





















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	5260	12.16	79.08	1.02	13.18	≤23.94	PASS
	Ant2	5260	11.20	80.24	0.96	12.16	≤23.71	PASS
	Ant1	5300	13.29	79.08	1.02	14.31	≤23.92	PASS
	Ant2	5300	12.42	80.24	0.96	13.38	≤23.70	PASS
	Ant1	5320	13.91	80.24	0.96	14.87	≤23.69	PASS
	Ant2	5320	12.74	79.84	0.98	13.72	≤23.69	PASS
	Ant1	5500	11.11	80.24	0.96	12.07	≤23.73	PASS
	Ant2	5500	12.35	80.16	0.96	13.31	≤23.67	PASS
	Ant1	5580	12.32	80.16	0.96	13.28	≤23.76	PASS
	Ant2	5580	13.91	80.24	0.96	14.87	≤23.64	PASS
	Ant1	5700	14.68	80.16	0.96	15.64	≤23.98	PASS
	Ant2	5700	11.69	80.24	0.96	12.65	≤23.66	PASS
11N20 MIMO	Ant1	5260	12.17	79.08	1.02	13.19	≤23.93	PASS
	Ant2	5260	9.64	79.08	1.02	10.66	≤23.94	PASS
	total	5260	---	---	---	15.12	≤22.86	PASS
	Ant1	5300	13.38	79.08	1.02	14.40	≤23.89	PASS
	Ant2	5300	10.97	78.66	1.04	12.01	≤23.96	PASS
	total	5300	---	---	---	16.38	≤22.86	PASS
	Ant1	5320	13.30	79.08	1.02	14.32	≤23.90	PASS
	Ant2	5320	11.29	79.08	1.02	12.31	≤23.93	PASS
	total	5320	---	---	---	16.44	≤22.86	PASS
	Ant1	5500	11.86	79.08	1.02	12.88	≤23.87	PASS
	Ant2	5500	11.86	79.08	1.02	12.88	≤23.90	PASS
	total	5500	---	---	---	15.89	≤22.86	PASS
	Ant1	5580	12.50	79.08	1.02	13.52	≤23.89	PASS
	Ant2	5580	14.23	79.08	1.02	15.25	≤23.94	PASS
	total	5580	---	---	---	17.48	≤22.86	PASS
	Ant1	5700	13.94	79.08	1.02	14.96	≤23.90	PASS
	Ant2	5700	12.21	78.75	1.04	13.25	≤23.90	PASS
	total	5700	---	---	---	17.20	≤22.86	PASS
11N40 MIMO	Ant1	5270	12.03	65.03	1.87	13.90	≤23.98	PASS
	Ant2	5270	9.48	65.03	1.87	11.35	≤23.98	PASS
	total	5270	---	---	---	15.82	≤22.86	PASS
	Ant1	5310	12.84	64.34	1.92	14.76	≤23.98	PASS
	Ant2	5310	10.74	64.34	1.92	12.66	≤23.98	PASS
	total	5310	---	---	---	16.85	≤22.86	PASS
	Ant1	5510	9.65	64.34	1.92	11.57	≤23.98	PASS
	Ant2	5510	10.15	65.03	1.87	12.02	≤23.98	PASS
	total	5510	---	---	---	14.81	≤22.86	PASS
	Ant1	5590	10.27	65.03	1.87	12.14	≤23.98	PASS
	Ant2	5590	12.49	65.03	1.87	14.36	≤23.98	PASS
	total	5590	---	---	---	16.40	≤22.86	PASS
	Ant1	5670	11.81	64.34	1.92	13.73	≤23.98	PASS
	Ant2	5670	11.04	65.03	1.87	12.91	≤23.98	PASS
	total	5670	---	---	---	16.35	≤22.86	PASS
11AC20 MIMO	Ant1	5260	12.73	79.08	1.02	13.75	≤23.96	PASS
	Ant2	5260	10.26	79.08	1.02	11.28	≤23.90	PASS
	total	5260	---	---	---	15.70	≤22.86	PASS
	Ant1	5300	13.74	79.08	1.02	14.76	≤23.90	PASS
	Ant2	5300	11.63	78.75	1.04	12.67	≤23.87	PASS
	total	5300	---	---	---	16.85	≤22.86	PASS
	Ant1	5320	13.72	79.08	1.02	14.74	≤23.94	PASS
Ant2	5320	12.07	79.08	1.02	13.09	≤23.88	PASS	

	total	5320	---	---	---	17.00	≤22.86	PASS
	Ant1	5500	10.49	79.08	1.02	11.51	≤23.96	PASS
	Ant2	5500	10.58	78.75	1.04	11.62	≤23.91	PASS
	total	5500	---	---	---	14.58	≤22.86	PASS
	Ant1	5580	11.36	79.17	1.01	12.37	≤23.94	PASS
	Ant2	5580	13.06	79.08	1.02	14.08	≤23.90	PASS
	total	5580	---	---	---	16.32	≤22.86	PASS
	Ant1	5700	12.86	79.08	1.02	13.88	≤23.92	PASS
	Ant2	5700	10.98	79.08	1.02	12.00	≤23.94	PASS
	total	5700	---	---	---	16.05	≤22.86	PASS
11AC40 MIMO	Ant1	5270	11.90	65.03	1.87	13.77	≤23.98	PASS
	Ant2	5270	9.49	65.03	1.87	11.36	≤23.98	PASS
	total	5270	---	---	---	15.74	≤22.86	PASS
	Ant1	5310	12.74	64.58	1.90	14.64	≤23.98	PASS
	Ant2	5310	10.73	64.58	1.90	12.63	≤23.98	PASS
	total	5310	---	---	---	16.76	≤22.86	PASS
	Ant1	5510	10.22	65.28	1.85	12.07	≤23.98	PASS
	Ant2	5510	10.16	65.28	1.85	12.01	≤23.98	PASS
	total	5510	---	---	---	15.05	≤22.86	PASS
	Ant1	5590	10.64	65.03	1.87	12.51	≤23.98	PASS
	Ant2	5590	13.60	64.58	1.90	15.50	≤23.98	PASS
	total	5590	---	---	---	17.27	≤22.86	PASS
	Ant1	5670	11.88	65.03	1.87	13.75	≤23.98	PASS
	Ant2	5670	12.34	65.03	1.87	14.21	≤23.98	PASS
total	5670	---	---	---	17.00	≤22.86	PASS	
11AC80 MIMO	Ant1	5290	11.16	47.37	3.24	14.40	≤23.98	PASS
	Ant2	5290	9.08	46.88	3.29	12.37	≤23.98	PASS
	total	5290	---	---	---	16.51	≤22.86	PASS
	Ant1	5530	9.07	47.37	3.24	12.31	≤23.98	PASS
	Ant2	5530	10.41	46.88	3.29	13.70	≤23.98	PASS
	total	5530	---	---	---	16.07	≤22.86	PASS
	Ant1	5610	9.01	46.88	3.29	12.30	≤23.98	PASS
	Ant2	5610	11.68	47.37	3.24	14.92	≤23.98	PASS
total	5610	---	---	---	16.81	≤22.86	PASS	

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

Test Graphs Channel Power



















