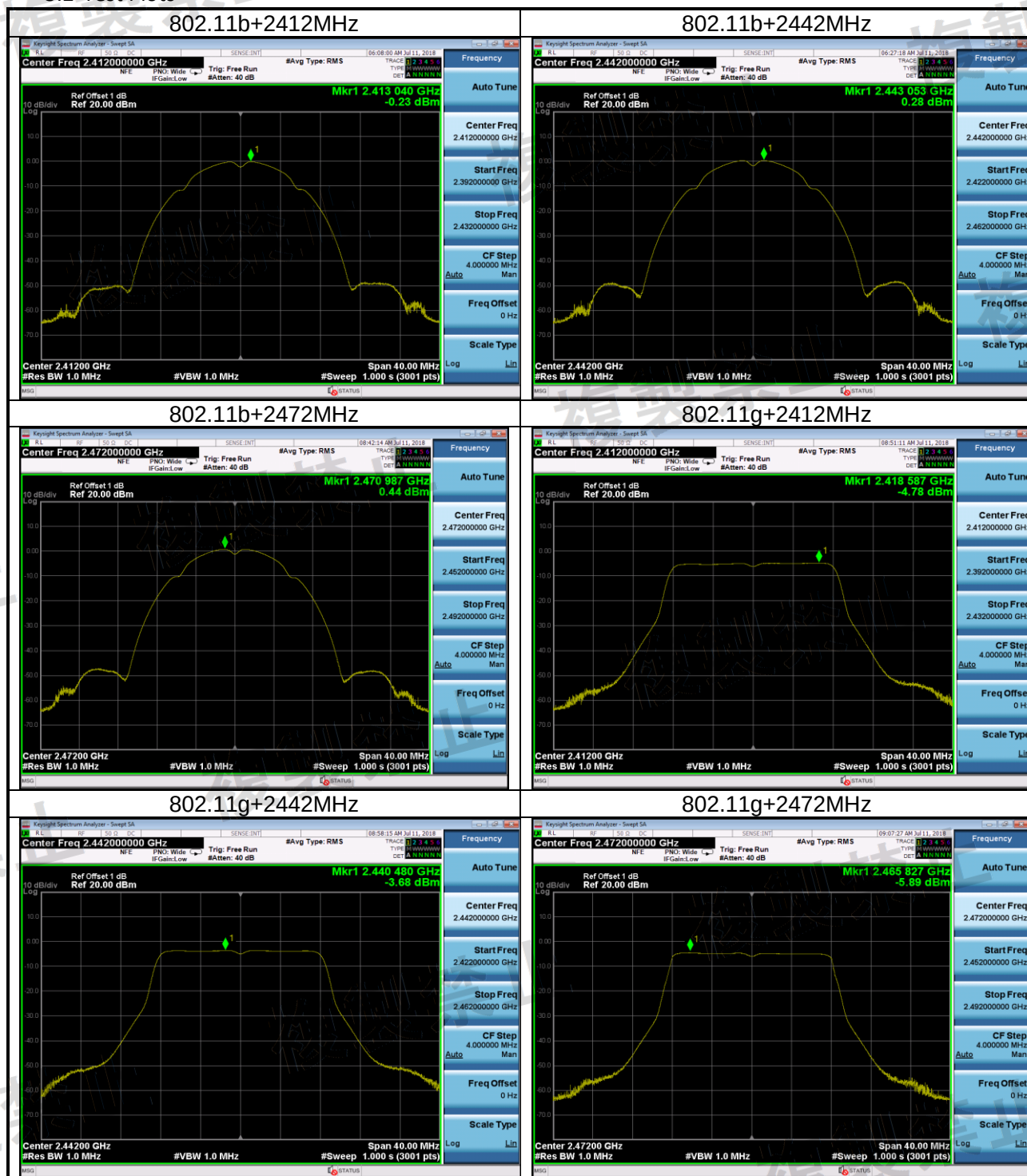


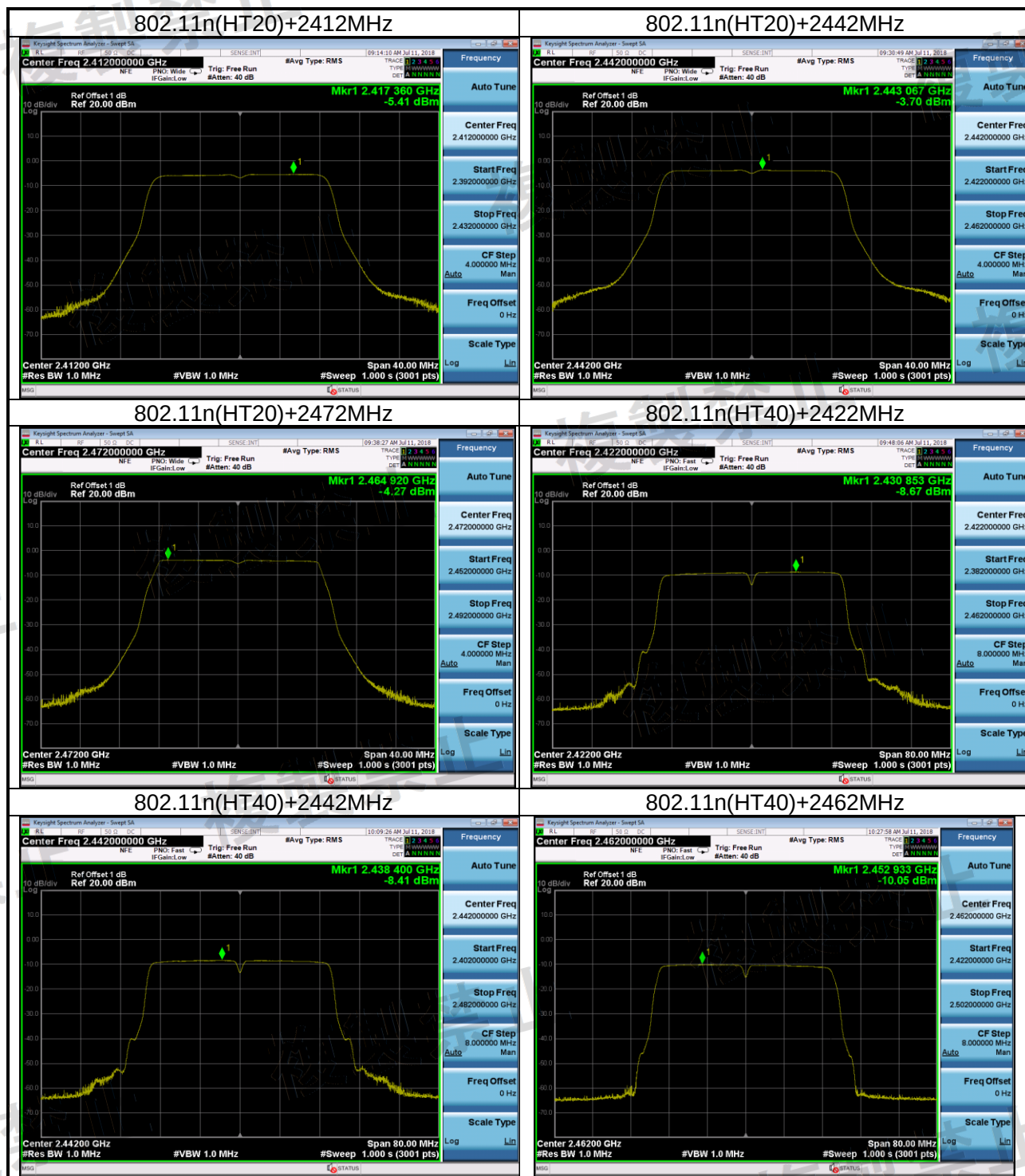
3. Antenna Power and Tolerance

3.1 Test Data

WLAN Antenna Power and Tolerance NTC							
Mode	Test Freq (MHz)	Antenna Power (mW/MHz)	Limit (mW/MHz)	Declaration Antenna Power (mW/MHz)	Tolerance (%)	Tolerance Limit (%)	Result
802.11b	2412	0.95	10	1	-5.16%	-80%~20%	Pass
802.11b	2442	1.07	10	1	6.66%	-80%~20%	Pass
802.11b	2472	1.11	10	1	10.66%	-80%~20%	Pass
802.11g	2412	0.33	10	0.5	-33.47%	-80%~20%	Pass
802.11g	2442	0.43	10	0.5	-14.29%	-80%~20%	Pass
802.11g	2472	0.26	10	0.5	-48.47%	-80%~20%	Pass
802.11n(HT20)	2412	0.29	10	0.5	-42.45%	-80%~20%	Pass
802.11n(HT20)	2442	0.43	10	0.5	-14.68%	-80%~20%	Pass
802.11n(HT20)	2472	0.37	10	0.5	-25.18%	-80%~20%	Pass
802.11n(HT40)	2422	0.14	5	0.3	-54.72%	-80%~20%	Pass
802.11n(HT40)	2442	0.14	5	0.3	-51.93%	-80%~20%	Pass
802.11n(HT40)	2462	0.10	5	0.3	-67.05%	-80%~20%	Pass

3.2 Test Plots





4. Spurious Emission

4.1 Test Data

WLAN Spurious Emission NTC							
Test Mode	Test Freq (MHz)	Start Freq (MHz)	Stop Freq (MHz)	Peak Value Freq (MHz)	Spurious Emission (uW)	Limit (uW)	Result
802.11b	2412	30	2387	2194.4	0.203	2.5	Pass
802.11b	2412	2387	2400	2399.8	0.018	2.5	Pass
802.11b	2412	2483.5	2496.5	2488.1	0.011	2.5	Pass
802.11b	2412	2496.5	12500	3746.9	0.310	2.5	Pass
802.11b	2442	30	2387	2311.8	0.185	2.5	Pass
802.11b	2442	2387	2400	2396.3	0.011	2.5	Pass
802.11b	2442	2483.5	2496.5	2492.3	0.011	2.5	Pass
802.11b	2442	2496.5	12500	3757.9	0.302	2.5	Pass
802.11b	2472	30	2387	1711.0	0.813	2.5	Pass
802.11b	2472	2387	2400	2392.0	0.012	2.5	Pass
802.11b	2472	2483.5	2496.5	2485.5	0.025	2.5	Pass
802.11b	2472	2496.5	12500	3757.9	0.289	2.5	Pass
802.11g	2412	30	2387	2323.8	0.176	2.5	Pass
802.11g	2412	2387	2400	2399.9	0.049	2.5	Pass
802.11g	2412	2483.5	2496.5	2486.4	0.014	2.5	Pass
802.11g	2412	2496.5	12500	3848.0	0.324	2.5	Pass
802.11g	2442	30	2387	2288.0	0.166	2.5	Pass
802.11g	2442	2387	2400	2398.6	0.011	2.5	Pass
802.11g	2442	2483.5	2496.5	2489.8	0.013	2.5	Pass
802.11g	2442	2496.5	12500	3782.0	0.385	2.5	Pass
802.11g	2472	30	2387	2263.3	0.170	2.5	Pass
802.11g	2472	2387	2400	2390.8	0.012	2.5	Pass
802.11g	2472	2483.5	2496.5	2484.0	0.043	2.5	Pass
802.11g	2472	2496.5	12500	3759.9	0.405	2.5	Pass
802.11n(HT20)	2412	30	2387	2341.0	0.201	2.5	Pass

802.11n(HT20)	2412	2387	2400	2400.0	0.047	2.5	Pass
802.11n(HT20)	2412	2483.5	2496.5	2489.2	0.014	2.5	Pass
802.11n(HT20)	2412	2496.5	12500	3752.9	0.277	2.5	Pass
802.11n(HT20)	2442	30	2387	2386.5	0.167	2.5	Pass
802.11n(HT20)	2442	2387	2400	2394.8	0.012	2.5	Pass
802.11n(HT20)	2442	2483.5	2496.5	2486.7	0.013	2.5	Pass
802.11n(HT20)	2442	2496.5	12500	3820.0	0.356	2.5	Pass
802.11n(HT20)	2472	30	2387	2364.6	0.160	2.5	Pass
802.11n(HT20)	2472	2387	2400	2388.9	0.012	2.5	Pass
802.11n(HT20)	2472	2483.5	2496.5	2483.6	0.045	2.5	Pass
802.11n(HT20)	2472	2496.5	12500	3811.0	0.309	2.5	Pass
802.11n(HT40)	2422	30	2387	2313.2	0.179	2.5	Pass
802.11n(HT40)	2422	2387	2400	2400.0	0.060	2.5	Pass
802.11n(HT40)	2422	2483.5	2496.5	2488.0	0.013	2.5	Pass
802.11n(HT40)	2422	2496.5	12500	3709.9	0.439	2.5	Pass
802.11n(HT40)	2442	30	2387	2318.2	0.175	2.5	Pass
802.11n(HT40)	2442	2387	2400	2398.3	0.014	2.5	Pass
802.11n(HT40)	2442	2483.5	2496.5	2488.7	0.014	2.5	Pass
802.11n(HT40)	2442	2496.5	12500	3797.0	0.324	2.5	Pass
802.11n(HT40)	2462	30	2387	2328.3	0.154	2.5	Pass
802.11n(HT40)	2462	2387	2400	2399.2	0.010	2.5	Pass
802.11n(HT40)	2462	2483.5	2496.5	2483.9	0.044	2.5	Pass
802.11n(HT40)	2462	2496.5	12500	3856.0	0.342	2.5	Pass

4.2 Test Plots

