









AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	17.34	≤30.00	PASS
11B	Ant2	2412	1Mbps	17.54	≤30.00	PASS
11B	Ant1	2437	1Mbps	17.39	≤30.00	PASS
11B	Ant2	2437	1Mbps	17.50	≤30.00	PASS
11B	Ant1	2462	1Mbps	17.91	≤30.00	PASS
11B	Ant2	2462	1Mbps	17.27	≤30.00	PASS
11G	Ant1	2412	6Mbps	17.67	≤30.00	PASS
11G	Ant2	2412	6Mbps	17.80	≤30.00	PASS
11G	Ant1	2437	6Mbps	18.02	≤30.00	PASS
11G	Ant2	2437	6Mbps	17.81	≤30.00	PASS
11G	Ant1	2462	6Mbps	17.86	≤30.00	PASS
11G	Ant2	2462	6Mbps	17.30	≤30.00	PASS
11N20SISO	Ant1	2412	MCS0	18.17	≤30.00	PASS
11N20SISO	Ant2	2412	MCS0	18.16	≤30.00	PASS
11N20SISO	Ant1	2437	MCS0	18.32	≤30.00	PASS
11N20SISO	Ant2	2437	MCS0	18.17	≤30.00	PASS
11N20SISO	Ant1	2462	MCS0	18.14	≤30.00	PASS
11N20SISO	Ant2	2462	MCS0	17.64	≤30.00	PASS
11N40SISO	Ant1	2422	MCS0	17.55	≤30.00	PASS
11N40SISO	Ant2	2422	MCS0	17.91	≤30.00	PASS
11N40SISO	Ant1	2437	MCS0	17.56	≤30.00	PASS
11N40SISO	Ant2	2437	MCS0	17.99	≤30.00	PASS
11N40SISO	Ant1	2452	MCS0	17.43	≤30.00	PASS
11N40SISO	Ant2	2452	MCS0	17.74	≤30.00	PASS
11N20MIMO	Ant1	2412	MCS0	16.10	≤30.00	PASS
11N20MIMO	Ant2	2412	MCS0	13.60	≤30.00	PASS
11N20MIMO	total	2412	MCS0	18.04	≤30.00	PASS
11N20MIMO	Ant1	2437	MCS0	15.35	≤30.00	PASS
11N20MIMO	Ant2	2437	MCS0	12.93	≤30.00	PASS
11N20MIMO	total	2437	MCS0	17.32	≤30.00	PASS
11N20MIMO	Ant1	2462	MCS0	15.54	≤30.00	PASS
11N20MIMO	Ant2	2462	MCS0	12.75	≤30.00	PASS
11N20MIMO	total	2462	MCS0	17.38	≤30.00	PASS
11N40MIMO	Ant1	2422	MCS0	15.39	≤30.00	PASS
11N40MIMO	Ant2	2422	MCS0	12.76	≤30.00	PASS
11N40MIMO	total	2422	MCS0	17.28	≤30.00	PASS
11N40MIMO	Ant1	2437	MCS0	15.74	≤30.00	PASS

11N40MIMO	Ant2	2437	MCS0	13.23	≤30.00	PASS
11N40MIMO	total	2437	MCS0	17.67	≤30.00	PASS
11N40MIMO	Ant1	2452	MCS0	16.08	≤30.00	PASS
11N40MIMO	Ant2	2452	MCS0	13.48	≤30.00	PASS
11N40MIMO	total	2452	MCS0	17.98	≤30.00	PASS

AppendixD: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-16.64	≤8.00	PASS
11B	Ant2	2412	1Mbps	-16.23	≤8.00	PASS
11B	Ant1	2437	1Mbps	-16.36	≤8.00	PASS
11B	Ant2	2437	1Mbps	-16.22	≤8.00	PASS
11B	Ant1	2462	1Mbps	-15.89	≤8.00	PASS
11B	Ant2	2462	1Mbps	-16.44	≤8.00	PASS
11G	Ant1	2412	6Mbps	-18.02	≤8.00	PASS
11G	Ant2	2412	6Mbps	-17.7	≤8.00	PASS
11G	Ant1	2437	6Mbps	-17.57	≤8.00	PASS
11G	Ant2	2437	6Mbps	-17.66	≤8.00	PASS
11G	Ant1	2462	6Mbps	-17.67	≤8.00	PASS
11G	Ant2	2462	6Mbps	-18.05	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-16.84	≤8.00	PASS
11N20SISO	Ant2	2412	MCS0	-17.44	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-16.75	≤8.00	PASS
11N20SISO	Ant2	2437	MCS0	-16.47	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-17.11	≤8.00	PASS
11N20SISO	Ant2	2462	MCS0	-17.22	≤8.00	PASS
11N40SISO	Ant1	2422	MCS0	-18.79	≤8.00	PASS
11N40SISO	Ant2	2422	MCS0	-17.85	≤8.00	PASS
11N40SISO	Ant1	2437	MCS0	-18.74	≤8.00	PASS
11N40SISO	Ant2	2437	MCS0	-17.61	≤8.00	PASS
11N40SISO	Ant1	2452	MCS0	-19.31	≤8.00	PASS
11N40SISO	Ant2	2452	MCS0	-17.83	≤8.00	PASS
11N20MIMO	Ant1	2412	MCS0	-18.73	≤8.00	PASS
11N20MIMO	Ant2	2412	MCS0	-21.18	≤8.00	PASS
11N20MIMO	total	2412	MCS0	-16.77	≤8.00	PASS
11N20MIMO	Ant1	2437	MCS0	-19.95	≤8.00	PASS
11N20MIMO	Ant2	2437	MCS0	-21.76	≤8.00	PASS
11N20MIMO	total	2437	MCS0	-17.75	≤8.00	PASS
11N20MIMO	Ant1	2462	MCS0	-19.22	≤8.00	PASS
11N20MIMO	Ant2	2462	MCS0	-22.45	≤8.00	PASS

11N20MIMO	total	2462	MCS0	-17.53	≤8.00	PASS
11N40MIMO	Ant1	2422	MCS0	-20.91	≤8.00	PASS
11N40MIMO	Ant2	2422	MCS0	-23.6	≤8.00	PASS
11N40MIMO	total	2422	MCS0	-19.04	≤8.00	PASS
11N40MIMO	Ant1	2437	MCS0	-20.19	≤8.00	PASS
11N40MIMO	Ant2	2437	MCS0	-22.44	≤8.00	PASS
11N40MIMO	total	2437	MCS0	-18.16	≤8.00	PASS
11N40MIMO	Ant1	2452	MCS0	-19.69	≤8.00	PASS
11N40MIMO	Ant2	2452	MCS0	-22.11	≤8.00	PASS
11N40MIMO	total	2452	MCS0	-17.72	≤8.00	PASS

Test Graphs









