























Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	5180	---	13.38	96.53	0.15	13.53	≤30.00	PASS
11A	Ant1	5180	---	13.16	96.53	0.15	13.31	≤30.00	PASS
11A	Ant0	5220	---	13.67	96.55	0.15	13.82	≤30.00	PASS
11A	Ant1	5220	---	13.60	96.55	0.15	13.75	≤30.00	PASS
11A	Ant0	5240	---	12.91	96.53	0.15	13.06	≤30.00	PASS
11A	Ant1	5240	---	12.88	96.53	0.15	13.03	≤30.00	PASS
11A	Ant0	5260	---	13.23	96.53	0.15	13.38	≤23.98	PASS
11A	Ant1	5260	---	12.94	95.86	0.18	13.12	≤23.98	PASS
11A	Ant0	5320	---	13.30	95.86	0.18	13.48	≤23.98	PASS
11A	Ant1	5320	---	13.42	96.53	0.15	13.57	≤23.98	PASS
11A	Ant0	5500	---	13.29	95.86	0.18	13.47	≤23.98	PASS
11A	Ant1	5500	---	13.36	95.86	0.18	13.54	≤23.98	PASS
11A	Ant0	5580	---	13.23	96.53	0.15	13.38	≤23.98	PASS
11A	Ant1	5580	---	13.47	96.55	0.15	13.62	≤23.98	PASS
11A	Ant0	5700	---	14.92	95.86	0.18	15.10	≤23.98	PASS
11A	Ant1	5700	---	13.07	95.86	0.18	13.25	≤23.98	PASS
11A	Ant0	5745	---	13.05	95.86	0.18	13.23	≤30.00	PASS
11A	Ant1	5745	---	13.29	95.86	0.18	13.47	≤30.00	PASS
11A	Ant0	5785	---	12.90	96.55	0.15	13.05	≤30.00	PASS
11A	Ant1	5785	---	12.85	95.86	0.18	13.03	≤30.00	PASS
11A	Ant0	5825	---	13.23	95.86	0.18	13.41	≤30.00	PASS
11A	Ant1	5825	---	13.11	96.53	0.15	13.26	≤30.00	PASS
11N20MIMO	Ant0	5180	---	9.43	93.06	0.31	9.74	≤30.00	PASS
11N20MIMO	Ant1	5180	---	8.42	91.78	0.37	8.79	≤30.00	PASS
11N20MIMO	total	5180	---	---	---	---	12.30	≤30.00	PASS
11N20MIMO	Ant0	5220	---	8.82	93.06	0.31	9.13	≤30.00	PASS
11N20MIMO	Ant1	5220	---	8.64	91.78	0.37	9.01	≤30.00	PASS
11N20MIMO	total	5220	---	---	---	---	12.08	≤30.00	PASS
11N20MIMO	Ant0	5240	---	8.92	93.06	0.31	9.23	≤30.00	PASS
11N20MIMO	Ant1	5240	---	8.66	91.78	0.37	9.03	≤30.00	PASS
11N20MIMO	total	5240	---	---	---	---	12.14	≤30.00	PASS
11N20MIMO	Ant0	5260	---	8.90	91.78	0.37	9.27	≤23.98	PASS
11N20MIMO	Ant1	5260	---	8.39	93.06	0.31	8.70	≤23.98	PASS

11N20MIMO	total	5260	---	---	---	---	12.00	≤23.98	PASS
11N20MIMO	Ant0	5320	---	9.44	93.06	0.31	9.75	≤23.98	PASS
11N20MIMO	Ant1	5320	---	8.56	91.78	0.37	8.93	≤23.98	PASS
11N20MIMO	total	5320	---	---	---	---	12.37	≤23.98	PASS
11N20MIMO	Ant0	5500	---	8.81	93.06	0.31	9.12	≤23.98	PASS
11N20MIMO	Ant1	5500	---	9.64	91.78	0.37	10.01	≤23.98	PASS
11N20MIMO	total	5500	---	---	---	---	12.60	≤23.98	PASS
11N20MIMO	Ant0	5580	---	8.82	91.78	0.37	9.19	≤23.98	PASS
11N20MIMO	Ant1	5580	---	9.90	91.78	0.37	10.27	≤23.98	PASS
11N20MIMO	total	5580	---	---	---	---	12.77	≤23.98	PASS
11N20MIMO	Ant0	5700	---	9.92	91.78	0.37	10.29	≤23.98	PASS
11N20MIMO	Ant1	5700	---	8.78	91.78	0.37	9.15	≤23.98	PASS
11N20MIMO	total	5700	---	---	---	---	12.77	≤23.98	PASS
11N20MIMO	Ant0	5745	---	10.22	91.78	0.37	10.59	≤30.00	PASS
11N20MIMO	Ant1	5745	---	8.56	93.06	0.31	8.87	≤30.00	PASS
11N20MIMO	total	5745	---	---	---	---	12.82	≤30.00	PASS
11N20MIMO	Ant0	5785	---	10.03	93.06	0.31	10.34	≤30.00	PASS
11N20MIMO	Ant1	5785	---	8.68	91.78	0.37	9.05	≤30.00	PASS
11N20MIMO	total	5785	---	---	---	---	12.75	≤30.00	PASS
11N20MIMO	Ant0	5825	---	9.80	91.78	0.37	10.17	≤30.00	PASS
11N20MIMO	Ant1	5825	---	8.46	93.06	0.31	8.77	≤30.00	PASS
11N20MIMO	total	5825	---	---	---	---	12.54	≤30.00	PASS
11N40MIMO	Ant0	5190	---	9.13	87.50	0.58	9.71	≤30.00	PASS
11N40MIMO	Ant1	5190	---	8.41	87.50	0.58	8.99	≤30.00	PASS
11N40MIMO	total	5190	---	---	---	---	12.38	≤30.00	PASS
11N40MIMO	Ant0	5230	---	8.71	87.50	0.58	9.29	≤30.00	PASS
11N40MIMO	Ant1	5230	---	8.45	87.50	0.58	9.03	≤30.00	PASS
11N40MIMO	total	5230	---	---	---	---	12.17	≤30.00	PASS
11N40MIMO	Ant0	5270	---	9.11	87.50	0.58	9.69	≤23.98	PASS
11N40MIMO	Ant1	5270	---	8.68	87.50	0.58	9.26	≤23.98	PASS
11N40MIMO	total	5270	---	---	---	---	12.49	≤23.98	PASS
11N40MIMO	Ant0	5310	---	9.52	87.50	0.58	10.10	≤23.98	PASS
11N40MIMO	Ant1	5310	---	8.98	87.50	0.58	9.56	≤23.98	PASS
11N40MIMO	total	5310	---	---	---	---	12.85	≤23.98	PASS
11N40MIMO	Ant0	5510	---	8.68	87.50	0.58	9.26	≤23.98	PASS
11N40MIMO	Ant1	5510	---	9.72	85.00	0.71	10.43	≤23.98	PASS
11N40MIMO	total	5510	---	---	---	---	12.89	≤23.98	PASS
11N40MIMO	Ant0	5550	---	8.27	87.50	0.58	8.85	≤23.98	PASS
11N40MIMO	Ant1	5550	---	9.44	87.50	0.58	10.02	≤23.98	PASS
11N40MIMO	total	5550	---	---	---	---	12.48	≤23.98	PASS

11N40MIMO	Ant0	5670	---	9.75	85.00	0.71	10.46	≤23.98	PASS
11N40MIMO	Ant1	5670	---	8.85	87.50	0.58	9.43	≤23.98	PASS
11N40MIMO	total	5670	---	---	---	---	12.99	≤23.98	PASS
11N40MIMO	Ant0	5755	---	9.88	87.50	0.58	10.46	≤30.00	PASS
11N40MIMO	Ant1	5755	---	8.60	85.00	0.71	9.31	≤30.00	PASS
11N40MIMO	total	5755	---	---	---	---	12.93	≤30.00	PASS
11N40MIMO	Ant0	5795	---	9.87	85.00	0.71	10.58	≤30.00	PASS
11N40MIMO	Ant1	5795	---	8.55	85.00	0.71	9.26	≤30.00	PASS
11N40MIMO	total	5795	---	---	---	---	12.98	≤30.00	PASS
11AC20MIMO	Ant0	5180	---	7.44	71.43	1.46	8.90	≤30.00	PASS
11AC20MIMO	Ant1	5180	---	6.35	71.43	1.46	7.81	≤30.00	PASS
11AC20MIMO	total	5180	---	---	---	---	11.40	≤30.00	PASS
11AC20MIMO	Ant0	5220	---	6.85	75.00	1.25	8.10	≤30.00	PASS
11AC20MIMO	Ant1	5220	---	6.56	70.00	1.55	8.11	≤30.00	PASS
11AC20MIMO	total	5220	---	---	---	---	11.12	≤30.00	PASS
11AC20MIMO	Ant0	5240	---	6.92	71.43	1.46	8.38	≤30.00	PASS
11AC20MIMO	Ant1	5240	---	6.63	70.00	1.55	8.18	≤30.00	PASS
11AC20MIMO	total	5240	---	---	---	---	11.29	≤30.00	PASS
11AC20MIMO	Ant0	5260	---	7.41	75.00	1.25	8.66	≤23.98	PASS
11AC20MIMO	Ant1	5260	---	6.86	75.00	1.25	8.11	≤23.98	PASS
11AC20MIMO	total	5260	---	---	---	---	11.40	≤23.98	PASS
11AC20MIMO	Ant0	5320	---	7.92	75.00	1.25	9.17	≤23.98	PASS
11AC20MIMO	Ant1	5320	---	7.12	70.00	1.55	8.67	≤23.98	PASS
11AC20MIMO	total	5320	---	---	---	---	11.94	≤23.98	PASS
11AC20MIMO	Ant0	5500	---	6.42	75.00	1.25	7.67	≤23.98	PASS
11AC20MIMO	Ant1	5500	---	7.17	71.43	1.46	8.63	≤23.98	PASS
11AC20MIMO	total	5500	---	---	---	---	11.19	≤23.98	PASS
11AC20MIMO	Ant0	5580	---	6.39	75.00	1.25	7.64	≤23.98	PASS
11AC20MIMO	Ant1	5580	---	7.46	70.00	1.55	9.01	≤23.98	PASS
11AC20MIMO	total	5580	---	---	---	---	11.39	≤23.98	PASS
11AC20MIMO	Ant0	5700	---	8.00	75.00	1.25	9.25	≤23.98	PASS
11AC20MIMO	Ant1	5700	---	6.74	75.00	1.25	7.99	≤23.98	PASS
11AC20MIMO	total	5700	---	---	---	---	11.68	≤23.98	PASS
11AC20MIMO	Ant0	5745	---	8.22	70.00	1.55	9.77	≤30.00	PASS
11AC20MIMO	Ant1	5745	---	6.57	75.00	1.25	7.82	≤30.00	PASS
11AC20MIMO	total	5745	---	---	---	---	11.91	≤30.00	PASS
11AC20MIMO	Ant0	5785	---	8.05	75.00	1.25	9.30	≤30.00	PASS
11AC20MIMO	Ant1	5785	---	6.65	71.43	1.46	8.11	≤30.00	PASS
11AC20MIMO	total	5785	---	---	---	---	11.76	≤30.00	PASS
11AC20MIMO	Ant0	5825	---	7.81	75.00	1.25	9.06	≤30.00	PASS

11AC20MIMO	Ant1	5825	---	6.39	75.00	1.25	7.64	≤30.00	PASS
11AC20MIMO	total	5825	---	---	---	---	11.42	≤30.00	PASS
11AC40MIMO	Ant0	5190	---	6.85	64.29	1.92	8.77	≤30.00	PASS
11AC40MIMO	Ant1	5190	---	6.01	64.29	1.92	7.93	≤30.00	PASS
11AC40MIMO	total	5190	---	---	---	---	11.38	≤30.00	PASS
11AC40MIMO	Ant0	5230	---	6.35	60.00	2.22	8.57	≤30.00	PASS
11AC40MIMO	Ant1	5230	---	6.08	64.29	1.92	8.00	≤30.00	PASS
11AC40MIMO	total	5230	---	---	---	---	11.30	≤30.00	PASS
11AC40MIMO	Ant0	5270	---	6.86	64.29	1.92	8.78	≤23.98	PASS
11AC40MIMO	Ant1	5270	---	6.42	60.00	2.22	8.64	≤23.98	PASS
11AC40MIMO	total	5270	---	---	---	---	11.72	≤23.98	PASS
11AC40MIMO	Ant0	5310	---	7.38	66.67	1.76	9.14	≤23.98	PASS
11AC40MIMO	Ant1	5310	---	6.55	60.00	2.22	8.77	≤23.98	PASS
11AC40MIMO	total	5310	---	---	---	---	11.97	≤23.98	PASS
11AC40MIMO	Ant0	5510	---	5.95	64.29	1.92	7.87	≤23.98	PASS
11AC40MIMO	Ant1	5510	---	6.75	60.00	2.22	8.97	≤23.98	PASS
11AC40MIMO	total	5510	---	---	---	---	11.47	≤23.98	PASS
11AC40MIMO	Ant0	5550	---	5.77	64.29	1.92	7.69	≤23.98	PASS
11AC40MIMO	Ant1	5550	---	6.90	64.29	1.92	8.82	≤23.98	PASS
11AC40MIMO	total	5550	---	---	---	---	11.30	≤23.98	PASS
11AC40MIMO	Ant0	5670	---	7.32	60.00	2.22	9.54	≤23.98	PASS
11AC40MIMO	Ant1	5670	---	6.38	64.29	1.92	8.30	≤23.98	PASS
11AC40MIMO	total	5670	---	---	---	---	11.97	≤23.98	PASS
11AC40MIMO	Ant0	5755	---	7.45	66.67	1.76	9.21	≤30.00	PASS
11AC40MIMO	Ant1	5755	---	6.28	60.00	2.22	8.50	≤30.00	PASS
11AC40MIMO	total	5755	---	---	---	---	11.88	≤30.00	PASS
11AC40MIMO	Ant0	5795	---	7.50	64.29	1.92	9.42	≤30.00	PASS
11AC40MIMO	Ant1	5795	---	6.15	60.00	2.22	8.37	≤30.00	PASS
11AC40MIMO	total	5795	---	---	---	---	11.94	≤30.00	PASS
11AC80MIMO	Ant0	5210	---	5.75	54.55	2.63	8.38	≤30.00	PASS
11AC80MIMO	Ant1	5210	---	5.26	58.33	2.34	7.60	≤30.00	PASS
11AC80MIMO	total	5210	---	---	---	---	11.02	≤30.00	PASS
11AC80MIMO	Ant0	5290	---	6.38	50.00	3.01	9.39	≤23.98	PASS
11AC80MIMO	Ant1	5290	---	5.75	58.33	2.34	8.09	≤23.98	PASS
11AC80MIMO	total	5290	---	---	---	---	11.80	≤23.98	PASS
11AC80MIMO	Ant0	5530	---	5.71	58.33	2.34	8.05	≤23.98	PASS
11AC80MIMO	Ant1	5530	---	6.61	58.33	2.34	8.95	≤23.98	PASS
11AC80MIMO	total	5530	---	---	---	---	11.53	≤23.98	PASS
11AC80MIMO	Ant0	5610	---	5.92	58.33	2.34	8.26	≤23.98	PASS
11AC80MIMO	Ant1	5610	---	5.88	50.00	3.01	8.89	≤23.98	PASS

11AC80MIMO	total	5610	---	---	---	---	11.60	≤23.98	PASS
11AC80MIMO	Ant0	5775	---	6.35	58.33	2.34	8.69	≤30.00	PASS
11AC80MIMO	Ant1	5775	---	4.95	50.00	3.01	7.96	≤30.00	PASS
11AC80MIMO	total	5775	---	---	---	---	11.35	≤30.00	PASS

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

Test Graphs Channel Power



