



11N40MIMO_Ant2_5795



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785





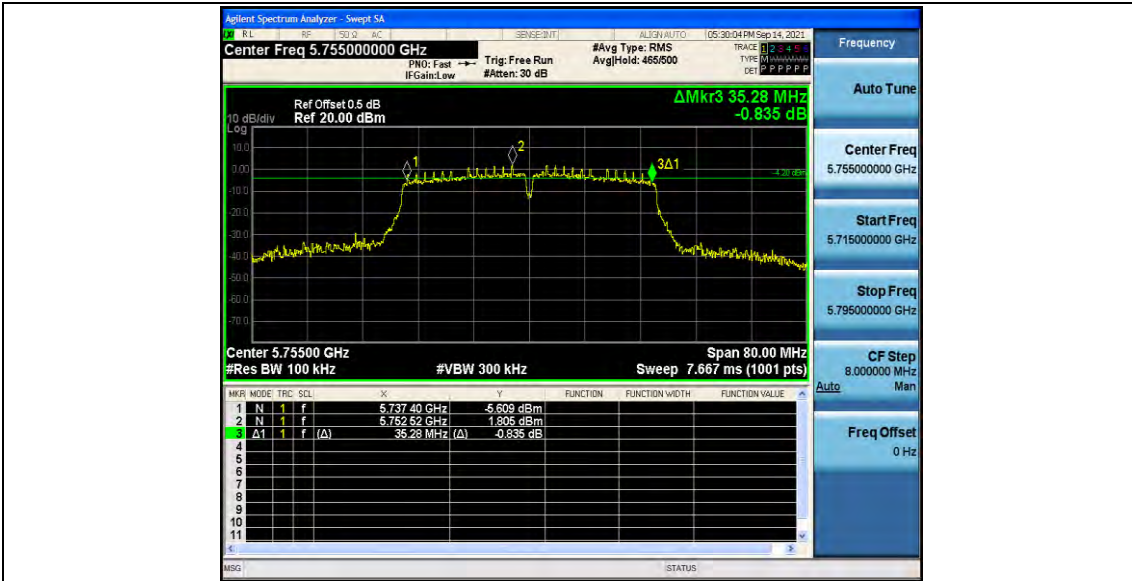
11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



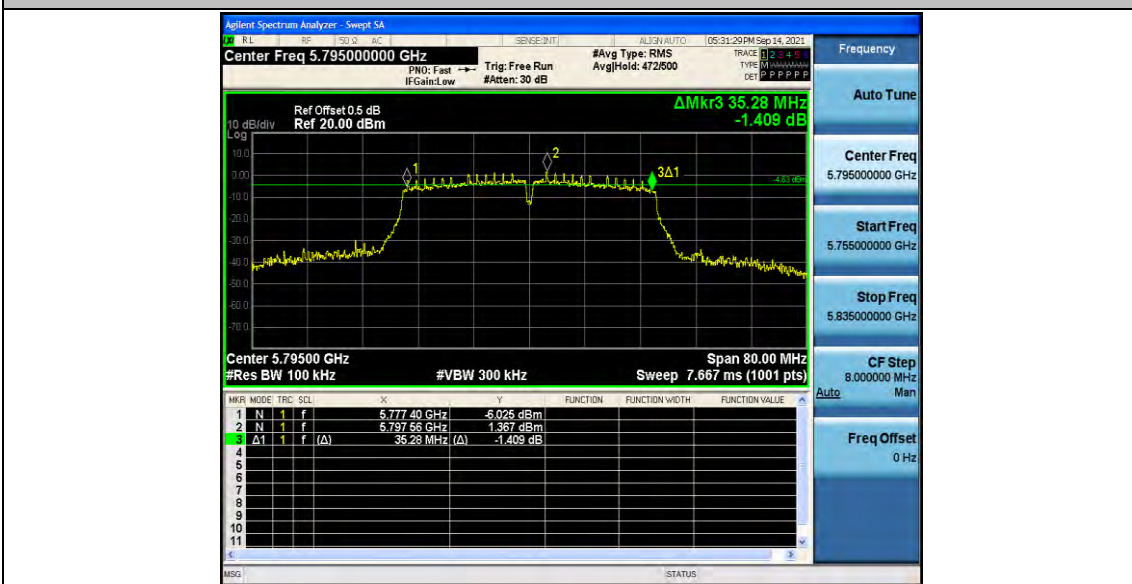
11AC40MIMO_Ant1_5755



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	17.95	<=23.98	PASS
	Ant2	5180	17.84	<=23.98	PASS
	Ant1	5200	17.68	<=23.98	PASS
	Ant2	5200	17.50	<=23.98	PASS
	Ant1	5240	17.27	<=23.98	PASS
	Ant2	5240	16.92	<=23.98	PASS
	Ant1	5260	17.10	<=23.98	PASS
	Ant2	5260	16.59	<=23.98	PASS
	Ant1	5280	16.84	<=23.98	PASS
	Ant2	5280	16.52	<=23.98	PASS
	Ant1	5320	17.13	<=23.98	PASS
	Ant2	5320	16.58	<=23.98	PASS
	Ant1	5500	17.54	<=23.98	PASS
	Ant2	5500	16.43	<=23.98	PASS
	Ant1	5580	18.02	<=23.98	PASS
	Ant2	5580	17.00	<=23.98	PASS
	Ant1	5700	18.28	<=23.98	PASS
	Ant2	5700	17.59	<=23.98	PASS
	Ant1	5745	18.31	<=30.00	PASS
	Ant2	5745	17.97	<=30.00	PASS
	Ant1	5785	18.20	<=30.00	PASS
	Ant2	5785	17.83	<=30.00	PASS
	Ant1	5825	17.49	<=30.00	PASS
	Ant2	5825	17.07	<=30.00	PASS
11N20MIMO	Ant1	5180	14.58	<=23.98	PASS
	Ant2	5180	14.68	<=23.98	PASS
	total	5180	17.60	<=23.98	PASS
	Ant1	5200	14.31	<=23.98	PASS
	Ant2	5200	14.23	<=23.98	PASS
	total	5200	17.30	<=23.98	PASS
	Ant1	5240	13.99	<=23.98	PASS
	Ant2	5240	13.43	<=23.98	PASS
	total	5240	16.70	<=23.98	PASS
	Ant1	5260	13.74	<=23.98	PASS
	Ant2	5260	13.25	<=23.98	PASS
	total	5260	16.50	<=23.98	PASS



	Ant1	5280	13.60	<=23.98	PASS
	Ant2	5280	13.02	<=23.98	PASS
	total	5280	16.30	<=23.98	PASS
	Ant1	5320	13.76	<=23.98	PASS
	Ant2	5320	13.34	<=23.98	PASS
	total	5320	16.60	<=23.98	PASS
	Ant1	5500	14.01	<=23.98	PASS
	Ant2	5500	13.08	<=23.98	PASS
	total	5500	16.60	<=23.98	PASS
	Ant1	5580	14.29	<=23.98	PASS
	Ant2	5580	13.41	<=23.98	PASS
	total	5580	16.90	<=23.98	PASS
	Ant1	5700	14.62	<=23.98	PASS
	Ant2	5700	13.92	<=23.98	PASS
	total	5700	17.30	<=23.98	PASS
	Ant1	5745	14.70	<=30.00	PASS
	Ant2	5745	14.32	<=30.00	PASS
	total	5745	17.50	<=30.00	PASS
	Ant1	5785	14.58	<=30.00	PASS
	Ant2	5785	14.33	<=30.00	PASS
	total	5785	17.50	<=30.00	PASS
	Ant1	5825	13.81	<=30.00	PASS
	Ant2	5825	13.60	<=30.00	PASS
	total	5825	16.70	<=30.00	PASS
11N40MIMO	Ant1	5190	14.36	<=23.98	PASS
	Ant2	5190	14.45	<=23.98	PASS
	total	5190	17.40	<=23.98	PASS
	Ant1	5230	14.24	<=23.98	PASS
	Ant2	5230	13.89	<=23.98	PASS
	total	5230	17.10	<=23.98	PASS
	Ant1	5270	13.91	<=23.98	PASS
	Ant2	5270	13.45	<=23.98	PASS
	total	5270	16.70	<=23.98	PASS
	Ant1	5310	13.89	<=23.98	PASS
	Ant2	5310	13.52	<=23.98	PASS
	total	5310	16.70	<=23.98	PASS
	Ant1	5510	14.33	<=23.98	PASS
	Ant2	5510	13.29	<=23.98	PASS
	total	5510	16.90	<=23.98	PASS
	Ant1	5550	14.45	<=23.98	PASS
	Ant2	5550	13.34	<=23.98	PASS
	total	5550	16.90	<=23.98	PASS
	Ant1	5670	14.89	<=23.98	PASS



	Ant2	5670	14.06	<=23.98	PASS
	total	5670	17.50	<=23.98	PASS
	Ant1	5755	14.88	<=30.00	PASS
	Ant2	5755	14.69	<=30.00	PASS
	total	5755	17.80	<=30.00	PASS
	Ant1	5795	14.75	<=30.00	PASS
	Ant2	5795	14.42	<=30.00	PASS
	total	5795	17.60	<=30.00	PASS
11AC20MIMO	Ant1	5180	14.46	<=23.98	PASS
	Ant2	5180	14.51	<=23.98	PASS
	total	5180	17.50	<=23.98	PASS
	Ant1	5200	14.19	<=23.98	PASS
	Ant2	5200	14.32	<=23.98	PASS
	total	5200	17.30	<=23.98	PASS
	Ant1	5240	13.84	<=23.98	PASS
	Ant2	5240	13.55	<=23.98	PASS
	total	5240	16.70	<=23.98	PASS
	Ant1	5260	13.68	<=23.98	PASS
	Ant2	5260	13.24	<=23.98	PASS
	total	5260	16.50	<=23.98	PASS
	Ant1	5280	13.44	<=23.98	PASS
	Ant2	5280	13.00	<=23.98	PASS
	total	5280	16.20	<=23.98	PASS
	Ant1	5320	13.60	<=23.98	PASS
	Ant2	5320	13.37	<=23.98	PASS
	total	5320	16.50	<=23.98	PASS
	Ant1	5500	13.88	<=23.98	PASS
	Ant2	5500	12.94	<=23.98	PASS
	total	5500	16.40	<=23.98	PASS
	Ant1	5580	14.28	<=23.98	PASS
	Ant2	5580	13.43	<=23.98	PASS
	total	5580	16.90	<=23.98	PASS
	Ant1	5700	14.55	<=23.98	PASS
	Ant2	5700	13.91	<=23.98	PASS
	total	5700	17.30	<=23.98	PASS
	Ant1	5745	14.56	<=30.00	PASS
	Ant2	5745	14.34	<=30.00	PASS
	total	5745	17.50	<=30.00	PASS
	Ant1	5785	14.36	<=30.00	PASS
	Ant2	5785	14.40	<=30.00	PASS
total	5785	17.40	<=30.00	PASS	
Ant1	5825	13.65	<=30.00	PASS	
Ant2	5825	13.58	<=30.00	PASS	



	total	5825	16.60	<=30.00	PASS
11AC40MIMO	Ant1	5190	14.48	<=23.98	PASS
	Ant2	5190	14.40	<=23.98	PASS
	total	5190	17.50	<=23.98	PASS
	Ant1	5230	14.16	<=23.98	PASS
	Ant2	5230	13.90	<=23.98	PASS
	total	5230	17.00	<=23.98	PASS
	Ant1	5270	13.83	<=23.98	PASS
	Ant2	5270	13.42	<=23.98	PASS
	total	5270	16.60	<=23.98	PASS
	Ant1	5310	13.88	<=23.98	PASS
	Ant2	5310	13.59	<=23.98	PASS
	total	5310	16.70	<=23.98	PASS
	Ant1	5510	14.34	<=23.98	PASS
	Ant2	5510	13.24	<=23.98	PASS
	total	5510	16.80	<=23.98	PASS
	Ant1	5550	14.30	<=23.98	PASS
	Ant2	5550	13.30	<=23.98	PASS
	total	5550	16.80	<=23.98	PASS
	Ant1	5670	14.82	<=23.98	PASS
	Ant2	5670	14.01	<=23.98	PASS
	total	5670	17.40	<=23.98	PASS
	Ant1	5755	14.87	<=30.00	PASS
	Ant2	5755	14.73	<=30.00	PASS
	total	5755	17.80	<=30.00	PASS
	Ant1	5795	14.69	<=30.00	PASS
	Ant2	5795	14.52	<=30.00	PASS
	total	5795	17.60	<=30.00	PASS
	11AC80MIMO	Ant1	5210	14.29	<=23.98
Ant2		5210	14.18	<=23.98	PASS
total		5210	17.20	<=23.98	PASS
Ant1		5290	14.07	<=23.98	PASS
Ant2		5290	13.74	<=23.98	PASS
total		5290	16.90	<=23.98	PASS
Ant1		5530	14.68	<=23.98	PASS
Ant2		5530	13.73	<=23.98	PASS
total		5530	17.20	<=23.98	PASS
Ant1		5610	14.98	<=23.98	PASS
Ant2		5610	14.19	<=23.98	PASS
total		5610	17.60	<=23.98	PASS
Ant1		5775	14.99	<=30.00	PASS
Ant2		5775	14.63	<=30.00	PASS
total		5775	17.80	<=30.00	PASS



Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	7.77	<=11	PASS
	Ant2	5180	7.67	<=11	PASS
	Ant1	5200	7.52	<=11	PASS
	Ant2	5200	7.33	<=11	PASS
	Ant1	5240	7.30	<=11	PASS
	Ant2	5240	6.85	<=11	PASS
	Ant1	5260	7.12	<=11	PASS
	Ant2	5260	6.64	<=11	PASS
	Ant1	5280	7.08	<=11	PASS
	Ant2	5280	6.58	<=11	PASS
	Ant1	5320	7.35	<=11	PASS
	Ant2	5320	6.78	<=11	PASS
	Ant1	5500	7.89	<=11	PASS
	Ant2	5500	6.82	<=11	PASS
	Ant1	5580	8.21	<=11	PASS
	Ant2	5580	7.12	<=11	PASS
	Ant1	5700	8.32	<=11	PASS
	Ant2	5700	7.63	<=11	PASS
	Ant1	5745	5.74	<=30	PASS
	Ant2	5745	5.42	<=30	PASS
	Ant1	5785	5.80	<=30	PASS
	Ant2	5785	5.43	<=30	PASS
	Ant1	5825	5.20	<=30	PASS
	Ant2	5825	4.63	<=30	PASS
11N20MIMO	Ant1	5180	4.19	<=11	PASS
	Ant2	5180	4.27	<=11	PASS
	total	5180	7.24	<=11	PASS
	Ant1	5200	3.94	<=11	PASS
	Ant2	5200	3.97	<=11	PASS
	total	5200	6.97	<=11	PASS
	Ant1	5240	3.76	<=11	PASS
	Ant2	5240	3.32	<=11	PASS
	total	5240	6.56	<=11	PASS
	Ant1	5260	3.68	<=11	PASS
	Ant2	5260	3.19	<=11	PASS
	total	5260	6.45	<=11	PASS
	Ant1	5280	3.57	<=11	PASS



	Ant2	5280	2.99	<=11	PASS
	total	5280	6.30	<=11	PASS
	Ant1	5320	3.92	<=11	PASS
	Ant2	5320	3.40	<=11	PASS
	total	5320	6.68	<=11	PASS
	Ant1	5500	4.26	<=11	PASS
	Ant2	5500	3.30	<=11	PASS
	total	5500	6.82	<=11	PASS
	Ant1	5580	4.34	<=11	PASS
	Ant2	5580	3.41	<=11	PASS
	total	5580	6.91	<=11	PASS
	Ant1	5700	4.34	<=11	PASS
	Ant2	5700	3.86	<=11	PASS
	total	5700	7.12	<=11	PASS
	Ant1	5745	2.09	<=30	PASS
	Ant2	5745	2.11	<=30	PASS
	total	5745	5.11	<=30	PASS
	Ant1	5785	2.06	<=30	PASS
	Ant2	5785	1.82	<=30	PASS
	total	5785	4.95	<=30	PASS
	Ant1	5825	1.48	<=30	PASS
	Ant2	5825	1.44	<=30	PASS
	total	5825	4.47	<=30	PASS
11N40MIMO	Ant1	5190	1.16	<=11	PASS
	Ant2	5190	1.23	<=11	PASS
	total	5190	4.21	<=11	PASS
	Ant1	5230	1.08	<=11	PASS
	Ant2	5230	0.76	<=11	PASS
	total	5230	3.93	<=11	PASS
	Ant1	5270	0.70	<=11	PASS
	Ant2	5270	0.35	<=11	PASS
	total	5270	3.54	<=11	PASS
	Ant1	5310	0.85	<=11	PASS
	Ant2	5310	0.53	<=11	PASS
	total	5310	3.70	<=11	PASS
	Ant1	5510	1.47	<=11	PASS
	Ant2	5510	0.46	<=11	PASS
	total	5510	4.00	<=11	PASS
	Ant1	5550	1.51	<=11	PASS
	Ant2	5550	0.48	<=11	PASS
	total	5550	4.04	<=11	PASS
	Ant1	5670	1.83	<=11	PASS
	Ant2	5670	0.99	<=11	PASS



	total	5670	4.44	<=11	PASS
	Ant1	5755	-0.83	<=30	PASS
	Ant2	5755	-1.08	<=30	PASS
	total	5755	2.06	<=30	PASS
	Ant1	5795	-1.00	<=30	PASS
	Ant2	5795	-1.35	<=30	PASS
	total	5795	1.84	<=30	PASS
11AC20MIMO	Ant1	5180	4.29	<=11	PASS
	Ant2	5180	4.29	<=11	PASS
	total	5180	7.30	<=11	PASS
	Ant1	5200	3.98	<=11	PASS
	Ant2	5200	4.01	<=11	PASS
	total	5200	7.01	<=11	PASS
	Ant1	5240	3.77	<=11	PASS
	Ant2	5240	3.44	<=11	PASS
	total	5240	6.62	<=11	PASS
	Ant1	5260	3.72	<=11	PASS
	Ant2	5260	3.01	<=11	PASS
	total	5260	6.39	<=11	PASS
	Ant1	5280	3.45	<=11	PASS
	Ant2	5280	3.11	<=11	PASS
	total	5280	6.29	<=11	PASS
	Ant1	5320	3.77	<=11	PASS
	Ant2	5320	3.56	<=11	PASS
	total	5320	6.68	<=11	PASS
	Ant1	5500	4.27	<=11	PASS
	Ant2	5500	3.34	<=11	PASS
	total	5500	6.84	<=11	PASS
	Ant1	5580	4.32	<=11	PASS
	Ant2	5580	3.54	<=11	PASS
	total	5580	6.96	<=11	PASS
	Ant1	5700	4.47	<=11	PASS
	Ant2	5700	3.85	<=11	PASS
	total	5700	7.18	<=11	PASS
	Ant1	5745	2.07	<=30	PASS
	Ant2	5745	2.06	<=30	PASS
	total	5745	5.08	<=30	PASS
	Ant1	5785	1.85	<=30	PASS
	Ant2	5785	1.91	<=30	PASS
total	5785	4.89	<=30	PASS	
Ant1	5825	1.44	<=30	PASS	
Ant2	5825	1.88	<=30	PASS	
total	5825	4.68	<=30	PASS	



11AC40MIMO	Ant1	5190	1.27	<=11	PASS
	Ant2	5190	1.19	<=11	PASS
	total	5190	4.24	<=11	PASS
	Ant1	5230	0.98	<=11	PASS
	Ant2	5230	0.71	<=11	PASS
	total	5230	3.86	<=11	PASS
	Ant1	5270	0.74	<=11	PASS
	Ant2	5270	0.23	<=11	PASS
	total	5270	3.50	<=11	PASS
	Ant1	5310	0.83	<=11	PASS
	Ant2	5310	0.64	<=11	PASS
	total	5310	3.75	<=11	PASS
	Ant1	5510	1.42	<=11	PASS
	Ant2	5510	0.40	<=11	PASS
	total	5510	3.95	<=11	PASS
	Ant1	5550	1.45	<=11	PASS
	Ant2	5550	0.45	<=11	PASS
	total	5550	3.99	<=11	PASS
	Ant1	5670	1.77	<=11	PASS
	Ant2	5670	0.99	<=11	PASS
	total	5670	4.41	<=11	PASS
	Ant1	5755	-0.84	<=30	PASS
	Ant2	5755	-0.76	<=30	PASS
	total	5755	2.21	<=30	PASS
Ant1	5795	-1.06	<=30	PASS	
Ant2	5795	-1.14	<=30	PASS	
total	5795	1.91	<=30	PASS	
11AC80MIMO	Ant1	5210	-1.75	<=11	PASS
	Ant2	5210	-1.77	<=11	PASS
	total	5210	1.25	<=11	PASS
	Ant1	5290	-2.21	<=11	PASS
	Ant2	5290	-2.19	<=11	PASS
	total	5290	0.81	<=11	PASS
	Ant1	5530	-1.62	<=11	PASS
	Ant2	5530	-2.35	<=11	PASS
	total	5530	1.04	<=11	PASS
	Ant1	5610	-0.96	<=11	PASS
	Ant2	5610	-1.89	<=11	PASS
	total	5610	1.61	<=11	PASS
	Ant1	5775	-3.17	<=30	PASS
	Ant2	5775	-3.78	<=30	PASS
	total	5775	-0.45	<=30	PASS

Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

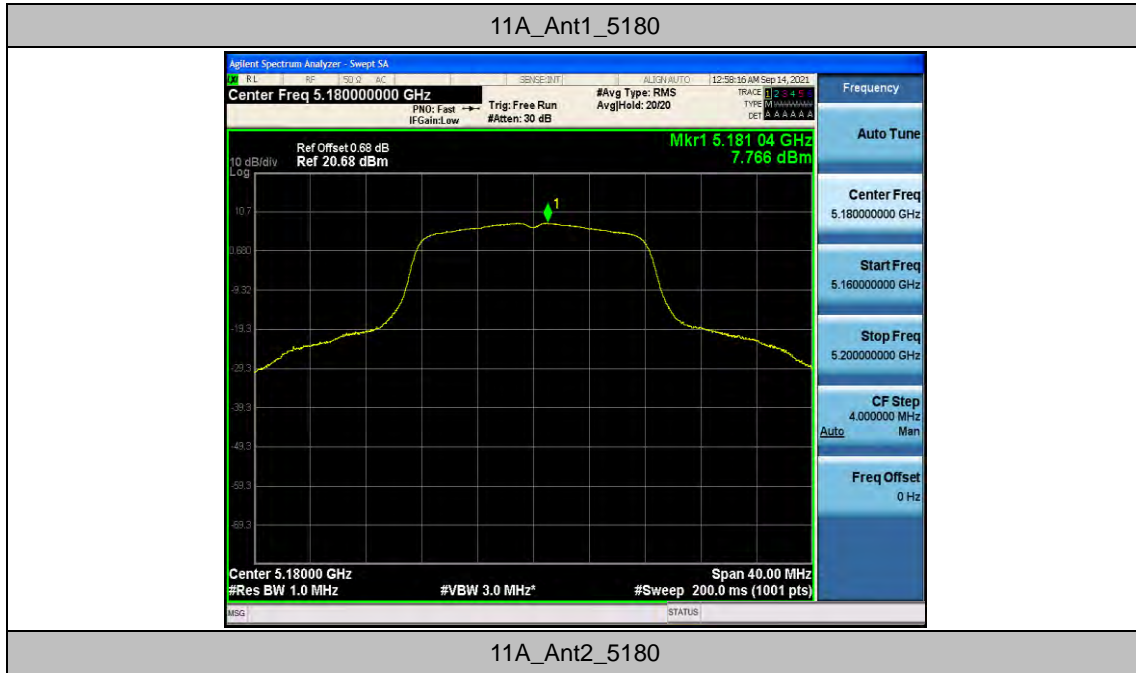


CTC Laboratories, Inc.

2. The Duty Cycle Factor and RBW Factor is compensated in the graph.



Test Graphs







11A_Ant2_5200



11A_Ant1_5240





11A_Ant2_5240



11A_Ant1_5260



11A_Ant2_5260



11A_Ant1_5280



11A_Ant2_5280





11A_Ant1_5320



11A_Ant2_5320



11A_Ant1_5500



11A_Ant2_5500



11A_Ant1_5580





11A_Ant2_5580



11A_Ant1_5700



11A_Ant2_5700



11A_Ant1_5745



11A_Ant2_5745





11A_Ant1_5785



11A_Ant2_5785



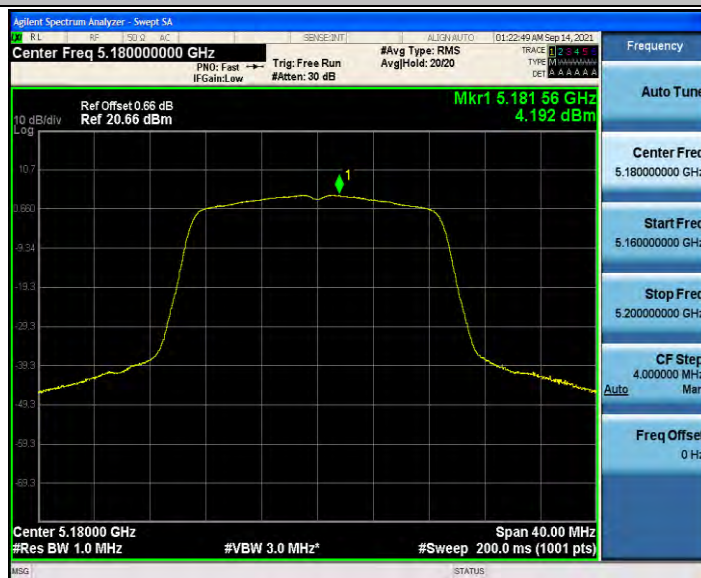
11A_Ant1_5825



11A_Ant2_5825



11N20MIMO_Ant1_5180





11N20MIMO_Ant2_5180



11N20MIMO_Ant1_5200



11N20MIMO_Ant2_5200



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_5700



11N20MIMO_Ant2_5700



11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785





11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190





11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



11N40MIMO_Ant1_5270