

























Appendix A3: Min emission bandwidth Test Result

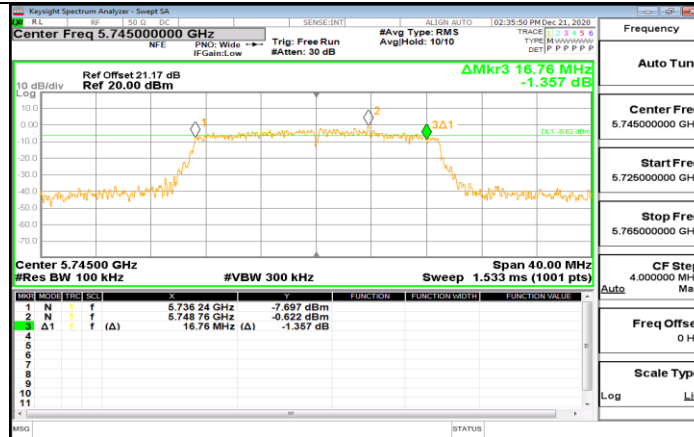
Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.800	5753.160	0.5	PASS
	Ant2	5745	12.680	5737.400	5750.080	0.5	PASS
	Ant1	5785	14.760	5777.200	5791.960	0.5	PASS
	Ant2	5785	15.720	5776.840	5792.560	0.5	PASS
	Ant1	5825	16.400	5816.800	5833.200	0.5	PASS
	Ant2	5825	16.360	5816.800	5833.160	0.5	PASS
11N20MIMO	Ant1	5745	16.760	5736.240	5753.000	0.5	PASS
	Ant2	5745	16.400	5736.840	5753.240	0.5	PASS
	Ant1	5785	14.640	5777.960	5792.600	0.5	PASS
	Ant2	5785	17.000	5776.240	5793.240	0.5	PASS
	Ant1	5825	17.640	5816.200	5833.840	0.5	PASS
	Ant2	5825	15.960	5816.600	5832.560	0.5	PASS
11N40MIMO	Ant1	5755	33.360	5737.400	5770.760	0.5	PASS
	Ant2	5755	33.280	5737.480	5770.760	0.5	PASS
	Ant1	5795	35.600	5777.080	5812.680	0.5	PASS
	Ant2	5795	34.960	5776.760	5811.720	0.5	PASS



Test Graphs



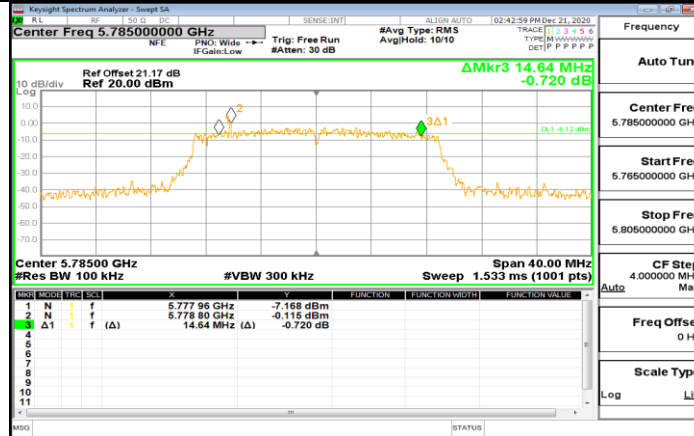




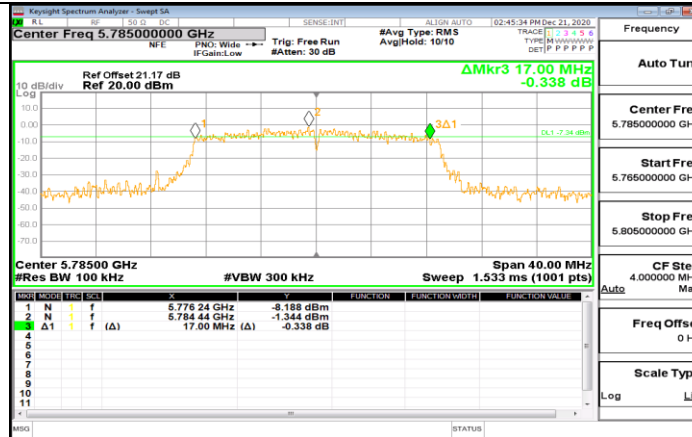
11N20MIMO Ant1 5745



11N20MIMO Ant2 5745



11N20MIMO Ant1 5785



11N20MIMO Ant2 5785

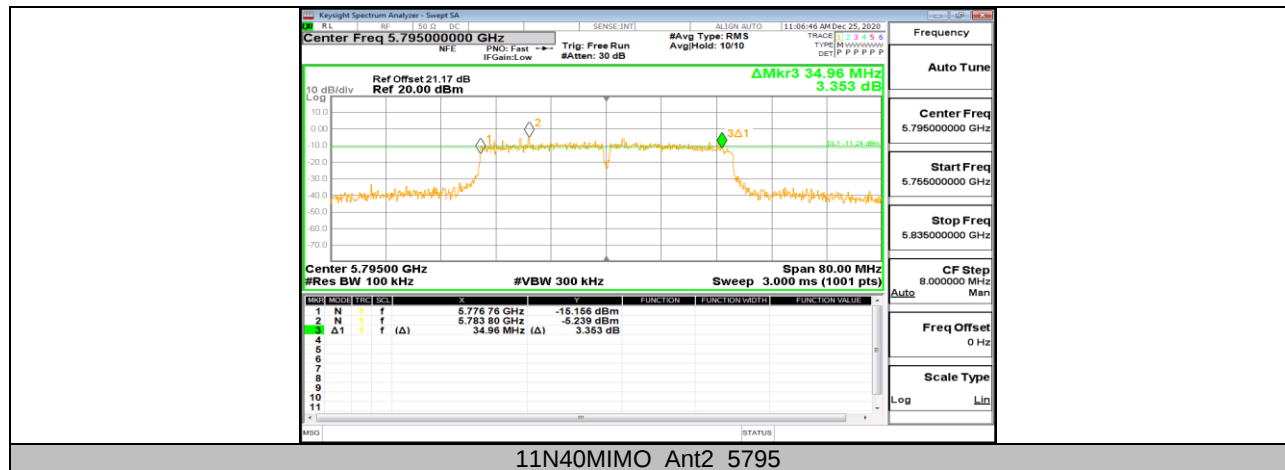


11N20MIMO Ant1 5825



11N20MIMO Ant2 5825





**Appendix B: Maximum AVG conducted output power****Test Result**

Test Mode	Antenna	Channel	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	15.01	<=23.98	---	17.02	<=22.21	PASS
	Ant2	5180	14.58	<=23.98	---	16.61	<=22.20	PASS
	Ant1	5200	15.30	<=23.98	---	17.31	<=22.19	PASS
	Ant2	5200	14.54	<=23.98	---	16.57	<=22.21	PASS
	Ant1	5240	15.01	<=23.98	---	17.02	<=22.20	PASS
	Ant2	5240	14.45	<=23.98	---	16.48	<=22.21	PASS
	Ant1	5260	14.71	<=23.86	<=23.17	16.72	<=29.17	PASS
	Ant2	5260	14.26	<=23.98	<=23.19	16.29	<=29.19	PASS
	Ant1	5280	14.24	<=23.88	<=23.20	16.25	<=29.20	PASS
	Ant2	5280	13.78	<=23.98	<=23.20	15.81	<=29.20	PASS
	Ant1	5320	13.67	<=23.95	<=23.17	15.68	<=29.17	PASS
	Ant2	5320	13.79	<=23.91	<=23.18	15.82	<=29.18	PASS
	Ant1	5500	13.93	<=23.80	<=23.19	15.94	<=29.19	PASS
	Ant2	5500	14.35	<=23.86	<=23.19	16.38	<=29.19	PASS
	Ant1	5580	15.01	<=23.98	<=23.21	17.02	<=29.21	PASS
	Ant2	5580	15.38	<=23.82	<=23.19	17.41	<=29.19	PASS
	Ant1	5700	14.08	<=23.93	<=23.17	16.09	<=29.17	PASS
	Ant2	5700	13.68	<=23.81	<=23.18	15.71	<=29.18	PASS
	Ant1	5720_UNII-2C	12.94	<=22.73	<=22.23	14.95	<=28.23	PASS
	Ant2	5720_UNII-2C	12.49	<=22.69	<=22.23	14.52	<=28.23	PASS
	Ant1	5720_UNII-3	5.72	<=30	<=30	7.73	---	PASS
	Ant2	5720_UNII-3	4.77	<=30	<=30	6.80	---	PASS
	Ant1	5745	13.54	<=30	<=30	15.55	---	PASS
	Ant2	5745	12.95	<=30	<=30	14.98	---	PASS
	Ant1	5785	13.21	<=30	<=30	15.22	---	PASS
	Ant2	5785	12.77	<=30	<=30	14.8	---	PASS
	Ant1	5825	12.24	<=30	<=30	14.25	---	PASS
	Ant2	5825	12.46	<=30	<=30	14.49	---	PASS
11N20MIMO	Ant1	5180	13.04	<=23.98	---	15.05	<=22.46	PASS
	Ant2	5180	12.70	<=23.98	---	14.73	<=22.44	PASS
	total	5180	15.88	<=23.98	---	20.91	<=22.44	PASS
	Ant1	5200	13.59	<=23.98	---	15.60	<=22.46	PASS
	Ant2	5200	12.94	<=23.98	---	14.97	<=22.47	PASS
	total	5200	16.29	<=23.98	---	21.32	<=22.47	PASS
	Ant1	5240	13.44	<=23.98	---	15.45	<=22.49	PASS
	Ant2	5240	12.69	<=23.98	---	14.72	<=22.46	PASS
	total	5240	16.09	<=23.98	---	21.12	<=22.46	PASS
	Ant1	5260	13.83	<=23.97	<=23.46	15.84	<=29.46	PASS
	Ant2	5260	13.54	<=23.98	<=23.46	15.57	<=29.46	PASS
	total	5260	16.70	<=23.98	<=23.46	21.73	<=29.46	PASS
	Ant1	5280	13.35	<=23.98	<=23.50	15.36	<=29.50	PASS
	Ant2	5280	13.09	<=23.98	<=23.49	15.12	<=29.49	PASS
	total	5280	16.23	<=23.98	<=23.49	21.26	<=29.49	PASS
	Ant1	5320	13.08	<=23.98	<=23.48	15.09	<=29.48	PASS
	Ant2	5320	13.24	<=23.98	<=23.44	15.27	<=29.44	PASS
	total	5320	16.17	<=23.98	<=23.44	21.20	<=29.44	PASS
	Ant1	5500	13.25	<=23.98	<=23.48	15.26	<=29.48	PASS
	Ant2	5500	13.80	<=23.94	<=23.47	15.83	<=29.47	PASS



	total	5500	16.54	<=23.94	<=23.47	21.57	<=29.47	PASS
	Ant1	5580	14.22	<=23.98	<=23.48	16.23	<=29.48	PASS
	Ant2	5580	14.67	<=23.93	<=23.47	16.70	<=29.47	PASS
	total	5580	17.46	<=23.93	<=23.47	22.49	<=29.47	PASS
	Ant1	5700	13.33	<=23.98	<=23.44	15.34	<=29.44	PASS
	Ant2	5700	13.17	<=23.91	<=23.46	15.20	<=29.46	PASS
	total	5700	16.26	<=23.91	<=23.46	21.29	<=29.46	PASS
	Ant1	5720_UNII-2C	12.12	<=22.77	<=22.40	14.13	<=28.40	PASS
	Ant2	5720_UNII-2C	11.75	<=22.69	<=22.36	13.78	<=28.36	PASS
	total	5720_UNII-2C	14.95	<=22.69	<=22.36	19.98	<=28.36	PASS
	Ant1	5720_UNII-3	5.42	<=30	<=30	7.43	---	PASS
	Ant2	5720_UNII-3	4.77	<=30	<=30	6.80	---	PASS
	total	5720_UNII-3	8.12	<=30	<=30	13.15	---	PASS
	Ant1	5745	12.49	<=30	<=30	14.50	---	PASS
	Ant2	5745	12.32	<=30	<=30	14.35	---	PASS
	total	5745	15.42	<=30	<=30	20.45	---	PASS
	Ant1	5785	12.26	<=30	<=30	14.27	---	PASS
	Ant2	5785	12.09	<=30	<=30	14.12	---	PASS
	total	5785	15.19	<=30	<=30	20.22	---	PASS
	Ant1	5825	11.46	<=30	<=30	13.47	---	PASS
	Ant2	5825	11.70	<=30	<=30	13.73	---	PASS
	total	5825	14.59	<=30	<=30	19.62	---	PASS
11N40MIMO	Ant1	5190	12.36	<=23.98	---	14.37	<=23	PASS
	Ant2	5190	12.28	<=23.98	---	14.31	<=23	PASS
	total	5190	15.33	<=23.98	---	20.36	<=23	PASS
	Ant1	5230	12.29	<=23.98	---	14.30	<=23	PASS
	Ant2	5230	10.81	<=23.98	---	12.84	<=23	PASS
	total	5230	14.62	<=23.98	---	19.65	<=23	PASS
	Ant1	5270	11.39	<=23.98	<=23.98	13.40	<=30	PASS
	Ant2	5270	10.28	<=23.98	<=23.98	12.31	<=30	PASS
	total	5270	13.90	<=23.98	<=23.98	18.93	<=30	PASS
	Ant1	5310	11.00	<=23.98	<=23.98	13.01	<=30	PASS
	Ant2	5310	10.22	<=23.98	<=23.98	12.25	<=30	PASS
	total	5310	13.64	<=23.98	<=23.98	18.67	<=30	PASS
	Ant1	5510	10.18	<=23.98	<=23.98	12.19	<=30	PASS
	Ant2	5510	10.47	<=23.98	<=23.98	12.50	<=30	PASS
	total	5510	13.34	<=23.98	<=23.98	18.37	<=30	PASS
	Ant1	5590	12.02	<=23.98	<=23.98	14.03	<=30	PASS
	Ant2	5590	11.91	<=23.98	<=23.98	13.94	<=30	PASS
	total	5590	14.98	<=23.98	<=23.98	20.01	<=30	PASS
	Ant1	5670	12.03	<=23.98	<=23.98	14.04	<=30	PASS
	Ant2	5670	11.81	<=23.98	<=23.98	13.84	<=30	PASS
	total	5670	14.93	<=23.98	<=23.98	19.96	<=30	PASS
	Ant1	5710_UNII-2C	10.92	<=23.98	<=23.98	12.93	<=30	PASS
	Ant2	5710_UNII-2C	10.27	<=23.98	<=23.98	12.30	<=30	PASS
	total	5710_UNII-2C	13.62	<=23.98	<=23.98	18.65	<=30	PASS
	Ant1	5710_UNII-3	-0.77	<=30	<=30	1.24	---	PASS
	Ant2	5710_UNII-3	-1.84	<=30	<=30	0.19	---	PASS
	total	5710_UNII-3	1.74	<=30	<=30	6.77	---	PASS



	Ant1	5755	10.82	<=30	<=30	12.83	---	PASS
	Ant2	5755	10.30	<=30	<=30	12.33	---	PASS
	total	5755	13.58	<=30	<=30	18.61	---	PASS
	Ant1	5795	10.54	<=30	<=30	12.55	---	PASS
	Ant2	5795	10.15	<=30	<=30	12.18	---	PASS
	total	5795	13.36	<=30	<=30	18.39	---	PASS

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



Appendix C: Maximum power spectral density Test Result

Test Mode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	5.19	<=11	7.20	<=10	PASS
		5200	5.39	<=11	7.40	<=10	PASS
		5240	4.91	<=11	6.92	<=10	PASS
		5260	4.63	<=11	---	---	PASS
		5280	3.99	<=11	---	---	PASS
		5320	3.96	<=11	---	---	PASS
		5500	3.96	<=11	---	---	PASS
		5580	4.94	<=11	---	---	PASS
		5700	3.89	<=11	---	---	PASS
		5720_UNII-2C	3.69	<=11	---	---	PASS
		5720_UNII-3	-1.25	<=11	---	---	PASS
		5745	0.45	<=30	---	---	PASS
		5785	0.35	<=30	---	---	PASS
		5825	-0.87	<=30	---	---	PASS
11N20MIMO	Ant1	5180	1.78	<=11	3.79	<=10	PASS
	Ant2	5180	1.76	<=11	3.79	<=10	PASS
	total	5180	4.78	<=11	9.81	<=10	PASS
	Ant1	5200	1.97	<=11	3.98	<=10	PASS
	Ant2	5200	1.50	<=11	3.53	<=10	PASS
	total	5200	4.75	<=11	9.78	<=10	PASS
	Ant1	5240	1.85	<=11	3.86	<=10	PASS
	Ant2	5240	1.00	<=11	3.03	<=10	PASS
	total	5240	4.46	<=11	9.49	<=10	PASS
	Ant1	5260	3.35	<=11	---	---	PASS
	Ant2	5260	3.08	<=11	---	---	PASS
	total	5260	6.23	<=11	---	---	PASS
	Ant1	5280	2.89	<=11	---	---	PASS
	Ant2	5280	2.34	<=11	---	---	PASS
	total	5280	5.63	<=11	---	---	PASS
	Ant1	5320	2.76	<=11	---	---	PASS
	Ant2	5320	2.5	<=11	---	---	PASS
	total	5320	5.64	<=11	---	---	PASS
	Ant1	5500	2.98	<=11	---	---	PASS
	Ant2	5500	2.72	<=11	---	---	PASS
	total	5500	5.86	<=11	---	---	PASS
	Ant1	5580	4.23	<=11	---	---	PASS
	Ant2	5580	3.88	<=11	---	---	PASS
	total	5580	7.07	<=11	---	---	PASS
	Ant1	5700	2.92	<=11	---	---	PASS
	Ant2	5700	2.25	<=11	---	---	PASS
	total	5700	5.61	<=11	---	---	PASS
	Ant1	5720_UNII-2C	2.74	<=11	---	---	PASS
	Ant2	5720_UNII-2C	1.6	<=11	---	---	PASS
	total	5720_UNII-2C	5.22	<=11	---	---	PASS
	Ant1	5720_UNII-3	-1.66	<=11	---	---	PASS
	Ant2	5720_UNII-3	-3.07	<=11	---	---	PASS
	total	5720_UNII-3	0.70	<=11	---	---	PASS
	Ant1	5745	-0.39	<=30	---	---	PASS
	Ant2	5745	-1.26	<=30	---	---	PASS



	total	5745	2.21	<=30	---	---	PASS
	Ant1	5785	-0.82	<=30	---	---	PASS
	Ant2	5785	-1.46	<=30	---	---	PASS
	total	5785	1.88	<=30	---	---	PASS
	Ant1	5825	-1.4	<=30	---	---	PASS
	Ant2	5825	-1.67	<=30	---	---	PASS
	total	5825	1.48	<=30	---	---	PASS
11N40MIMO	Ant1	5190	-1.27	<=11	0.74	<=10	PASS
	Ant2	5190	-2.78	<=11	-0.75	<=10	PASS
	total	5190	1.05	<=11	6.08	<=10	PASS
	Ant1	5230	-0.7	<=11	1.31	<=10	PASS
	Ant2	5230	-2.8	<=11	-0.77	<=10	PASS
	total	5230	1.39	<=11	6.42	<=10	PASS
	Ant1	5270	-2.04	<=11	---	---	PASS
	Ant2	5270	-3.55	<=11	---	---	PASS
	total	5270	0.28	<=11	---	---	PASS
	Ant1	5310	-2.16	<=11	---	---	PASS
	Ant2	5310	-3.79	<=11	---	---	PASS
	total	5310	0.11	<=11	---	---	PASS
	Ant1	5510	-3.05	<=11	---	---	PASS
	Ant2	5510	-3.62	<=11	---	---	PASS
	total	5510	-0.32	<=11	---	---	PASS
	Ant1	5590	-1.74	<=11	---	---	PASS
	Ant2	5590	-1.45	<=11	---	---	PASS
	total	5590	1.42	<=11	---	---	PASS
	Ant1	5670	-1.92	<=11	---	---	PASS
	Ant2	5670	-1.91	<=11	---	---	PASS
	total	5670	1.10	<=11	---	---	PASS
	Ant1	5710_UNII-2C	-2.65	<=11	---	---	PASS
	Ant2	5710_UNII-2C	-1.57	<=11	---	---	PASS
	total	5710_UNII-2C	0.93	<=11	---	---	PASS
	Ant1	5710_UNII-3	-7.8	<=11	---	---	PASS
	Ant2	5710_UNII-3	-7.18	<=11	---	---	PASS
	total	5710_UNII-3	-4.47	<=11	---	---	PASS
	Ant1	5755	-5.74	<=30	---	---	PASS
	Ant2	5755	-6.3	<=30	---	---	PASS
	total	5755	-3.00	<=30	---	---	PASS
	Ant1	5795	-5.85	<=30	---	---	PASS
	Ant2	5795	-6.46	<=30	---	---	PASS
	total	5795	-3.13	<=30	---	---	PASS

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

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



Test Graphs

