



Appendix E: Maximum conducted output power  
 Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	12.05	52.11	2.83	14.88	≤23.98	PASS
	Ant2	5180	10.86	52.11	2.83	13.69	≤23.98	PASS
	Ant1	5200	12.50	52.11	2.83	15.33	≤23.98	PASS
	Ant2	5200	11.32	52.11	2.83	14.15	≤23.98	PASS
	Ant1	5240	12.19	51.91	2.85	15.04	≤23.98	PASS
	Ant2	5240	10.95	51.91	2.85	13.80	≤23.98	PASS
	Ant1	5745	11.09	52.11	2.83	13.92	≤30.00	PASS
	Ant2	5745	11.44	52.11	2.83	14.27	≤30.00	PASS
	Ant1	5785	10.78	51.91	2.85	13.63	≤30.00	PASS
	Ant2	5785	10.92	52.11	2.83	13.75	≤30.00	PASS
	Ant1	5825	10.79	51.91	2.85	13.64	≤30.00	PASS
	Ant2	5825	10.85	52.11	2.83	13.68	≤30.00	PASS
11N20MIMO	Ant1	5180	6.76	47.72	3.21	9.97	≤23.98	PASS
	Ant2	5180	7.12	47.92	3.19	10.31	≤23.98	PASS
	total	5180	---	---	---	13.15	≤23.98	PASS
	Ant1	5200	7.71	47.92	3.19	10.90	≤23.98	PASS
	Ant2	5200	5.48	47.72	3.21	8.69	≤23.98	PASS
	total	5200	---	---	---	12.94	≤23.98	PASS
	Ant1	5240	7.63	47.72	3.21	10.84	≤23.98	PASS
	Ant2	5240	5.63	47.92	3.19	8.82	≤23.98	PASS
	total	5240	---	---	---	12.96	≤23.98	PASS
	Ant1	5745	8.52	47.92	3.19	11.71	≤30.00	PASS
	Ant2	5745	8.78	47.92	3.19	11.97	≤30.00	PASS
	total	5745	---	---	---	14.85	≤30.00	PASS
	Ant1	5785	8.29	47.92	3.19	11.48	≤30.00	PASS
	Ant2	5785	7.95	47.50	3.23	11.18	≤30.00	PASS
	total	5785	---	---	---	14.34	≤30.00	PASS
	Ant1	5825	8.20	47.50	3.23	11.43	≤30.00	PASS
	Ant2	5825	7.43	47.92	3.19	10.62	≤30.00	PASS
	total	5825	---	---	---	14.05	≤30.00	PASS
11N40MIMO	Ant1	5190	6.57	31.32	5.04	11.61	≤23.98	PASS
	Ant2	5190	5.12	31.32	5.04	10.16	≤23.98	PASS
	total	5190	---	---	---	13.96	≤23.98	PASS
	Ant1	5230	6.39	31.32	5.04	11.43	≤23.98	PASS
	Ant2	5230	5.37	31.15	5.07	10.44	≤23.98	PASS
	total	5230	---	---	---	13.97	≤23.98	PASS
	Ant1	5755	6.51	31.69	4.99	11.50	≤30.00	PASS
	Ant2	5755	6.70	31.69	4.99	11.69	≤30.00	PASS
	total	5755	---	---	---	14.61	≤30.00	PASS
	Ant1	5795	6.32	31.15	5.07	11.39	≤30.00	PASS
	Ant2	5795	6.41	31.32	5.04	11.45	≤30.00	PASS
	total	5795	---	---	---	14.43	≤30.00	PASS
11AC20MIMO	Ant1	5180	6.85	47.72	3.21	10.06	≤23.98	PASS
	Ant2	5180	6.21	47.92	3.19	9.40	≤23.98	PASS
	total	5180	---	---	---	12.75	≤23.98	PASS
	Ant1	5200	7.32	47.72	3.21	10.53	≤23.98	PASS
	Ant2	5200	6.65	47.72	3.21	9.86	≤23.98	PASS
	total	5200	---	---	---	13.22	≤23.98	PASS
	Ant1	5240	7.54	48.13	3.18	10.72	≤23.98	PASS
	Ant2	5240	6.02	48.13	3.18	9.20	≤23.98	PASS
	total	5240	---	---	---	13.04	≤23.98	PASS
	Ant1	5745	7.65	47.92	3.19	10.84	≤30.00	PASS
	Ant2	5745	7.75	47.72	3.21	10.96	≤30.00	PASS
	total	5745	---	---	---	13.91	≤30.00	PASS



	Ant1	5785	7.19	47.92	3.19	10.38	≤30.00	PASS
	Ant2	5785	7.43	48.13	3.18	10.61	≤30.00	PASS
	total	5785	---	---	---	13.51	≤30.00	PASS
	Ant1	5825	7.72	47.72	3.21	10.93	≤30.00	PASS
	Ant2	5825	6.37	47.72	3.21	9.58	≤30.00	PASS
	total	5825	---	---	---	13.32	≤30.00	PASS
11AC40MIMO	Ant1	5190	6.49	31.15	5.07	11.56	≤23.98	PASS
	Ant2	5190	5.91	31.69	4.99	10.90	≤23.98	PASS
	total	5190	---	---	---	14.25	≤23.98	PASS
	Ant1	5230	6.46	31.69	4.99	11.45	≤23.98	PASS
	Ant2	5230	5.33	31.69	4.99	10.32	≤23.98	PASS
	total	5230	---	---	---	13.93	≤23.98	PASS
	Ant1	5755	6.48	31.15	5.07	11.55	≤30.00	PASS
	Ant2	5755	6.82	31.15	5.07	11.89	≤30.00	PASS
	total	5755	---	---	---	14.73	≤30.00	PASS
	Ant1	5795	6.61	31.69	4.99	11.60	≤30.00	PASS
	Ant2	5795	6.19	31.69	4.99	11.18	≤30.00	PASS
	total	5795	---	---	---	14.41	≤30.00	PASS
11AC80MIMO	Ant1	5210	4.37	18.83	7.25	11.62	≤23.98	PASS
	Ant2	5210	3.39	18.83	7.25	10.64	≤23.98	PASS
	total	5210	---	---	---	14.17	≤23.98	PASS
	Ant1	5775	4.63	18.18	7.40	12.03	≤30.00	PASS
	Ant2	5775	4.74	18.83	7.25	11.99	≤30.00	PASS
	total	5775	---	---	---	15.02	≤30.00	PASS
11AX20MIMO	Ant1	5180	6.96	44.20	3.55	10.51	≤23.98	PASS
	Ant2	5180	5.74	44.00	3.57	9.31	≤23.98	PASS
	total	5180	---	---	---	12.96	≤23.98	PASS
	Ant1	5200	6.87	44.20	3.55	10.42	≤23.98	PASS
	Ant2	5200	5.91	44.00	3.57	9.48	≤23.98	PASS
	total	5200	---	---	---	12.99	≤23.98	PASS
	Ant1	5240	4.97	44.00	3.57	8.54	≤23.98	PASS
	Ant2	5240	6.96	44.20	3.55	10.51	≤23.98	PASS
	total	5240	---	---	---	12.65	≤23.98	PASS
	Ant1	5745	7.15	44.00	3.57	10.72	≤30.00	PASS
	Ant2	5745	7.77	44.20	3.55	11.32	≤30.00	PASS
	total	5745	---	---	---	14.04	≤30.00	PASS
	Ant1	5785	7.17	44.20	3.55	10.72	≤30.00	PASS
	Ant2	5785	6.26	44.20	3.55	9.81	≤30.00	PASS
	total	5785	---	---	---	13.30	≤30.00	PASS
	Ant1	5825	6.91	44.20	3.55	10.46	≤30.00	PASS
	Ant2	5825	6.37	44.00	3.57	9.94	≤30.00	PASS
	total	5825	---	---	---	13.22	≤30.00	PASS
11AX40MIMO	Ant1	5190	6.48	29.38	5.32	11.80	≤23.98	PASS
	Ant2	5190	4.33	29.21	5.34	9.67	≤23.98	PASS
	total	5190	---	---	---	13.87	≤23.98	PASS
	Ant1	5230	5.89	29.38	5.32	11.21	≤23.98	PASS
	Ant2	5230	4.88	29.38	5.32	10.20	≤23.98	PASS
	total	5230	---	---	---	13.74	≤23.98	PASS
	Ant1	5755	5.97	29.38	5.32	11.29	≤30.00	PASS
	Ant2	5755	6.24	29.21	5.34	11.58	≤30.00	PASS
	total	5755	---	---	---	14.45	≤30.00	PASS
	Ant1	5795	6.16	29.21	5.34	11.50	≤30.00	PASS
	Ant2	5795	5.78	29.21	5.34	11.12	≤30.00	PASS
	total	5795	---	---	---	14.32	≤30.00	PASS
11AX80MIMO	Ant1	5210	3.65	18.30	7.38	11.03	≤23.98	PASS
	Ant2	5210	3.33	18.18	7.40	10.73	≤23.98	PASS
	total	5210	---	---	---	13.89	≤23.98	PASS
	Ant1	5775	4.71	18.30	7.38	12.09	≤30.00	PASS
	Ant2	5775	4.34	18.18	7.40	11.74	≤30.00	PASS

	total	5775	---	---	---	14.93	≤30.00	PASS
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Note : The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power

















































