





























Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	9.25	58.09	2.36	11.61	≤23.98	3.39	15.00	---	PASS
11A	Ant1	5220	9.24	57.85	2.38	11.62	≤23.98	3.39	15.01	---	PASS
11A	Ant1	5240	9.19	57.85	2.38	11.57	≤23.98	3.39	14.96	---	PASS
11A	Ant1	5260	8.86	57.85	2.38	11.24	≤23.98	3.60	14.84	---	PASS
11A	Ant1	5300	8.92	58.09	2.36	11.28	≤23.98	3.60	14.88	---	PASS
11A	Ant1	5320	8.78	57.44	2.41	11.19	≤23.98	3.60	14.79	---	PASS
11A	Ant1	5500	8.66	57.85	2.38	11.04	≤23.98	5.75	16.79	---	PASS
11A	Ant1	5580	9.14	57.85	2.38	11.52	≤23.98	5.75	17.27	---	PASS
11A	Ant1	5700	9.05	57.44	2.41	11.46	≤23.98	5.75	17.21	---	PASS
11A	Ant1	5745	9.27	57.68	2.39	11.66	≤30.00	4.38	16.04	---	PASS
11A	Ant1	5785	8.60	57.85	2.38	10.98	≤30.00	4.38	15.36	---	PASS
11A	Ant1	5825	9.43	57.85	2.38	11.81	≤30.00	4.38	16.19	---	PASS
11N20SISO	Ant1	5180	10.73	83.31	0.79	11.52	≤23.98	3.39	14.91	---	PASS
11N20SISO	Ant1	5220	10.87	83.31	0.79	11.66	≤23.98	3.39	15.05	---	PASS
11N20SISO	Ant1	5240	10.71	83.28	0.79	11.50	≤23.98	3.39	14.89	---	PASS
11N20SISO	Ant1	5260	10.54	83.31	0.79	11.33	≤23.98	3.60	14.93	---	PASS
11N20SISO	Ant1	5300	10.50	83.31	0.79	11.29	≤23.98	3.60	14.89	---	PASS
11N20SISO	Ant1	5320	10.46	83.31	0.79	11.25	≤23.98	3.60	14.85	---	PASS
11N20SISO	Ant1	5500	10.67	83.31	0.79	11.46	≤23.98	5.75	17.21	---	PASS
11N20SISO	Ant1	5580	11.13	83.31	0.79	11.92	≤23.98	5.75	17.67	---	PASS
11N20SISO	Ant1	5700	11.03	83.31	0.79	11.82	≤23.98	5.75	17.57	---	PASS
11N20SISO	Ant1	5745	11.07	83.31	0.79	11.86	≤30.00	4.38	16.24	---	PASS
11N20SISO	Ant1	5785	10.10	83.14	0.80	10.90	≤30.00	4.38	15.28	---	PASS
11N20SISO	Ant1	5825	10.84	83.31	0.79	11.63	≤30.00	4.38	16.01	---	PASS
11N40SISO	Ant1	5190	8.88	70.77	1.50	10.38	≤23.98	3.39	13.77	---	PASS
11N40SISO	Ant1	5230	8.04	70.98	1.49	9.53	≤23.98	3.39	12.92	---	PASS
11N40SISO	Ant1	5270	8.68	70.98	1.49	10.17	≤23.98	3.60	13.77	---	PASS
11N40SISO	Ant1	5310	8.78	70.77	1.50	10.28	≤23.98	3.60	13.88	---	PASS
11N40SISO	Ant1	5510	8.87	70.77	1.50	10.37	≤23.98	5.75	16.12	---	PASS
11N40SISO	Ant1	5550	9.39	70.77	1.50	10.89	≤23.98	5.75	16.64	---	PASS
11N40SISO	Ant1	5670	8.83	70.57	1.51	10.34	≤23.98	5.75	16.09	---	PASS
11N40SISO	Ant1	5755	8.85	70.77	1.50	10.35	≤30.00	4.38	14.73	---	PASS
11N40SISO	Ant1	5795	9.38	70.69	1.51	10.89	≤30.00	4.38	15.27	---	PASS

11AC20SISO	Ant1	5180	10.83	83.33	0.79	11.62	≤23.98	3.39	15.01	---	PASS
11AC20SISO	Ant1	5220	10.69	83.33	0.79	11.48	≤23.98	3.39	14.87	---	PASS
11AC20SISO	Ant1	5240	10.73	80.82	0.92	11.65	≤23.98	3.39	15.04	---	PASS
11AC20SISO	Ant1	5260	10.55	83.47	0.78	11.33	≤23.98	3.60	14.93	---	PASS
11AC20SISO	Ant1	5300	10.57	83.31	0.79	11.36	≤23.98	3.60	14.96	---	PASS
11AC20SISO	Ant1	5320	10.47	83.17	0.80	11.27	≤23.98	3.60	14.87	---	PASS
11AC20SISO	Ant1	5500	10.17	83.17	0.80	10.97	≤23.98	5.75	16.72	---	PASS
11AC20SISO	Ant1	5580	10.78	83.17	0.80	11.58	≤23.98	5.75	17.33	---	PASS
11AC20SISO	Ant1	5700	10.56	83.31	0.79	11.35	≤23.98	5.75	17.10	---	PASS
11AC20SISO	Ant1	5745	11.69	83.31	0.79	12.48	≤30.00	4.38	16.86	---	PASS
11AC20SISO	Ant1	5785	11.06	83.17	0.80	11.86	≤30.00	4.38	16.24	---	PASS
11AC20SISO	Ant1	5825	11.03	83.33	0.79	11.82	≤30.00	4.38	16.20	---	PASS
11AC40SISO	Ant1	5190	9.01	70.77	1.50	10.51	≤23.98	3.39	13.90	---	PASS
11AC40SISO	Ant1	5230	9.09	70.86	1.50	10.59	≤23.98	3.39	13.98	---	PASS
11AC40SISO	Ant1	5270	8.75	70.86	1.50	10.25	≤23.98	3.60	13.85	---	PASS
11AC40SISO	Ant1	5310	8.85	70.86	1.50	10.35	≤23.98	3.60	13.95	---	PASS
11AC40SISO	Ant1	5510	9.01	70.86	1.50	10.51	≤23.98	5.75	16.26	---	PASS
11AC40SISO	Ant1	5550	9.50	70.77	1.50	11.00	≤23.98	5.75	16.75	---	PASS
11AC40SISO	Ant1	5670	9.05	70.86	1.50	10.55	≤23.98	5.75	16.30	---	PASS
11AC40SISO	Ant1	5755	9.02	70.57	1.51	10.53	≤30.00	4.38	14.91	---	PASS
11AC40SISO	Ant1	5795	8.45	70.77	1.50	9.95	≤30.00	4.38	14.33	---	PASS
11AC80SISO	Ant1	5210	8.18	53.42	2.72	10.90	≤23.98	3.39	14.29	---	PASS
11AC80SISO	Ant1	5290	7.60	53.21	2.74	10.34	≤23.98	3.60	13.94	---	PASS
11AC80SISO	Ant1	5530	7.67	53.21	2.74	10.41	≤23.98	5.75	16.16	---	PASS
11AC80SISO	Ant1	5610	7.41	53.21	2.74	10.15	≤23.98	5.75	15.90	---	PASS
11AC80SISO	Ant1	5775	8.03	53.21	2.74	10.77	≤30.00	4.38	15.15	---	PASS
11AX20SISO	Ant1	5180	10.48	79.18	1.01	11.49	≤23.98	3.39	14.88	---	PASS
11AX20SISO	Ant1	5220	10.33	78.66	1.04	11.37	≤23.98	3.39	14.76	---	PASS
11AX20SISO	Ant1	5240	10.61	79.18	1.01	11.62	≤23.98	3.39	15.01	---	PASS
11AX20SISO	Ant1	5260	10.35	79.18	1.01	11.36	≤23.98	3.60	14.96	---	PASS
11AX20SISO	Ant1	5300	10.25	79.14	1.02	11.27	≤23.98	3.60	14.87	---	PASS
11AX20SISO	Ant1	5320	10.16	78.98	1.02	11.18	≤23.98	3.60	14.78	---	PASS
11AX20SISO	Ant1	5500	11.41	94.40	0.25	11.66	≤23.98	5.75	17.41	---	PASS
11AX20SISO	Ant1	5580	10.59	79.18	1.01	11.60	≤23.98	5.75	17.35	---	PASS
11AX20SISO	Ant1	5700	10.48	79.18	1.01	11.49	≤23.98	5.75	17.24	---	PASS
11AX20SISO	Ant1	5745	10.63	79.14	1.02	11.65	≤30.00	4.38	16.03	---	PASS
11AX20SISO	Ant1	5785	10.00	78.98	1.02	11.02	≤30.00	4.38	15.40	---	PASS
11AX20SISO	Ant1	5825	10.86	79.14	1.02	11.88	≤30.00	4.38	16.26	---	PASS
11AX40SISO	Ant1	5190	8.70	65.55	1.83	10.53	≤23.98	3.39	13.92	---	PASS
11AX40SISO	Ant1	5230	8.81	65.89	1.81	10.62	≤23.98	3.39	14.01	---	PASS

11AX40SISO	Ant1	5270	8.41	65.89	1.81	10.22	≤23.98	3.60	13.82	---	PASS
11AX40SISO	Ant1	5310	8.53	65.89	1.81	10.34	≤23.98	3.60	13.94	---	PASS
11AX40SISO	Ant1	5510	8.81	65.77	1.82	10.63	≤23.98	5.75	16.38	---	PASS
11AX40SISO	Ant1	5550	8.35	65.89	1.81	10.16	≤23.98	5.75	15.91	---	PASS
11AX40SISO	Ant1	5670	8.88	65.89	1.81	10.69	≤23.98	5.75	16.44	---	PASS
11AX40SISO	Ant1	5755	8.71	65.89	1.81	10.52	≤30.00	4.38	14.90	---	PASS
11AX40SISO	Ant1	5795	8.62	65.89	1.81	10.43	≤30.00	4.38	14.81	---	PASS
11AX80SISO	Ant1	5210	7.69	48.74	3.12	10.81	≤23.98	3.39	14.20	---	PASS
11AX80SISO	Ant1	5290	7.17	49.00	3.10	10.27	≤23.98	3.60	13.87	---	PASS
11AX80SISO	Ant1	5530	7.37	48.74	3.12	10.49	≤23.98	5.75	16.24	---	PASS
11AX80SISO	Ant1	5610	7.24	48.74	3.12	10.36	≤23.98	5.75	16.11	---	PASS
11AX80SISO	Ant1	5775	6.72	48.50	3.14	9.86	≤30.00	4.38	14.24	---	PASS

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

Test Graphs Channel Power







