



























**Appendix B: Maximum 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	14.97	<=24	---	17.98	<=22.16	PASS
	Ant2	5180	15.19	<=24	---	20.07	<=22.18	PASS
	Ant1	5200	15.22	<=24	---	18.23	<=22.17	PASS
	Ant2	5200	15.15	<=24	---	20.03	<=22.16	PASS
	Ant1	5240	15.11	<=24	---	18.12	<=22.17	PASS
	Ant2	5240	15.27	<=24	---	20.15	<=22.16	PASS
	Ant1	5260	14.95	<=23.62	<=23.17	17.96	<=29.17	PASS
	Ant2	5260	15.12	<=23.52	<=23.17	20.00	<=29.17	PASS
	Ant1	5280	14.95	<=23.61	<=23.15	17.96	<=29.15	PASS
	Ant2	5280	15.07	<=23.64	<=23.17	19.95	<=29.17	PASS
	Ant1	5320	15.15	<=23.64	<=23.17	18.16	<=29.17	PASS
	Ant2	5320	15.26	<=23.53	<=23.17	20.14	<=29.17	PASS
	Ant1	5500	15.02	<=23.56	<=23.17	18.03	<=29.17	PASS
	Ant2	5500	15.26	<=23.63	<=23.16	20.14	<=29.16	PASS
	Ant1	5600	15.22	<=23.61	<=23.17	18.23	<=29.17	PASS
	Ant2	5600	15.57	<=23.65	<=23.17	20.45	<=29.17	PASS
	Ant1	5700	14.85	<=23.70	<=23.16	17.86	<=29.16	PASS
	Ant2	5700	15.45	<=23.57	<=23.17	20.33	<=29.17	PASS
	Ant1	5720_UNII-2C	13.74	<=22.50	<=22.20	16.75	<=28.20	PASS
	Ant2	5720_UNII-2C	15.19	<=22.47	<=22.20	20.07	<=28.20	PASS
	Ant1	5720_UNII-3	7.90	<=30	<=30	---	---	PASS
	Ant2	5720_UNII-3	8.98	<=30	<=30	---	---	PASS
	Ant1	5745	15.10	<=30	<=30	---	---	PASS
	Ant2	5745	15.77	<=30	<=30	---	---	PASS
	Ant1	5785	15.03	<=30	<=30	---	---	PASS
	Ant2	5785	15.70	<=30	<=30	---	---	PASS
	Ant1	5825	15.03	<=30	<=30	---	---	PASS
	Ant2	5825	15.51	<=30	<=30	---	---	PASS
11N20MIMO	Ant1	5180	10.51	<=24	---	---	---	PASS
	Ant2	5180	10.50	<=24	---	---	---	PASS
	total	5180	13.52	<=22.99	---	20.53	<=22.47	PASS
	Ant1	5200	10.37	<=24	---	---	---	PASS
	Ant2	5200	10.47	<=24	---	---	---	PASS
	total	5200	13.43	<=22.99	---	20.44	<=22.46	PASS
	Ant1	5240	10.41	<=24	---	---	---	PASS
	Ant2	5240	10.49	<=24	---	---	---	PASS
	total	5240	13.46	<=22.99	---	17.47	<=22.46	PASS
	Ant1	5260	15.00	<=23.82	<=23.46	---	---	PASS
	Ant2	5260	14.67	<=23.83	<=23.46	---	---	PASS
	total	5260	17.85	<=22.82	<=22.45	24.86	<=29.46	PASS
	Ant1	5280	15.23	<=23.82	<=23.45	---	---	PASS
	Ant2	5280	15.00	<=23.81	<=23.46	---	---	PASS
	total	5280	18.13	<=22.80	<=22.45	25.14	<=29.46	PASS
	Ant1	5320	15.02	<=23.84	<=23.47	---	---	PASS
	Ant2	5320	14.76	<=23.84	<=23.47	---	---	PASS
	total	5320	18.00	<=22.83	<=22.46	25.01	<=29.47	PASS
	Ant1	5500	15.06	<=23.83	<=23.46	---	---	PASS
	Ant2	5500	14.97	<=23.86	<=23.46	---	---	PASS
	total	5500	18.03	<=22.85	<=22.45	25.04	<=29.46	PASS
	Ant1	5600	15.05	<=23.89	<=23.47	---	---	PASS
	Ant2	5600	15.26	<=23.87	<=23.46	---	---	PASS



	total	5600	18.17	<=22.86	<=22.45	25.18	<=29.46	PASS
	Ant1	5700	15.14	<=23.81	<=23.46	---	---	PASS
	Ant2	5700	15.71	<=23.78	<=23.46	---	---	PASS
	total	5700	18.44	<=22.77	<=22.45	25.45	<=29.46	PASS
	Ant1	5720_UNII-2C	12.89	<=22.57	<=22.35	---	---	PASS
	Ant2	5720_UNII-2C	13.66	<=22.63	<=22.32	---	---	PASS
	total	5720_UNII-2C	16.30	<=21.62	<=21.31	23.31	<=28.32	PASS
	Ant1	5720_UNII-3	7.65	<=30	<=30	---	---	PASS
	Ant2	5720_UNII-3	8.38	<=30	<=30	---	---	PASS
	total	5720_UNII-3	11.0	<=28.99	<=28.99	---	---	PASS
	Ant1	5745	14.85	<=30	<=30	---	---	PASS
	Ant2	5745	15.03	<=30	<=30	---	---	PASS
	total	5745	18.0	<=28.99	<=28.99	---	---	PASS
	Ant1	5785	14.91	<=30	<=30	---	---	PASS
	Ant2	5785	15.10	<=30	<=30	---	---	PASS
	total	5785	18.0	<=28.99	<=28.99	---	---	PASS
	Ant1	5825	15.09	<=30	<=30	---	---	PASS
	Ant2	5825	15.13	<=30	<=30	---	---	PASS
	total	5825	18.1	<=28.99	<=28.99	---	---	PASS
11N40MIMO	Ant1	5190	11.99	<=24	---	---	---	PASS
	Ant2	5190	11.97	<=24	---	---	---	PASS
	total	5190	14.99	<=22.99	---	22.00	<=23	PASS
	Ant1	5230	11.86	<=24	---	---	---	PASS
	Ant2	5230	12.15	<=24	---	---	---	PASS
	total	5230	15.02	<=22.99	---	22.03	<=23	PASS
	Ant1	5270	15.04	<=24	<=24	---	---	PASS
	Ant2	5270	14.86	<=24	<=24	---	---	PASS
	total	5270	17.96	<=22.99	<=22.99	24.97	<=30	PASS
	Ant1	5310	15.04	<=24	<=24	---	---	PASS
	Ant2	5310	14.80	<=24	<=24	---	---	PASS
	total	5310	17.93	<=22.99	<=22.99	24.94	<=30	PASS
	Ant1	5510	15.23	<=24	<=24	---	---	PASS
	Ant2	5510	15.16	<=24	<=24	---	---	PASS
	total	5510	18.21	<=22.99	<=22.99	25.22	<=30	PASS
	Ant1	5590	14.93	<=24	<=24	---	---	PASS
	Ant2	5590	15.15	<=24	<=24	---	---	PASS
	total	5590	18.05	<=22.99	<=22.99	25.06	<=30	PASS
	Ant1	5670	15.17	<=24	<=24	---	---	PASS
	Ant2	5670	15.74	<=24	<=24	---	---	PASS
	total	5670	18.47	<=22.99	<=22.99	25.48	<=30	PASS
	Ant1	5710_UNII-2C	14.22	<=24	<=24	---	---	PASS
	Ant2	5710_UNII-2C	14.97	<=24	<=24	---	---	PASS
	total	5710_UNII-2C	17.62	<=22.99	<=22.99	24.63	<=30	PASS
	Ant1	5710_UNII-3	2.25	<=30	<=30	---	---	PASS
	Ant2	5710_UNII-3	2.94	<=30	<=30	---	---	PASS
	total	5710_UNII-3	5.6	<=28.99	<=28.99	---	---	PASS
	Ant1	5755	15.09	<=30	<=30	---	---	PASS
	Ant2	5755	15.26	<=30	<=30	---	---	PASS
	total	5755	18.2	<=28.99	<=28.99	---	---	PASS
	Ant1	5795	14.87	<=30	<=30	---	---	PASS
	Ant2	5795	15.18	<=30	<=30	---	---	PASS
	total	5795	18.0	<=28.99	<=28.99	---	---	PASS
11AC20MIMO	Ant1	5180	10.13	<=24	---	---	---	PASS
	Ant2	5180	10.13	<=24	---	---	---	PASS
	total	5180	13.14	<=22.99	---	20.15	<=22.47	PASS



	Ant1	5200	10.16	<=24	---	---	---	PASS
	Ant2	5200	10.33	<=24	---	---	---	PASS
	total	5200	13.26	<=22.99	---	20.27	<=22.46	PASS
	Ant1	5240	10.25	<=24	---	---	---	PASS
	Ant2	5240	10.54	<=24	---	---	---	PASS
	total	5240	13.41	<=22.99	---	20.42	<=22.47	PASS
	Ant1	5260	14.37	<=23.85	<=23.45	---	---	PASS
	Ant2	5260	14.21	<=23.87	<=23.47	---	---	PASS
	total	5260	17.30	<=22.86	<=22.46	24.31	<=29.47	PASS
	Ant1	5280	14.33	<=23.90	<=23.46	---	---	PASS
	Ant2	5280	14.26	<=23.85	<=23.46	---	---	PASS
	total	5280	17.31	<=22.84	<=22.45	24.32	<=29.46	PASS
	Ant1	5320	14.14	<=23.82	<=23.47	---	---	PASS
	Ant2	5320	14.11	<=23.81	<=23.46	---	---	PASS
	total	5320	17.14	<=22.80	<=22.45	24.15	<=29.46	PASS
	Ant1	5500	14.14	<=23.89	<=23.46	---	---	PASS
	Ant2	5500	14.01	<=23.81	<=23.45	---	---	PASS
	total	5500	17.09	<=22.80	<=22.44	24.09	<=29.45	PASS
	Ant1	5600	14.19	<=23.84	<=23.47	---	---	PASS
	Ant2	5600	14.46	<=23.84	<=23.47	---	---	PASS
	total	5600	17.34	<=22.83	<=22.46	24.35	<=29.47	PASS
	Ant1	5700	13.96	<=23.81	<=23.45	---	---	PASS
	Ant2	5700	14.70	<=23.86	<=23.45	---	---	PASS
	total	5700	17.36	<=22.85	<=22.44	24.37	<=29.45	PASS
	Ant1	5720_UNII-2C	11.85	<=22.58	<=22.35	---	---	PASS
	Ant2	5720_UNII-2C	12.66	<=22.57	<=22.33	---	---	PASS
	total	5720_UNII-2C	15.28	<=22.57	<=22.33	22.29	<=28.33	PASS
	Ant1	5720_UNII-3	6.71	<=30	<=30	---	---	PASS
	Ant2	5720_UNII-3	7.50	<=30	<=30	---	---	PASS
	total	5720_UNII-3	10.1	<=28.99	<=28.99	---	---	PASS
	Ant1	5745	14.10	<=30	<=30	---	---	PASS
	Ant2	5745	14.38	<=30	<=30	---	---	PASS
	total	5745	17.3	<=28.99	<=28.99	---	---	PASS
	Ant1	5785	14.08	<=30	<=30	---	---	PASS
	Ant2	5785	14.32	<=30	<=30	---	---	PASS
	total	5785	17.2	<=28.99	<=28.99	---	---	PASS
	Ant1	5825	14.09	<=30	<=30	---	---	PASS
	Ant2	5825	14.14	<=30	<=30	---	---	PASS
	total	5825	17.1	<=28.99	<=28.99	---	---	PASS
11AC40MIMO	Ant1	5190	11.77	<=24	---	---	---	PASS
	Ant2	5190	11.88	<=24	---	---	---	PASS
	total	5190	14.84	<=22.99	---	21.85	<=23	PASS
	Ant1	5230	11.85	<=24	---	---	---	PASS
	Ant2	5230	12.17	<=24	---	---	---	PASS
	total	5230	15.02	<=22.99	---	22.03	<=23	PASS
	Ant1	5270	14.12	<=24	<=24	---	---	PASS
	Ant2	5270	13.91	<=24	<=24	---	---	PASS
	total	5270	17.03	<=22.99	<=22.99	24.04	<=30	PASS
	Ant1	5310	14.14	<=24	<=24	---	---	PASS
	Ant2	5310	13.96	<=24	<=24	---	---	PASS
	total	5310	17.06	<=22.99	<=22.99	24.07	<=30	PASS
	Ant1	5510	14.04	<=24	<=24	---	---	PASS
	Ant2	5510	13.91	<=24	<=24	---	---	PASS
	total	5510	16.99	<=22.99	<=22.99	24.00	<=30	PASS
	Ant1	5590	13.94	<=24	<=24	---	---	PASS
	Ant2	5590	14.19	<=24	<=24	---	---	PASS
	total	5590	17.08	<=22.99	<=22.99	24.09	<=30	PASS
	Ant1	5670	14.28	<=24	<=24	---	---	PASS



	Ant2	5670	14.77	<=24	<=24	---	---	PASS
	total	5670	17.54	<=22.99	<=22.99	24.55	<=30	PASS
	Ant1	5710_UNII-2C	13.28	<=24	<=24	---	---	PASS
	Ant2	5710_UNII-2C	13.96	<=24	<=24	---	---	PASS
	total	5710_UNII-2C	16.64	<=22.99	<=22.99	23.65	<=30	PASS
	Ant1	5710_UNII-3	1.35	<=30	<=30	---	---	PASS
	Ant2	5710_UNII-3	1.96	<=30	<=30	---	---	PASS
	total	5710_UNII-3	4.7	<=28.99	<=28.99	---	---	PASS
	Ant1	5755	14.36	<=30	<=30	---	---	PASS
	Ant2	5755	14.34	<=30	<=30	---	---	PASS
	total	5755	17.4	<=28.99	<=28.99	---	---	PASS
	Ant1	5795	14.20	<=30	<=30	---	---	PASS
	Ant2	5795	14.38	<=30	<=30	---	---	PASS
	total	5795	17.3	<=28.99	<=28.99	---	---	PASS
11AC80MIMO	Ant1	5210	11.90	<=24	---	---	---	PASS
	Ant2	5210	11.90	<=24	---	---	---	PASS
	total	5210	14.91	<=22.99	---	21.92	<=23	PASS
	Ant1	5290	14.06	<=24	<=24	---	---	PASS
	Ant2	5290	13.93	<=24	<=24	---	---	PASS
	total	5290	17.01	<=22.99	<=22.99	24.02	<=30	PASS
	Ant1	5530	14.28	<=24	<=24	---	---	PASS
	Ant2	5530	14.62	<=24	<=24	---	---	PASS
	total	5530	17.46	<=22.99	<=22.99	24.47	<=30	PASS
	Ant1	5610	13.85	<=24	<=24	---	---	PASS
	Ant2	5610	14.70	<=24	<=24	---	---	PASS
	total	5610	17.31	<=22.99	<=22.99	24.32	<=30	PASS
	Ant1	5690_UNII-2C	12.55	<=24	<=24	---	---	PASS
	Ant2	5690_UNII-2C	13.66	<=24	<=24	---	---	PASS
	total	5690_UNII-2C	16.15	<=22.99	<=22.99	23.16	<=30	PASS
	Ant1	5690_UNII-3	-4.93	<=30	<=30	---	---	PASS
	Ant2	5690_UNII-3	-3.91	<=30	<=30	---	---	PASS
	total	5690_UNII-3	-1.4	<=28.99	<=28.99	---	---	PASS
	Ant1	5775	13.76	<=30	<=30	---	---	PASS
	Ant2	5775	14.20	<=30	<=30	---	---	PASS
	total	5775	17.0	<=28.99	<=28.99	---	---	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	Ant2	5180	4.20	<=11	9.08	<=10	PASS
		5200	4.00	<=11	8.88	<=10	PASS
		5240	4.29	<=11	9.17	<=10	PASS
		5260	4.34	<=11	---	---	PASS
		5280	4.04	<=11	---	---	PASS
		5320	4.10	<=11	---	---	PASS
		5500	4.14	<=11	---	---	PASS
		5600	4.65	<=11	---	---	PASS
		5700	4.23	<=11	---	---	PASS
		5720_UNII-2C	5.24	<=11	---	---	PASS
		5720_UNII-3	2.17	<=11	---	---	PASS
		5745	1.83	<=30	---	---	PASS
		5785	1.80	<=30	---	---	PASS
11N20MIMO	Ant1	5180	-0.80	<=11	---	---	PASS
	Ant2	5180	-0.90	<=11	---	---	PASS
	total	5180	2.16	<=9.99	9.17	<=10	PASS
	Ant1	5200	-1.07	<=11	---	---	PASS
	Ant2	5200	-1.02	<=11	---	---	PASS
	total	5200	1.97	<=9.99	8.98	<=10	PASS
	Ant1	5240	-1.07	<=11	---	---	PASS
	Ant2	5240	-0.44	<=11	---	---	PASS
	total	5240	2.27	<=9.99	7.28	<=10	PASS
	Ant1	5260	3.63	<=11	---	---	PASS
	Ant2	5260	3.71	<=11	---	---	PASS
	total	5260	6.68	<=9.99	---	---	PASS
	Ant1	5280	3.71	<=11	---	---	PASS
	Ant2	5280	3.48	<=11	---	---	PASS
	total	5280	6.61	<=9.99	---	---	PASS
	Ant1	5320	3.87	<=11	---	---	PASS
	Ant2	5320	3.46	<=11	---	---	PASS
	total	5320	6.68	<=9.99	---	---	PASS
	Ant1	5500	3.75	<=11	---	---	PASS
	Ant2	5500	3.82	<=11	---	---	PASS
	total	5500	6.80	<=9.99	---	---	PASS
	Ant1	5600	3.71	<=11	---	---	PASS
	Ant2	5600	3.85	<=11	---	---	PASS
	total	5600	6.79	<=9.99	---	---	PASS
	Ant1	5700	3.87	<=11	---	---	PASS
	Ant2	5700	4.45	<=11	---	---	PASS
	total	5700	7.18	<=9.99	---	---	PASS
	Ant1	5720_UNII-2C	2.86	<=11	---	---	PASS
	Ant2	5720_UNII-2C	3.88	<=11	---	---	PASS
	total	5720_UNII-2C	6.41	<=9.99	---	---	PASS
	Ant1	5720_UNII-3	-0.11	<=11	---	---	PASS
	Ant2	5720_UNII-3	0.72	<=11	---	---	PASS
	total	5720_UNII-3	3.34	<=9.99	---	---	PASS
	Ant1	5745	0.56	<=30	---	---	PASS
	Ant2	5745	1.13	<=30	---	---	PASS



	total	5745	3.86	<=28.99	---	---	PASS
	Ant1	5785	0.65	<=30	---	---	PASS
	Ant2	5785	0.93	<=30	---	---	PASS
	total	5785	3.80	<=28.99	---	---	PASS
	Ant1	5825	0.71	<=30	---	---	PASS
	Ant2	5825	0.75	<=30	---	---	PASS
11N40MIMO	total	5825	3.74	<=28.99	---	---	PASS
	Ant1	5190	-2.01	<=11	---	---	PASS
	Ant2	5190	-1.63	<=11	---	---	PASS
	total	5190	1.19	<=9.99	8.20	<=10	PASS
	Ant1	5230	-2.14	<=11	---	---	PASS
	Ant2	5230	-1.67	<=11	---	---	PASS
	total	5230	1.11	<=9.99	8.12	<=10	PASS
	Ant1	5270	1.04	<=11	---	---	PASS
	Ant2	5270	0.93	<=11	---	---	PASS
	total	5270	4.00	<=9.99	---	---	PASS
	Ant1	5310	1.03	<=11	---	---	PASS
	Ant2	5310	0.96	<=11	---	---	PASS
	total	5310	4.01	<=9.99	---	---	PASS
	Ant1	5510	1.15	<=11	---	---	PASS
	Ant2	5510	1.07	<=11	---	---	PASS
	total	5510	4.12	<=9.99	---	---	PASS
	Ant1	5590	0.79	<=11	---	---	PASS
	Ant2	5590	1.15	<=11	---	---	PASS
	total	5590	3.98	<=9.99	---	---	PASS
	Ant1	5670	1.01	<=11	---	---	PASS
	Ant2	5670	1.62	<=11	---	---	PASS
	total	5670	4.34	<=9.99	---	---	PASS
	Ant1	5710_UNII-2C	0.31	<=11	---	---	PASS
	Ant2	5710_UNII-2C	1.27	<=11	---	---	PASS
	total	5710_UNII-2C	3.83	<=9.99	---	---	PASS
	Ant1	5710_UNII-3	-4.67	<=11	---	---	PASS
	Ant2	5710_UNII-3	-3.57	<=11	---	---	PASS
	total	5710_UNII-3	-1.07	<=9.99	---	---	PASS
	Ant1	5755	-1.87	<=30	---	---	PASS
	Ant2	5755	-1.68	<=30	---	---	PASS
	total	5755	1.24	<=28.99	---	---	PASS
	Ant1	5795	-2.23	<=30	---	---	PASS
	Ant2	5795	-1.72	<=30	---	---	PASS
	total	5795	1.04	<=28.99	---	---	PASS
11AC80MIMO	Ant1	5210	-5.36	<=11	---	---	PASS
	Ant2	5210	-4.91	<=11	---	---	PASS
	total	5210	-2.12	<=9.99	4.89	<=10	PASS
	Ant1	5290	-3.21	<=11	---	---	PASS
	Ant2	5290	-2.91	<=11	---	---	PASS
	total	5290	-0.05	<=9.99	---	---	PASS
	Ant1	5530	-2.61	<=11	---	---	PASS
	Ant2	5530	-2.01	<=11	---	---	PASS
	total	5530	0.71	<=9.99	---	---	PASS
	Ant1	5610	-3.15	<=11	---	---	PASS
	Ant2	5610	-2.35	<=11	---	---	PASS
	total	5610	0.28	<=9.99	---	---	PASS
	Ant1	5690_UNII-2C	-4.43	<=11	---	---	PASS
	Ant2	5690_UNII-2C	-3.29	<=11	---	---	PASS
	total	5690_UNII-2C	-0.81	<=9.99	---	---	PASS



	Ant1	5690 UNII-3	-11.94	<=11	---	---	PASS
	Ant2	5690 UNII-3	-10.92	<=11	---	---	PASS
	total	5690 UNII-3	-8.39	<=9.99	---	---	PASS
	Ant1	5775	-6.06	<=30	---	---	PASS
	Ant2	5775	-5.56	<=30	---	---	PASS
	total	5775	-2.79	<=28.99	---	---	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







