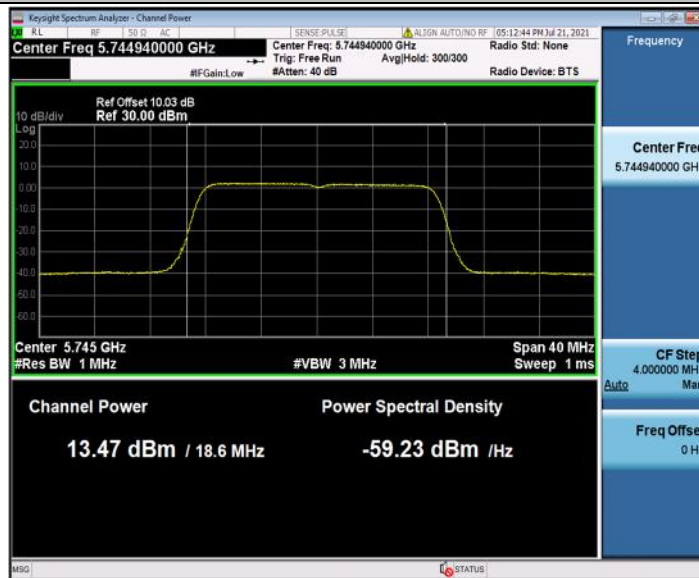
11A_Ant2_5240



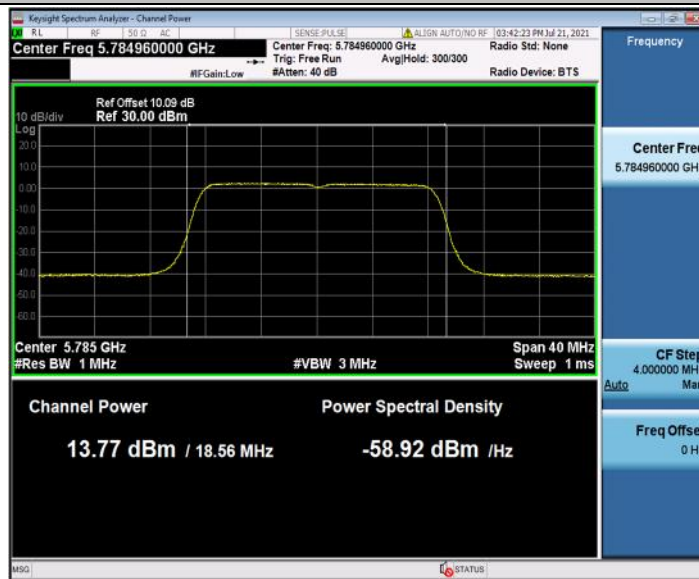
11A_Ant1_5745



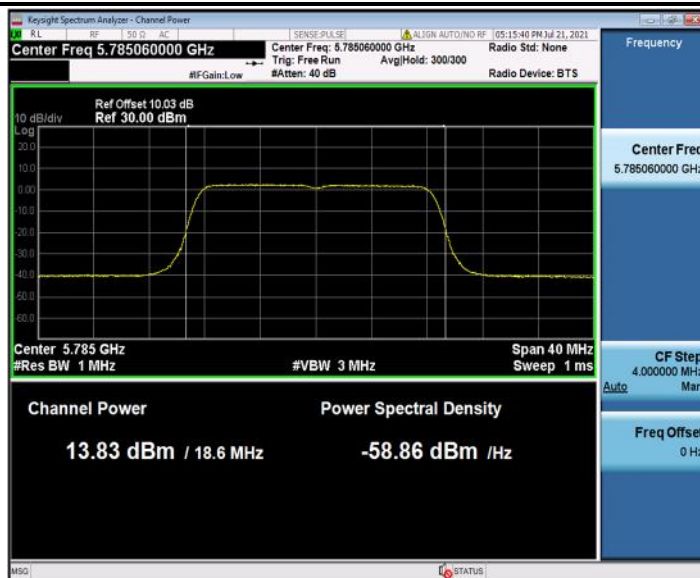
11A_Ant2_5745



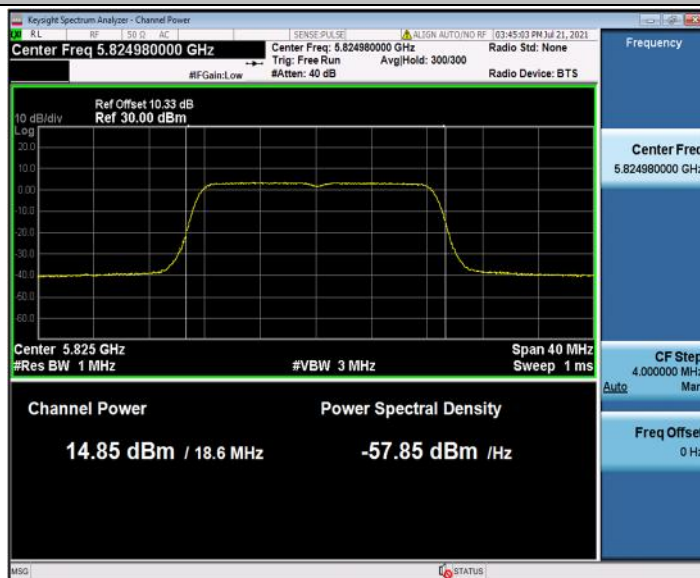
11A_Ant1_5785



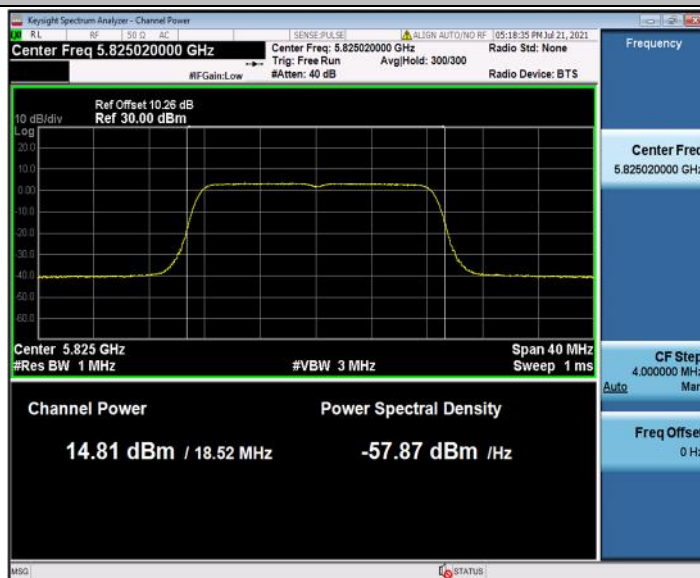
11A_Ant2_5785



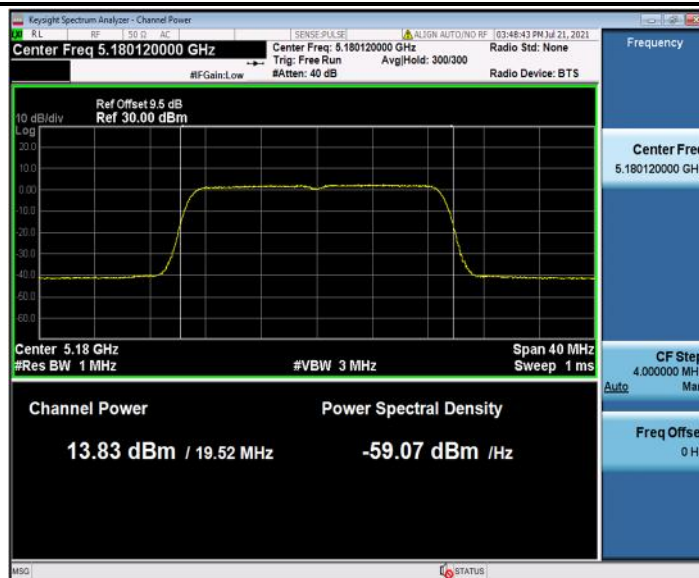
11A_Ant1_5825



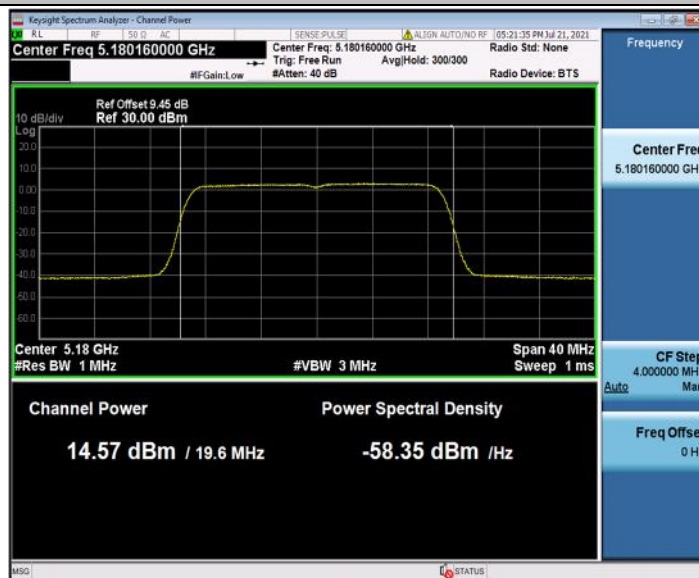
11A_Ant2_5825



11N20SISO_Ant1_5180



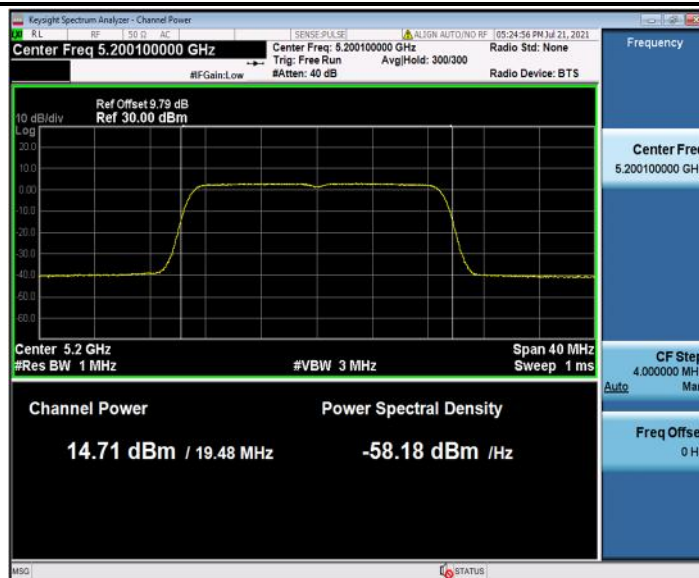
11N20SISO_Ant2_5180



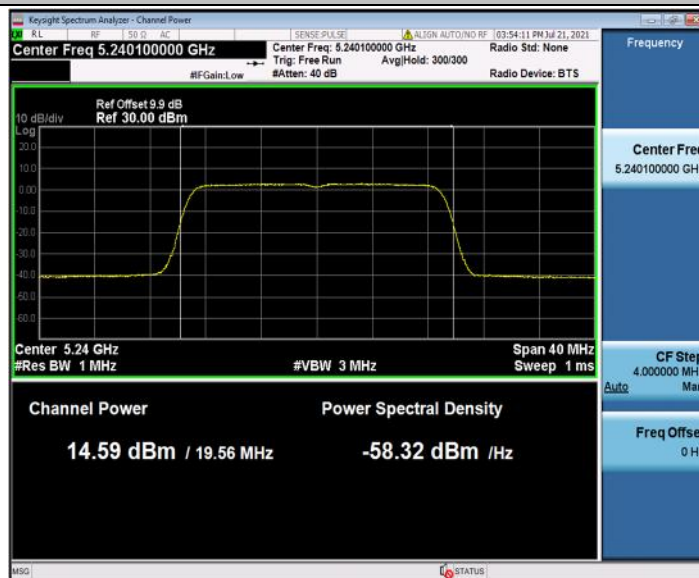
11N20SISO_Ant1_5200



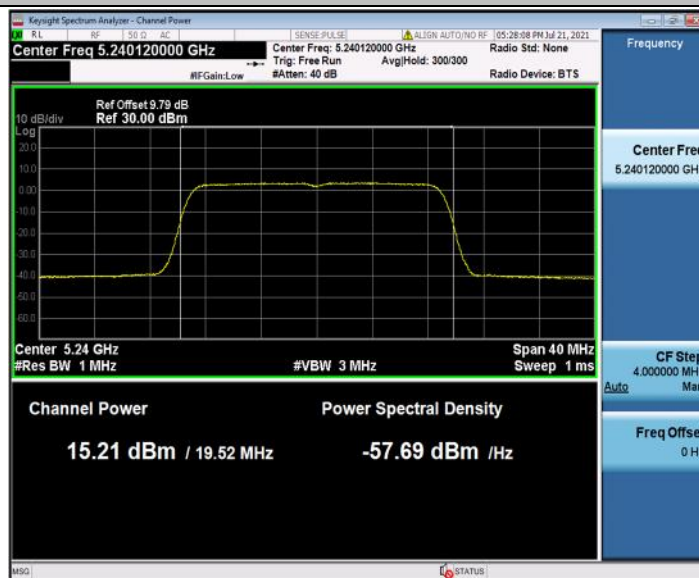
11N20SISO_Ant2_5200



11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



11N20SISO_Ant1_5745