

































Appendix B): Maximum Conduct Output Power

Result Table

Test Mode	Antenna	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11A	Ant1	5180	11.12	11.19	PASS
11A	Ant2	5180	11.22	11.29	PASS
11A	Ant1	5200	11.15	11.22	PASS
11A	Ant2	5200	11.18	11.25	PASS
11A	Ant1	5240	11.22	11.29	PASS
11A	Ant2	5240	11.18	11.25	PASS
11A	Ant1	5745	11.22	11.29	PASS
11A	Ant2	5745	11.25	11.32	PASS
11A	Ant1	5785	11.21	11.27	PASS
11A	Ant2	5785	11.74	11.81	PASS
11A	Ant1	5825	11.19	11.26	PASS
11A	Ant2	5825	11.73	11.8	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11N20SISO	Ant1	5180	10.37	10.44	PASS
11N20SISO	Ant2	5180	10.9	10.97	PASS
11N20SISO	Ant1	5200	10.21	10.28	PASS
11N20SISO	Ant2	5200	10.57	10.64	PASS
11N20SISO	Ant1	5240	10.06	10.13	PASS
11N20SISO	Ant2	5240	10.47	10.54	PASS
11N20SISO	Ant1	5745	10.16	10.23	PASS
11N20SISO	Ant2	5745	10.35	10.42	PASS
11N20SISO	Ant1	5785	10.47	10.54	PASS
11N20SISO	Ant2	5785	10.56	10.63	PASS
11N20SISO	Ant1	5825	10.03	10.1	PASS
11N20SISO	Ant2	5825	10.47	10.54	PASS
11N40SISO	Ant1	5190	10.82	10.97	PASS
11N40SISO	Ant2	5190	10.81	10.95	PASS
11N40SISO	Ant1	5230	10.3	10.45	PASS
11N40SISO	Ant2	5230	10.6	10.75	PASS
11N40SISO	Ant1	5755	10.42	10.57	PASS
11N40SISO	Ant2	5755	10.84	10.99	PASS
11N40SISO	Ant1	5795	10.08	10.22	PASS
11N40SISO	Ant2	5795	10.97	11.12	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11AC20SISO	Ant1	5180	9.8	9.93	PASS
11AC20SISO	Ant2	5180	9.76	9.83	PASS
11AC20SISO	Ant1	5200	9.84	9.98	PASS
11AC20SISO	Ant2	5200	9.83	9.9	PASS
11AC20SISO	Ant1	5240	9.19	9.33	PASS
11AC20SISO	Ant2	5240	9.87	9.94	PASS
11AC20SISO	Ant1	5745	9.7	9.84	PASS
11AC20SISO	Ant2	5745	9.95	10.02	PASS
11AC20SISO	Ant1	5785	9.49	9.63	PASS
11AC20SISO	Ant2	5785	9.71	9.78	PASS
11AC20SISO	Ant1	5825	9.76	9.89	PASS
11AC20SISO	Ant2	5825	9.68	9.75	PASS
11AC40SISO	Ant1	5190	9.29	9.44	PASS
11AC40SISO	Ant2	5190	9.44	9.59	PASS
11AC40SISO	Ant1	5230	8.99	9.14	PASS
11AC40SISO	Ant2	5230	9.39	9.53	PASS
11AC40SISO	Ant1	5755	9.06	9.21	PASS
11AC40SISO	Ant2	5755	9.5	9.65	PASS
11AC40SISO	Ant1	5795	8.76	8.91	PASS
11AC40SISO	Ant2	5795	9.41	9.56	PASS
11AC80SISO	Ant1	5210	7.75	8.04	PASS
11AC80SISO	Ant2	5210	8.22	8.54	PASS
11AC80SISO	Ant1	5775	7.69	7.98	PASS
11AC80SISO	Ant2	5775	8.1	8.42	PASS

11N20MIMO	Ant1	5180	7.27	7.34	PASS
11N20MIMO	Ant2	5180	6.24	6.31	PASS
11N20MIMO	Ant 1+2	5180	9.80	9.87	PASS
11N20MIMO	Ant1	5200	5.88	5.95	PASS
11N20MIMO	Ant2	5200	5.66	5.73	PASS
11N20MIMO	Ant 1+2	5200	8.78	8.85	PASS
11N20MIMO	Ant1	5240	5.51	5.58	PASS
11N20MIMO	Ant2	5240	6.89	6.96	PASS
11N20MIMO	Ant 1+2	5240	9.26	9.33	PASS
11N20MIMO	Ant1	5745	5.41	5.48	PASS
11N20MIMO	Ant2	5745	5.5	5.57	PASS
11N20MIMO	Ant 1+2	5745	8.47	8.54	PASS
11N20MIMO	Ant1	5785	4.93	5	PASS
11N20MIMO	Ant2	5785	7.67	7.74	PASS
11N20MIMO	Ant 1+2	5785	9.52	9.59	PASS
11N20MIMO	Ant1	5825	5.71	5.78	PASS
11N20MIMO	Ant2	5825	6.67	6.74	PASS
11N20MIMO	Ant 1+2	5825	9.23	9.30	PASS
11N40MIMO	Ant1	5190	5.58	5.86	PASS
11N40MIMO	Ant2	5190	5.28	5.43	PASS
11N40MIMO	Ant 1+2	5190	8.44	8.66	PASS
11N40MIMO	Ant1	5230	5.39	5.67	PASS
11N40MIMO	Ant2	5230	5.83	5.98	PASS
11N40MIMO	Ant 1+2	5230	8.63	8.84	PASS
11N40MIMO	Ant1	5755	2.83	3.09	PASS
11N40MIMO	Ant2	5755	3.94	4.09	PASS
11N40MIMO	Ant 1+2	5755	6.43	6.63	PASS
11N40MIMO	Ant1	5795	3.71	3.99	PASS
11N40MIMO	Ant2	5795	5.42	5.56	PASS
11N40MIMO	Ant 1+2	5795	7.66	7.86	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11AC20MIMO	Ant1	5180	4.96	5.1	PASS
11AC20MIMO	Ant2	5180	6.17	6.31	PASS
11AC20MIMO	Ant 1+2	5180	8.86	8.76	PASS
11AC20MIMO	Ant1	5200	4.47	4.6	PASS
11AC20MIMO	Ant2	5200	5.3	5.43	PASS
11AC20MIMO	Ant 1+2	5200	7.92	8.05	PASS
11AC20MIMO	Ant1	5240	3.87	4	PASS
11AC20MIMO	Ant2	5240	6.25	6.39	PASS
11AC20MIMO	Ant 1+2	5240	8.23	8.37	PASS
11AC20MIMO	Ant1	5745	1.13	1.27	PASS
11AC20MIMO	Ant2	5745	4.84	4.97	PASS
11AC20MIMO	Ant 1+2	5745	6.38	6.51	PASS
11AC20MIMO	Ant1	5785	2.03	2.16	PASS
11AC20MIMO	Ant2	5785	5.96	6.1	PASS
11AC20MIMO	Ant 1+2	5785	7.44	7.57	PASS
11AC20MIMO	Ant1	5825	2.38	2.52	PASS
11AC20MIMO	Ant2	5825	6.48	6.62	PASS
11AC20MIMO	Ant 1+2	5825	7.91	8.05	PASS
11AC40MIMO	Ant1	5190	3.14	3.42	PASS
11AC40MIMO	Ant2	5190	5.08	5.34	PASS
11AC40MIMO	Ant 1+2	5190	7.23	7.50	PASS
11AC40MIMO	Ant1	5230	2.72	3	PASS
11AC40MIMO	Ant2	5230	5.17	5.43	PASS
11AC40MIMO	Ant 1+2	5230	7.13	7.39	PASS
11AC40MIMO	Ant1	5755	1.22	1.48	PASS
11AC40MIMO	Ant2	5755	4.24	4.52	PASS
11AC40MIMO	Ant 1+2	5755	6.00	6.27	PASS
11AC40MIMO	Ant1	5795	2.25	2.51	PASS
11AC40MIMO	Ant2	5795	5.41	5.69	PASS
11AC40MIMO	Ant 1+2	5795	7.12	7.40	PASS

11AC80MIMO	Ant1	5210	-1.88	-1.34	PASS
11AC80MIMO	Ant2	5210	-0.16	0.38	PASS
11AC80MIMO	Ant 1+2	5210	2.07	2.61	PASS
11AC80MIMO	Ant1	5775	-3.32	-2.78	PASS
11AC80MIMO	Ant2	5775	-0.67	-0.17	PASS
11AC80MIMO	Ant 1+2	5775	1.21	1.73	PASS

Remark: Duty Factor(dB) = 10 * Log(1/Duty Cycle)

Av. Power(dBm) = Meas. Level(dBm) + Duty Factor(dB)

Test Graph



