









**Appendix C: 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	17.55	96.88	0.14	17.69	≤23.98	PASS
11A	Ant2	5180	15.98	96.27	0.17	16.15	≤23.98	PASS
11A	Ant1	5200	17.43	96.88	0.14	17.57	≤23.98	PASS
11A	Ant2	5200	15.19	96.88	0.14	15.33	≤23.98	PASS
11A	Ant1	5240	16.45	96.88	0.14	16.59	≤23.98	PASS
11A	Ant2	5240	15.66	96.88	0.14	15.80	≤23.98	PASS
11A	Ant1	5745	16.93	96.88	0.14	17.07	≤30.00	PASS
11A	Ant2	5745	17.06	96.88	0.14	17.20	≤30.00	PASS
11A	Ant1	5785	16.37	96.88	0.14	16.51	≤30.00	PASS
11A	Ant2	5785	16.78	96.88	0.14	16.92	≤30.00	PASS
11A	Ant1	5825	15.82	96.88	0.14	15.96	≤30.00	PASS
11A	Ant2	5825	16.57	96.88	0.14	16.71	≤30.00	PASS
11N20MIMO	Ant1	5180	16.03	97.74	0.10	16.13	≤23.98	PASS
11N20MIMO	Ant2	5180	14.19	97.95	0.09	14.28	≤23.98	PASS
11N20MIMO	total	5180	---	---	---	18.31	≤23.98	PASS
11N20MIMO	Ant1	5200	15.79	97.95	0.09	15.88	≤23.98	PASS
11N20MIMO	Ant2	5200	13.40	97.75	0.10	13.50	≤23.98	PASS
11N20MIMO	total	5200	---	---	---	17.86	≤23.98	PASS
11N20MIMO	Ant1	5240	14.57	97.95	0.09	14.66	≤23.98	PASS
11N20MIMO	Ant2	5240	13.80	97.95	0.09	13.89	≤23.98	PASS
11N20MIMO	total	5240	---	---	---	17.30	≤23.98	PASS
11N20MIMO	Ant1	5745	13.71	82.26	0.85	14.56	≤30.00	PASS
11N20MIMO	Ant2	5745	13.32	82.54	0.83	14.15	≤30.00	PASS
11N20MIMO	total	5745	---	---	---	17.37	≤30.00	PASS
11N20MIMO	Ant1	5785	13.61	97.75	0.10	13.71	≤30.00	PASS
11N20MIMO	Ant2	5785	13.71	97.75	0.10	13.81	≤30.00	PASS
11N20MIMO	total	5785	---	---	---	16.77	≤30.00	PASS
11N20MIMO	Ant1	5825	13.34	97.95	0.09	13.43	≤30.00	PASS
11N20MIMO	Ant2	5825	13.58	97.95	0.09	13.67	≤30.00	PASS
11N20MIMO	total	5825	---	---	---	16.56	≤30.00	PASS
11N40MIMO	Ant1	5190	15.59	95.87	0.18	15.77	≤23.98	PASS
11N40MIMO	Ant2	5190	13.93	95.87	0.18	14.11	≤23.98	PASS
11N40MIMO	total	5190	---	---	---	18.03	≤23.98	PASS
11N40MIMO	Ant1	5230	14.73	95.87	0.18	14.91	≤23.98	PASS
11N40MIMO	Ant2	5230	13.67	95.85	0.18	13.85	≤23.98	PASS
11N40MIMO	total	5230	---	---	---	17.42	≤23.98	PASS
11N40MIMO	Ant1	5755	13.98	95.87	0.18	14.16	≤30.00	PASS
11N40MIMO	Ant2	5755	13.64	95.47	0.20	13.84	≤30.00	PASS
11N40MIMO	total	5755	---	---	---	17.01	≤30.00	PASS
11N40MIMO	Ant1	5795	13.46	95.45	0.20	13.66	≤30.00	PASS
11N40MIMO	Ant2	5795	13.61	95.87	0.18	13.79	≤30.00	PASS
11N40MIMO	total	5795	---	---	---	16.74	≤30.00	PASS
11AC20MIMO	Ant1	5180	15.72	97.95	0.09	15.81	≤23.98	PASS
11AC20MIMO	Ant2	5180	13.82	97.75	0.10	13.92	≤23.98	PASS
11AC20MIMO	total	5180	---	---	---	17.98	≤23.98	PASS
11AC20MIMO	Ant1	5200	15.56	97.95	0.09	15.65	≤23.98	PASS
11AC20MIMO	Ant2	5200	13.19	97.55	0.11	13.30	≤23.98	PASS
11AC20MIMO	total	5200	---	---	---	17.64	≤23.98	PASS
11AC20MIMO	Ant1	5240	14.42	97.55	0.11	14.53	≤23.98	PASS
11AC20MIMO	Ant2	5240	13.68	97.95	0.09	13.77	≤23.98	PASS
11AC20MIMO	total	5240	---	---	---	17.18	≤23.98	PASS

11AC20MIMO	Ant1	5745	14.42	97.95	0.09	14.51	≤30.00	PASS
11AC20MIMO	Ant2	5745	14.03	97.95	0.09	14.12	≤30.00	PASS
11AC20MIMO	total	5745	---	---	---	17.33	≤30.00	PASS
11AC20MIMO	Ant1	5785	13.43	97.95	0.09	13.52	≤30.00	PASS
11AC20MIMO	Ant2	5785	13.64	97.75	0.10	13.74	≤30.00	PASS
11AC20MIMO	total	5785	---	---	---	16.64	≤30.00	PASS
11AC20MIMO	Ant1	5825	13.02	97.75	0.10	13.12	≤30.00	PASS
11AC20MIMO	Ant2	5825	13.46	97.95	0.09	13.55	≤30.00	PASS
11AC20MIMO	total	5825	---	---	---	16.35	≤30.00	PASS
11AC40MIMO	Ant1	5190	15.48	95.87	0.18	15.66	≤23.98	PASS
11AC40MIMO	Ant2	5190	13.78	95.87	0.18	13.96	≤23.98	PASS
11AC40MIMO	total	5190	---	---	---	17.90	≤23.98	PASS
11AC40MIMO	Ant1	5230	14.56	95.47	0.20	14.76	≤23.98	PASS
11AC40MIMO	Ant2	5230	13.60	95.87	0.18	13.78	≤23.98	PASS
11AC40MIMO	total	5230	---	---	---	17.31	≤23.98	PASS
11AC40MIMO	Ant1	5755	14.00	95.88	0.18	14.18	≤30.00	PASS
11AC40MIMO	Ant2	5755	13.75	95.88	0.18	13.93	≤30.00	PASS
11AC40MIMO	total	5755	---	---	---	17.07	≤30.00	PASS
11AC40MIMO	Ant1	5795	13.40	95.47	0.20	13.60	≤30.00	PASS
11AC40MIMO	Ant2	5795	13.55	95.88	0.18	13.73	≤30.00	PASS
11AC40MIMO	total	5795	---	---	---	16.68	≤30.00	PASS
11AC80MIMO	Ant1	5210	15.16	90.83	0.42	15.58	≤23.98	PASS
11AC80MIMO	Ant2	5210	14.19	91.67	0.38	14.57	≤23.98	PASS
11AC80MIMO	total	5210	---	---	---	18.11	≤23.98	PASS
11AC80MIMO	Ant1	5775	13.95	90.83	0.42	14.37	≤30.00	PASS
11AC80MIMO	Ant2	5775	13.95	90.83	0.42	14.37	≤30.00	PASS
11AC80MIMO	total	5775	---	---	---	17.38	≤30.00	PASS

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

## Test Graphs Channel Power

## 11A-Ant1-5180-PASS



## 11A-Ant2-5180-PASS



## 11A-Ant1-5200-PASS



### 11A-Ant2-5200-PASS



### 11A-Ant1-5240-PASS



### 11A-Ant2-5240-PASS





## 11A-Ant1-5745-PASS



## 11A-Ant2-5745-PASS



## 11A-Ant1-5785-PASS



### 11A-Ant2-5785-PASS



### 11A-Ant1-5825-PASS



### 11A-Ant2-5825-PASS



































