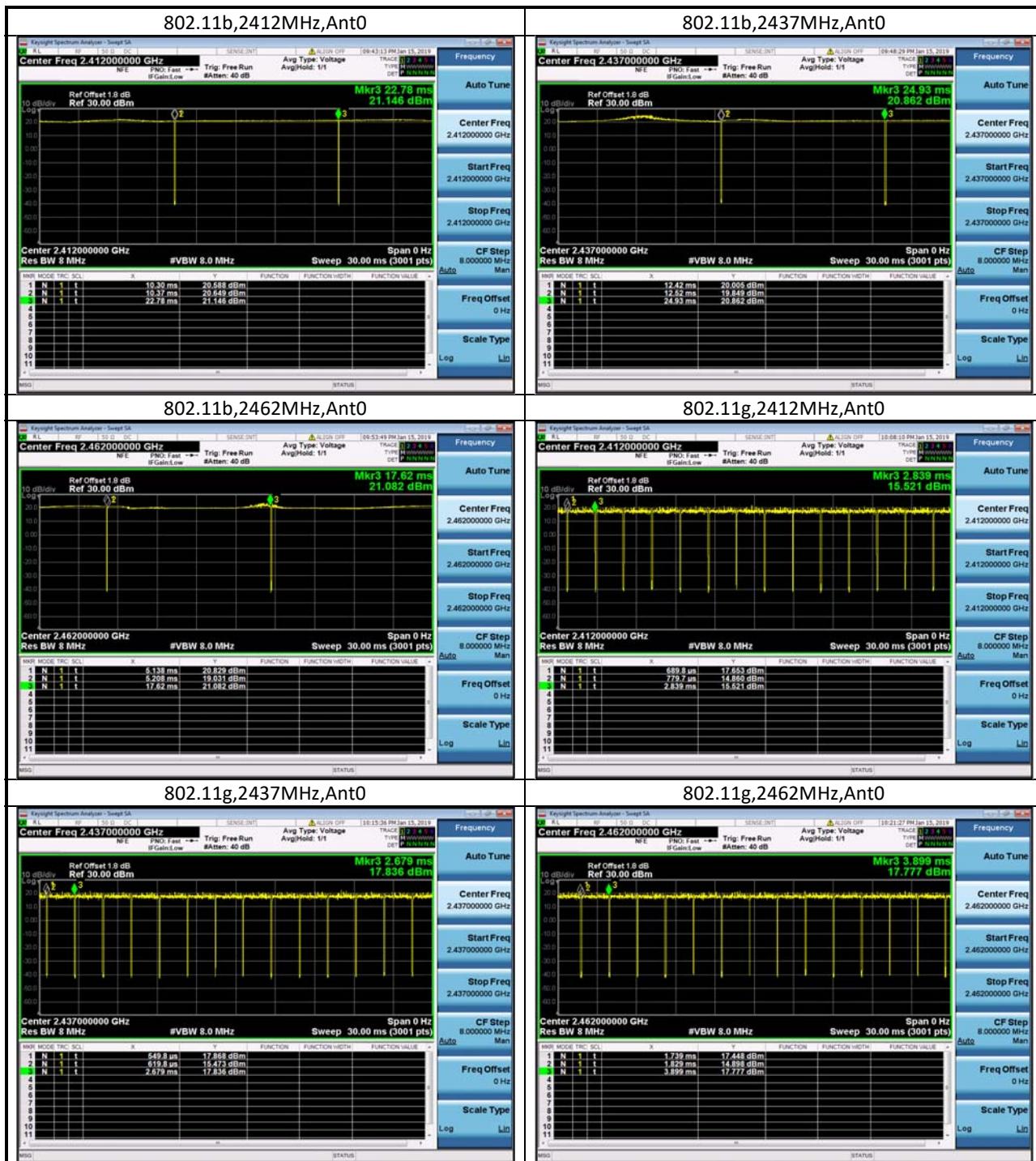
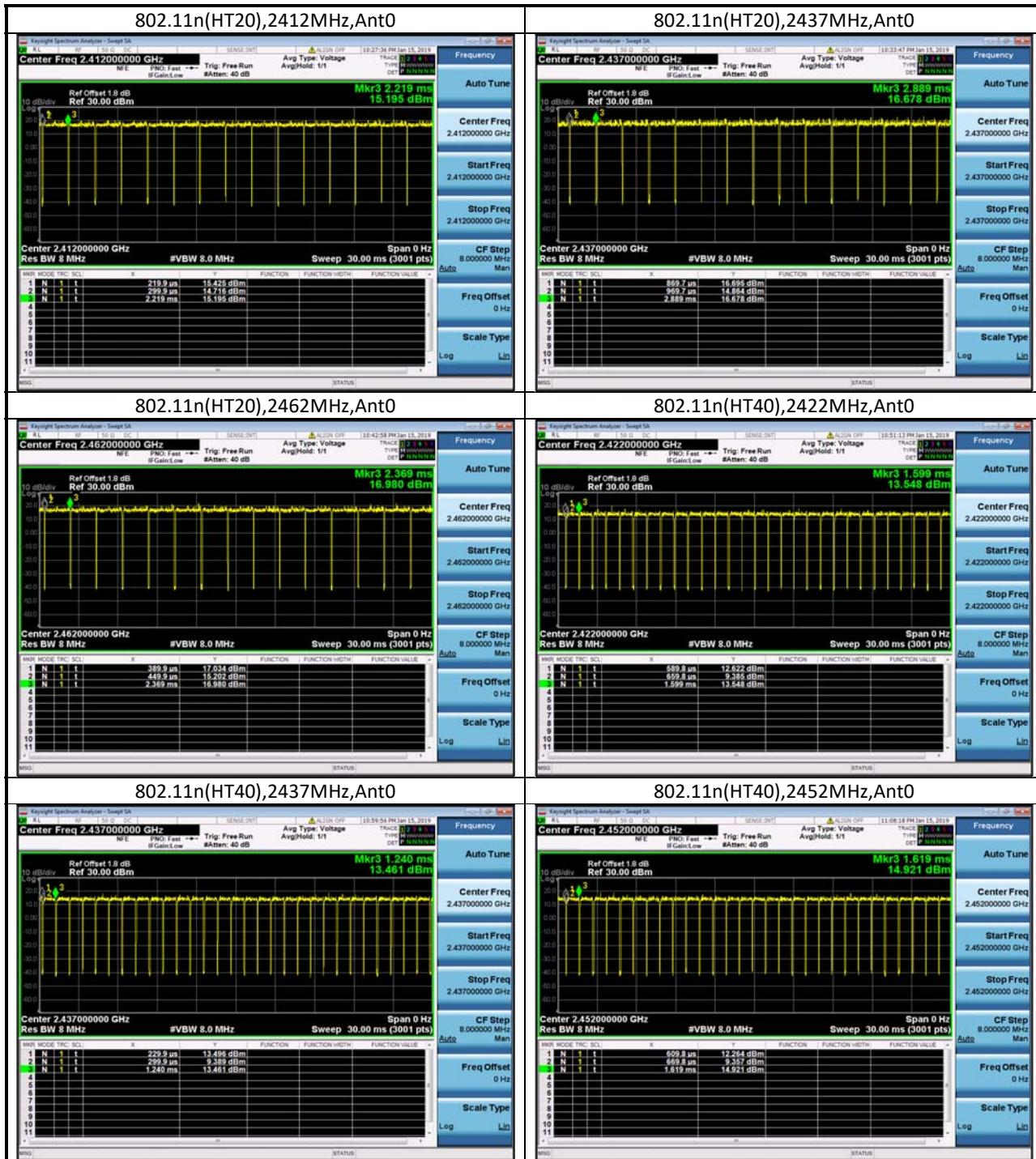


TEST REPORT**Appendix A: Test results****1 Duty Cycle****1.1 Test Data**

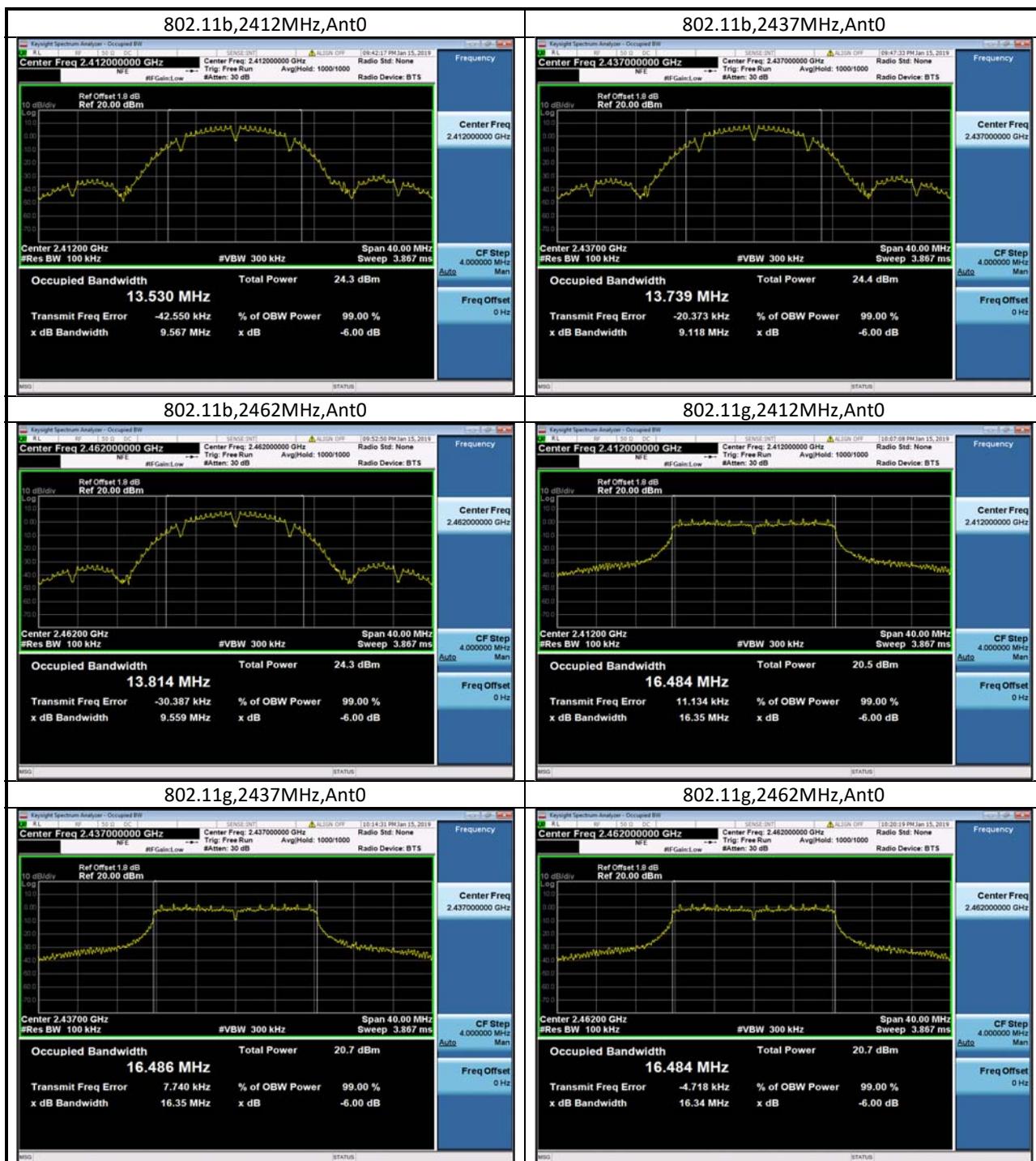
WLAN Duty Cycle				
Mode	Test Frequency (MHz)	Ant	Duty Cycle (%)	Duty Cycle Factor (dB)
802.11b	2412	Ant0	99.44	0.00
802.11b	2437	Ant0	99.20	0.00
802.11b	2462	Ant0	99.44	0.00
802.11g	2412	Ant0	95.81	0.19
802.11g	2437	Ant0	96.71	0.15
802.11g	2462	Ant0	95.83	0.18
802.11n (HT20)	2412	Ant0	96.00	0.18
802.11n (HT20)	2437	Ant0	95.05	0.22
802.11n (HT20)	2462	Ant0	96.97	0.13
802.11n (HT40)	2422	Ant0	93.07	0.31
802.11n (HT40)	2437	Ant0	93.07	0.31
802.11n (HT40)	2452	Ant0	94.06	0.27

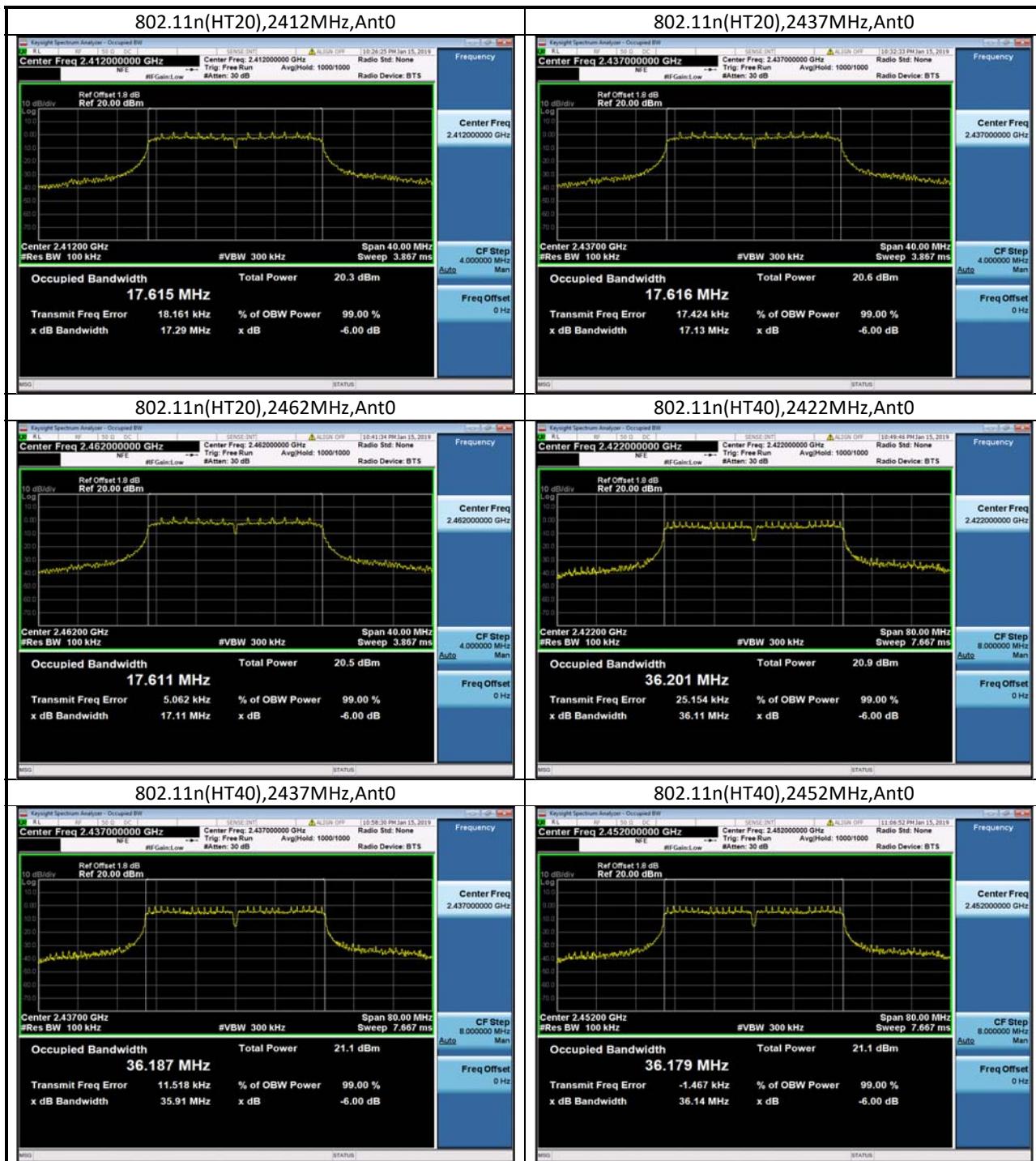
TEST REPORT
1.2 Test Plots


TEST REPORT


TEST REPORT**2 Minimum 6dB bandwidth****2.1 Test Data**

WLAN Occupied 6dB Bandwidth				
Mode	Test Frequency (MHz)	Ant	Occupied Bandwidth (MHz)	Result
802.11b	2412	Ant0	9.57	Pass
802.11b	2437	Ant0	9.12	Pass
802.11b	2462	Ant0	9.56	Pass
802.11g	2412	Ant0	16.35	Pass
802.11g	2437	Ant0	16.35	Pass
802.11g	2462	Ant0	16.34	Pass
802.11n (HT20)	2412	Ant0	17.29	Pass
802.11n (HT20)	2437	Ant0	17.13	Pass
802.11n (HT20)	2462	Ant0	17.11	Pass
802.11n (HT40)	2422	Ant0	36.11	Pass
802.11n (HT40)	2437	Ant0	35.91	Pass
802.11n (HT40)	2452	Ant0	36.14	Pass

TEST REPORT
2.2 Test Plots


TEST REPORT




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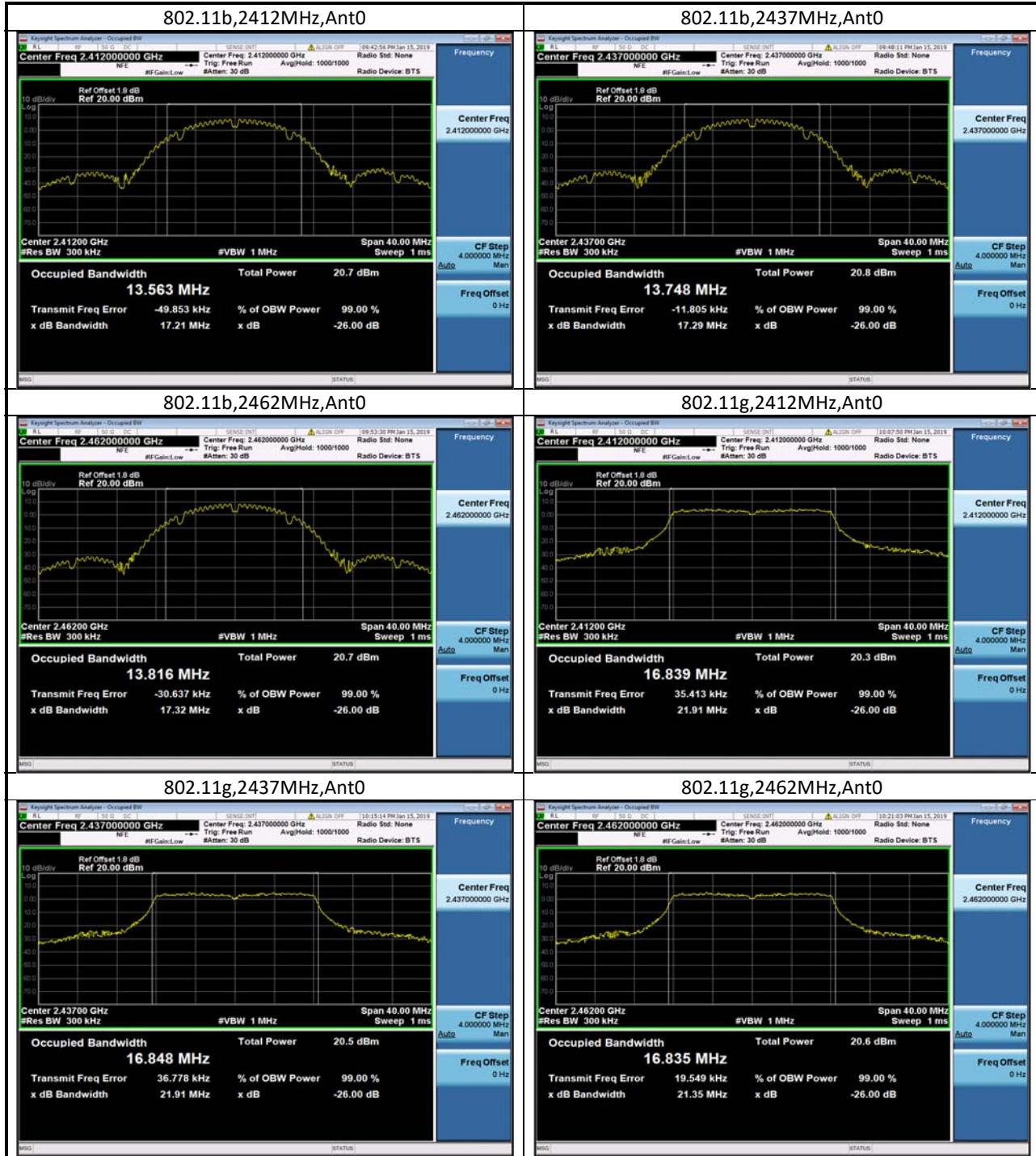
Appendix A

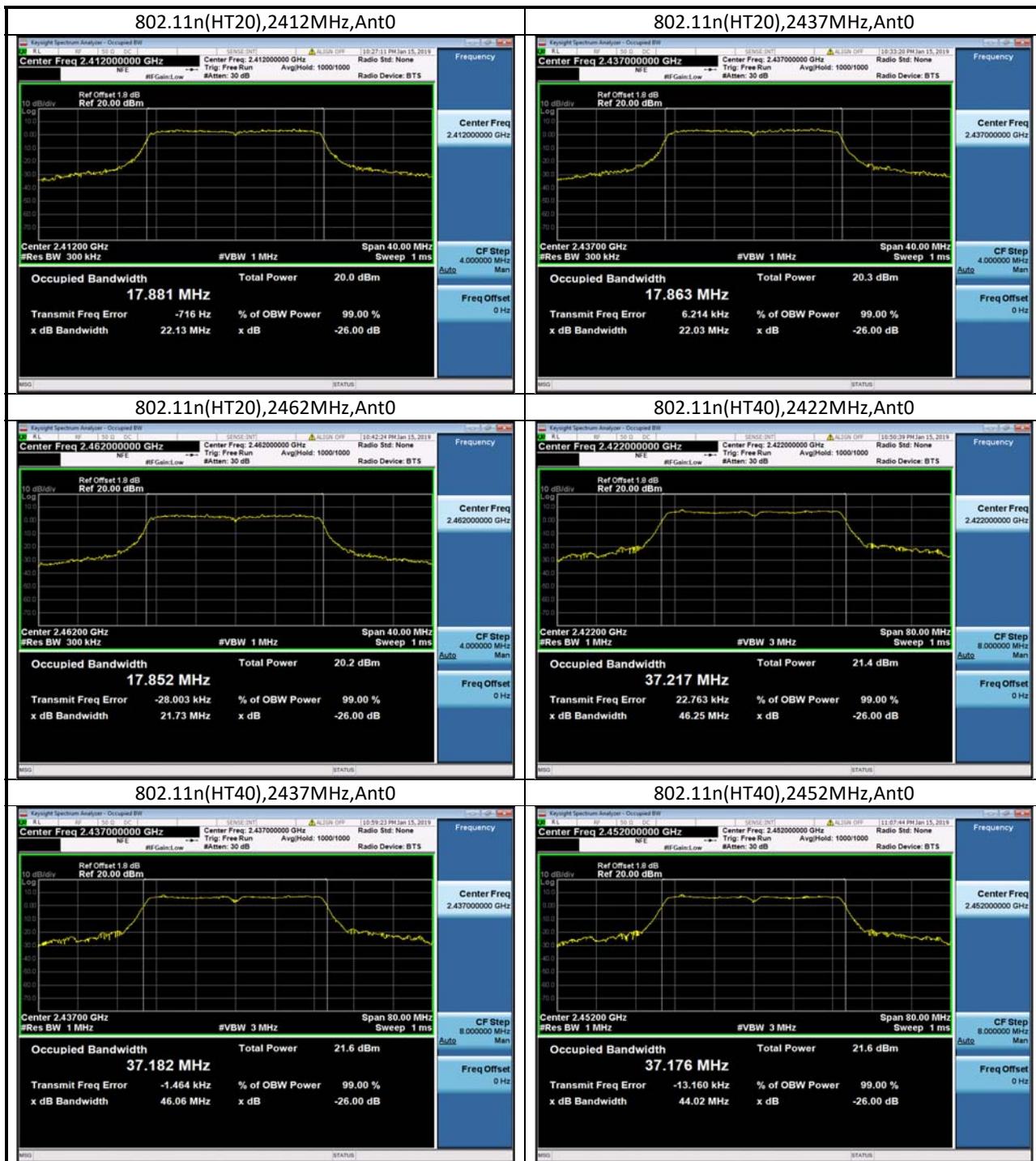
TEST REPORT

3 Occupied Bandwidth

3.1 Test Data

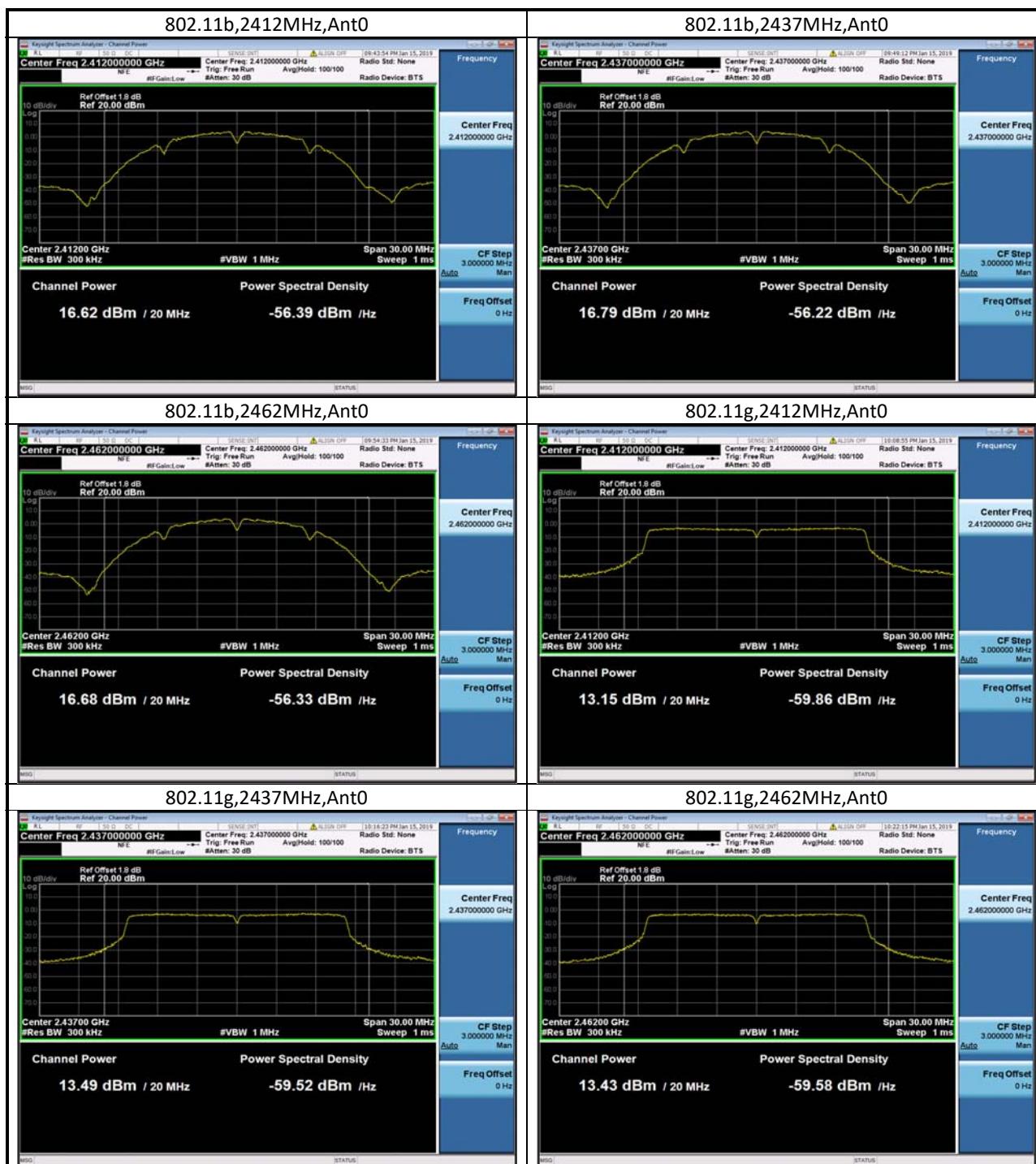
WLAN 99% Occupied Bandwidth				
Mode	Test Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Result
802.11b	2412	Ant0	13.563	Pass
802.11b	2437	Ant0	13.748	Pass
802.11b	2462	Ant0	13.816	Pass
802.11g	2412	Ant0	16.839	Pass
802.11g	2437	Ant0	16.848	Pass
802.11g	2462	Ant0	16.835	Pass
802.11n (HT20)	2412	Ant0	17.881	Pass
802.11n (HT20)	2437	Ant0	17.863	Pass
802.11n (HT20)	2462	Ant0	17.852	Pass
802.11n (HT40)	2422	Ant0	37.217	Pass
802.11n (HT40)	2437	Ant0	37.182	Pass
802.11n (HT40)	2452	Ant0	37.176	Pass

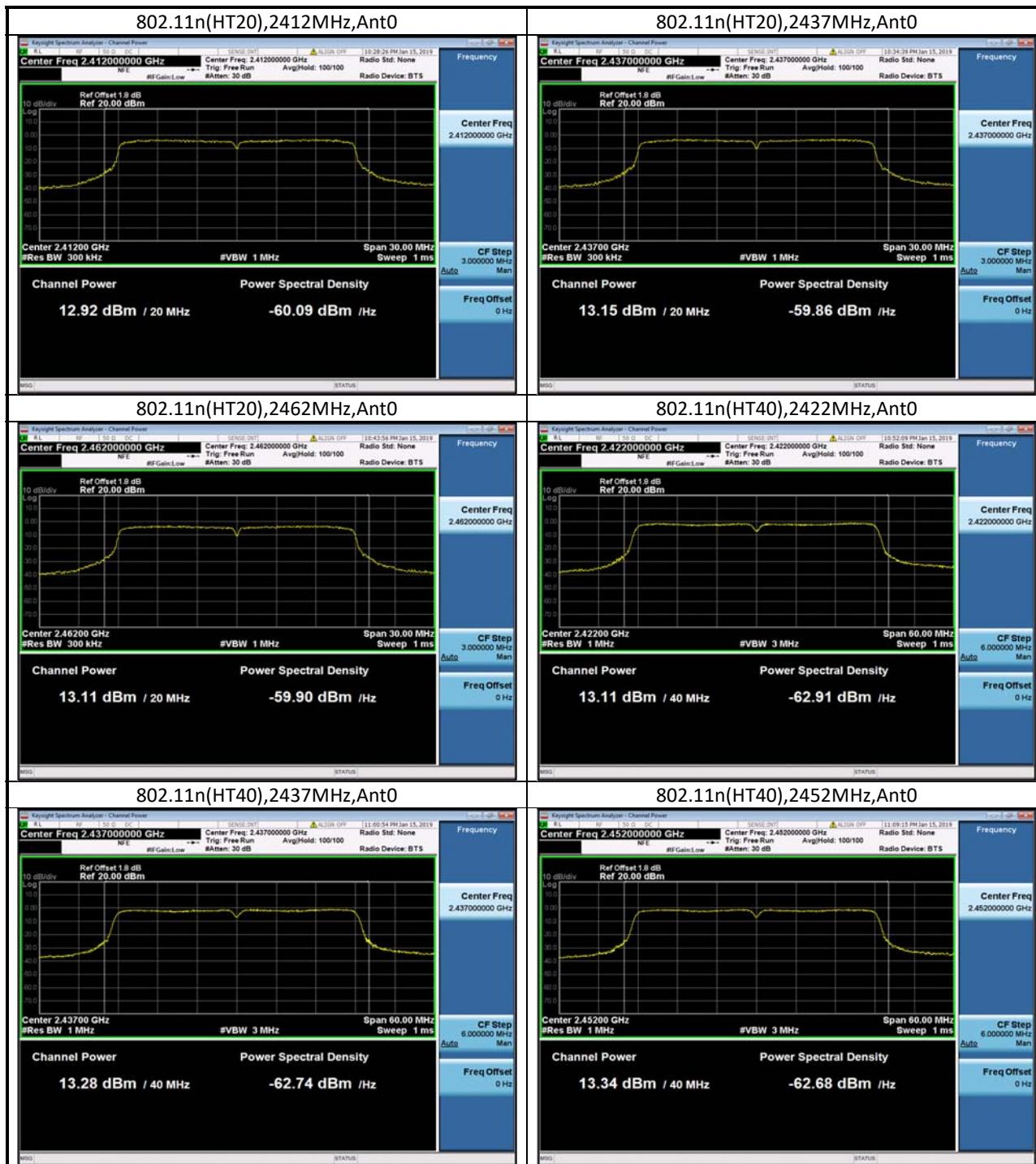
TEST REPORT
3.2 Test Plots


TEST REPORT


TEST REPORT**4 Maximum conducted output power and e.i.r.p****4.1 Test Data**

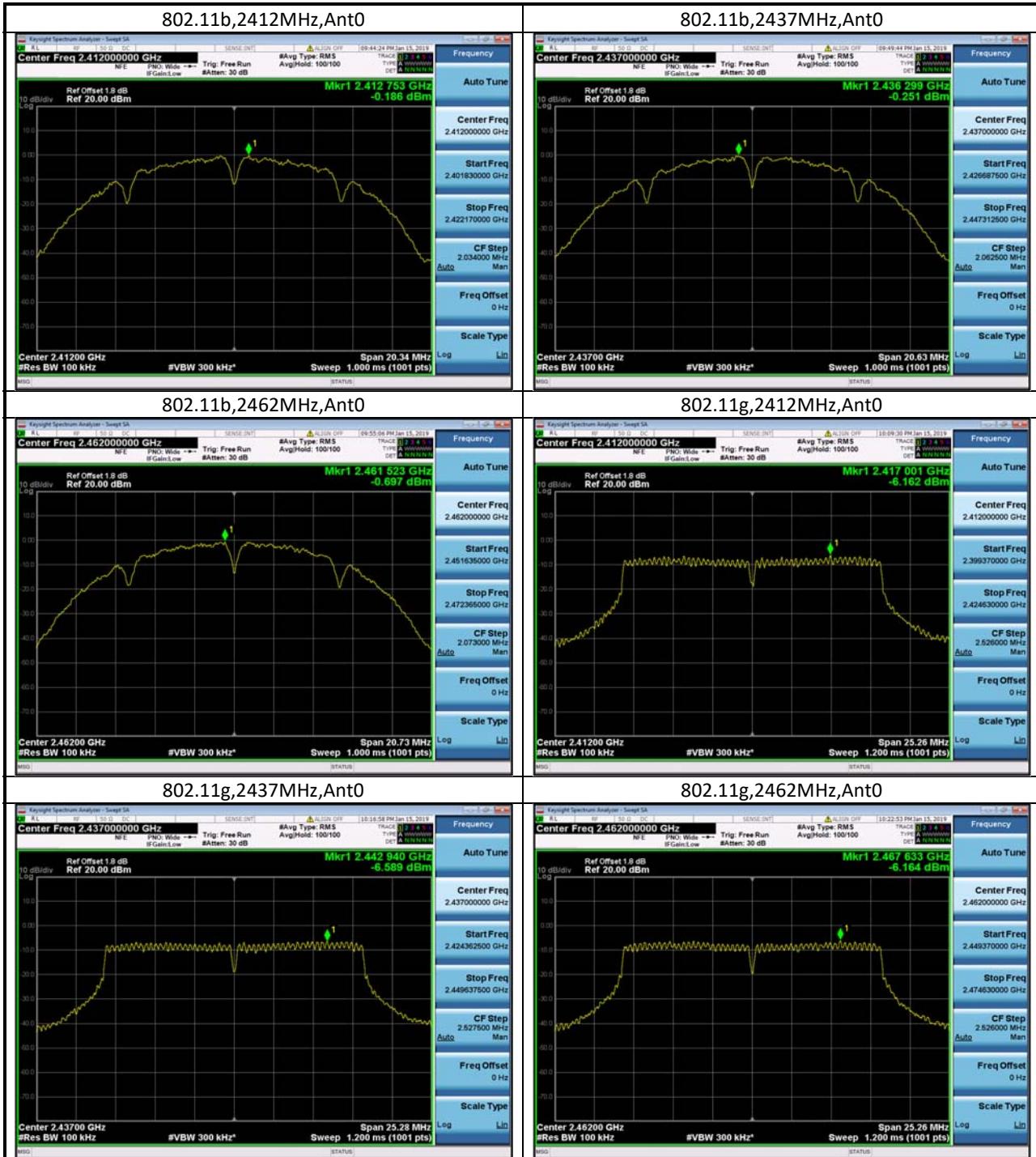
WLAN AVGSA Output Power							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Limit (dBm)	EIRP (dBm)	Result
802.11b	2412	Ant0	0.00	16.62	30	19.72	Pass
802.11b	2437	Ant0	0.00	16.79	30	19.89	Pass
802.11b	2462	Ant0	0.00	16.68	30	19.78	Pass
802.11g	2412	Ant0	0.19	13.34	30	16.44	Pass
802.11g	2437	Ant0	0.15	13.64	30	16.74	Pass
802.11g	2462	Ant0	0.18	13.61	30	16.71	Pass
802.11n (HT20)	2412	Ant0	0.18	13.10	30	16.20	Pass
802.11n (HT20)	2437	Ant0	0.22	13.37	30	16.47	Pass
802.11n (HT20)	2462	Ant0	0.13	13.24	30	16.34	Pass
802.11n (HT40)	2422	Ant0	0.31	13.42	30	16.52	Pass
802.11n (HT40)	2437	Ant0	0.31	13.59	30	16.69	Pass
802.11n (HT40)	2452	Ant0	0.27	13.61	30	16.71	Pass

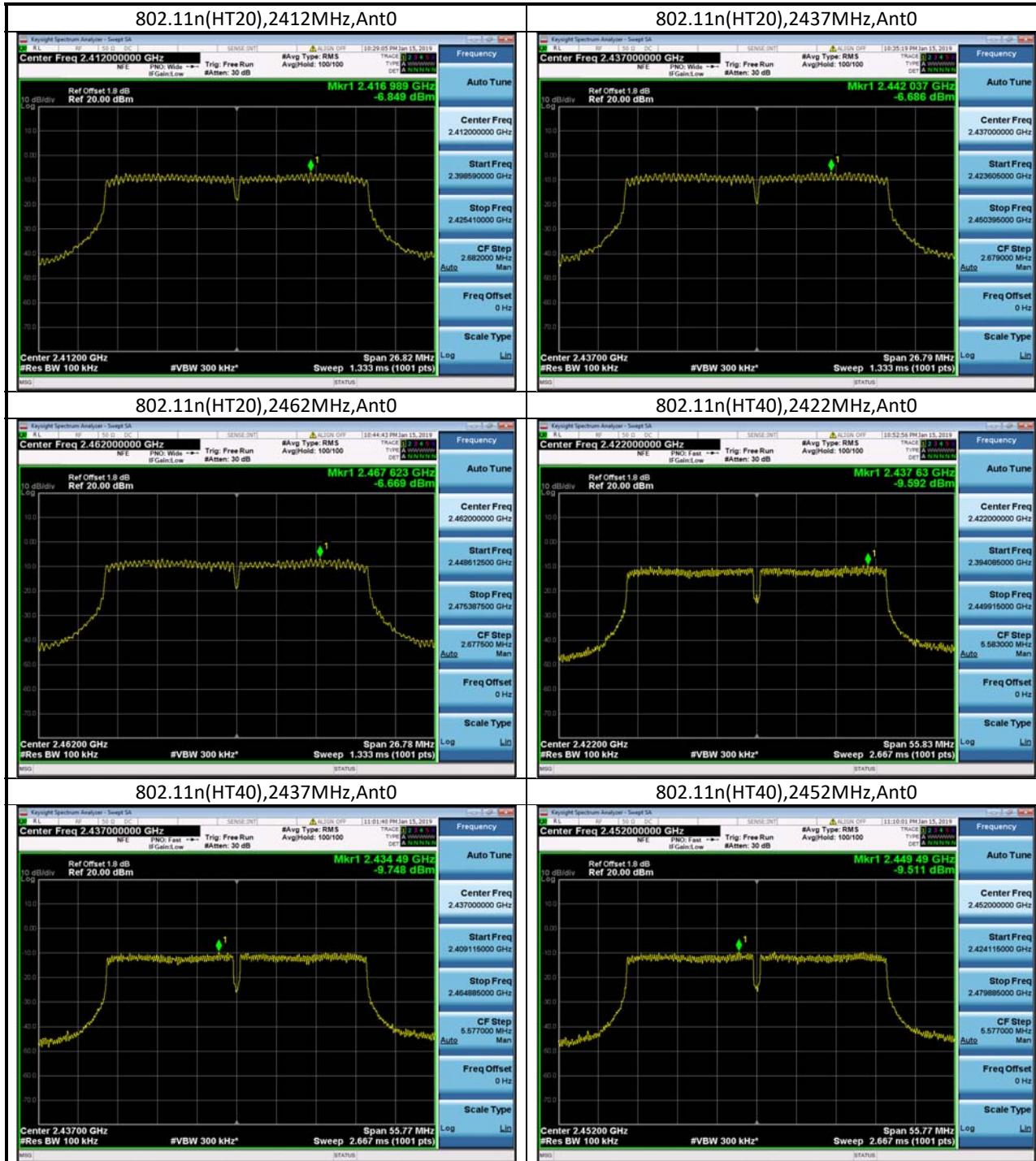
TEST REPORT
4.2 Test Plots


TEST REPORT


TEST REPORT**5 Power spectrum density****5.1 Test Data**

WLAN AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm/100KHz)	RBW (kHz)	Limit (dBm/3KHz)	Result
802.11b	2412	Ant0	0.00	-0.186	100	8	Pass
802.11b	2437	Ant0	0.00	-0.251	100	8	Pass
802.11b	2462	Ant0	0.00	-0.697	100	8	Pass
802.11g	2412	Ant0	0.19	-5.972	100	8	Pass
802.11g	2437	Ant0	0.15	-6.439	100	8	Pass
802.11g	2462	Ant0	0.18	-5.984	100	8	Pass
802.11n (HT20)	2412	Ant0	0.18	-6.669	100	8	Pass
802.11n (HT20)	2437	Ant0	0.22	-6.466	100	8	Pass
802.11n (HT20)	2462	Ant0	0.13	-6.539	100	8	Pass
802.11n (HT40)	2422	Ant0	0.31	-9.282	100	8	Pass
802.11n (HT40)	2437	Ant0	0.31	-9.438	100	8	Pass
802.11n (HT40)	2452	Ant0	0.27	-9.241	100	8	Pass

TEST REPORT
5.2 Test Plots


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TEST REPORT

6 Emission outside the frequency band

6.1 Test Data

WLAN Transmitter Spurious Emission						
Mode	Test Frequency (MHz)	Ant	Plot No.	Frequency Range	Emission (dBm)	Result
802.11b	2412	Ant0	1	Reference Level	8.14	Pass
802.11b	2412	Ant0	2	Band Edge	-32.62	Pass
802.11b	2412	Ant0	3	30MHz~2310MHz	-55.24	Pass
802.11b	2412	Ant0	4	2500MHz~5000MHz	-46.36	Pass
802.11b	2412	Ant0	5	5000MHz~25000MHz	-42.69	Pass
802.11b	2437	Ant0	1	Reference Level	8.27	Pass
802.11b	2437	Ant0	2	Band Edge	-53.38	Pass
802.11b	2437	Ant0	3	30MHz~2310MHz	-55.19	Pass
802.11b	2437	Ant0	4	2500MHz~5000MHz	-47.24	Pass
802.11b	2437	Ant0	5	5000MHz~25000MHz	-42.81	Pass
802.11b	2462	Ant0	1	Reference Level	7.99	Pass
802.11b	2462	Ant0	2	Band Edge	-44.46	Pass
802.11b	2462	Ant0	3	30MHz~2310MHz	-54.93	Pass
802.11b	2462	Ant0	4	2500MHz~5000MHz	-47.18	Pass
802.11b	2462	Ant0	5	5000MHz~25000MHz	-43.18	Pass
802.11g	2412	Ant0	1	Reference Level	2.20	Pass
802.11g	2412	Ant0	2	Band Edge	-30.63	Pass
802.11g	2412	Ant0	3	30MHz~2310MHz	-54.79	Pass
802.11g	2412	Ant0	4	2500MHz~5000MHz	-52.93	Pass
802.11g	2412	Ant0	5	5000MHz~25000MHz	-42.92	Pass
802.11g	2437	Ant0	1	Reference Level	2.42	Pass
802.11g	2437	Ant0	2	Band Edge	-53.52	Pass
802.11g	2437	Ant0	3	30MHz~2310MHz	-55.14	Pass
802.11g	2437	Ant0	4	2500MHz~5000MHz	-53.04	Pass
802.11g	2437	Ant0	5	5000MHz~25000MHz	-42.52	Pass



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802.11g	2462	Ant0	1	Reference Level	2.57	Pass
802.11g	2462	Ant0	2	Band Edge	-41.06	Pass
802.11g	2462	Ant0	3	30MHz~2310MHz	-55.30	Pass
802.11g	2462	Ant0	4	2500MHz~5000MHz	-53.11	Pass
802.11g	2462	Ant0	5	5000MHz~25000MHz	-42.83	Pass
802.11n (HT20)	2412	Ant0	1	Reference Level	2.09	Pass
802.11n (HT20)	2412	Ant0	2	Band Edge	-31.10	Pass
802.11n (HT20)	2412	Ant0	3	30MHz~2310MHz	-54.92	Pass
802.11n (HT20)	2412	Ant0	4	2500MHz~5000MHz	-53.36	Pass
802.11n (HT20)	2412	Ant0	5	5000MHz~25000MHz	-43.13	Pass
802.11n (HT20)	2437	Ant0	1	Reference Level	2.33	Pass
802.11n (HT20)	2437	Ant0	2	Band Edge	-52.27	Pass
802.11n (HT20)	2437	Ant0	3	30MHz~2310MHz	-55.23	Pass
802.11n (HT20)	2437	Ant0	4	2500MHz~5000MHz	-52.48	Pass
802.11n (HT20)	2437	Ant0	5	5000MHz~25000MHz	-42.23	Pass
802.11n (HT20)	2462	Ant0	1	Reference Level	2.46	Pass
802.11n (HT20)	2462	Ant0	2	Band Edge	-40.08	Pass
802.11n (HT20)	2462	Ant0	3	30MHz~2310MHz	-54.81	Pass
802.11n (HT20)	2462	Ant0	4	2500MHz~5000MHz	-52.45	Pass
802.11n (HT20)	2462	Ant0	5	5000MHz~25000MHz	-42.80	Pass
802.11n (HT40)	2422	Ant0	1	Reference Level	-0.23	Pass
802.11n (HT40)	2422	Ant0	2	Band Edge	-31.47	Pass
802.11n (HT40)	2422	Ant0	3	30MHz~2310MHz	-55.72	Pass
802.11n (HT40)	2422	Ant0	4	2500MHz~5000MHz	-52.69	Pass
802.11n (HT40)	2422	Ant0	5	5000MHz~25000MHz	-43.29	Pass
802.11n (HT40)	2437	Ant0	1	Reference Level	-0.20	Pass



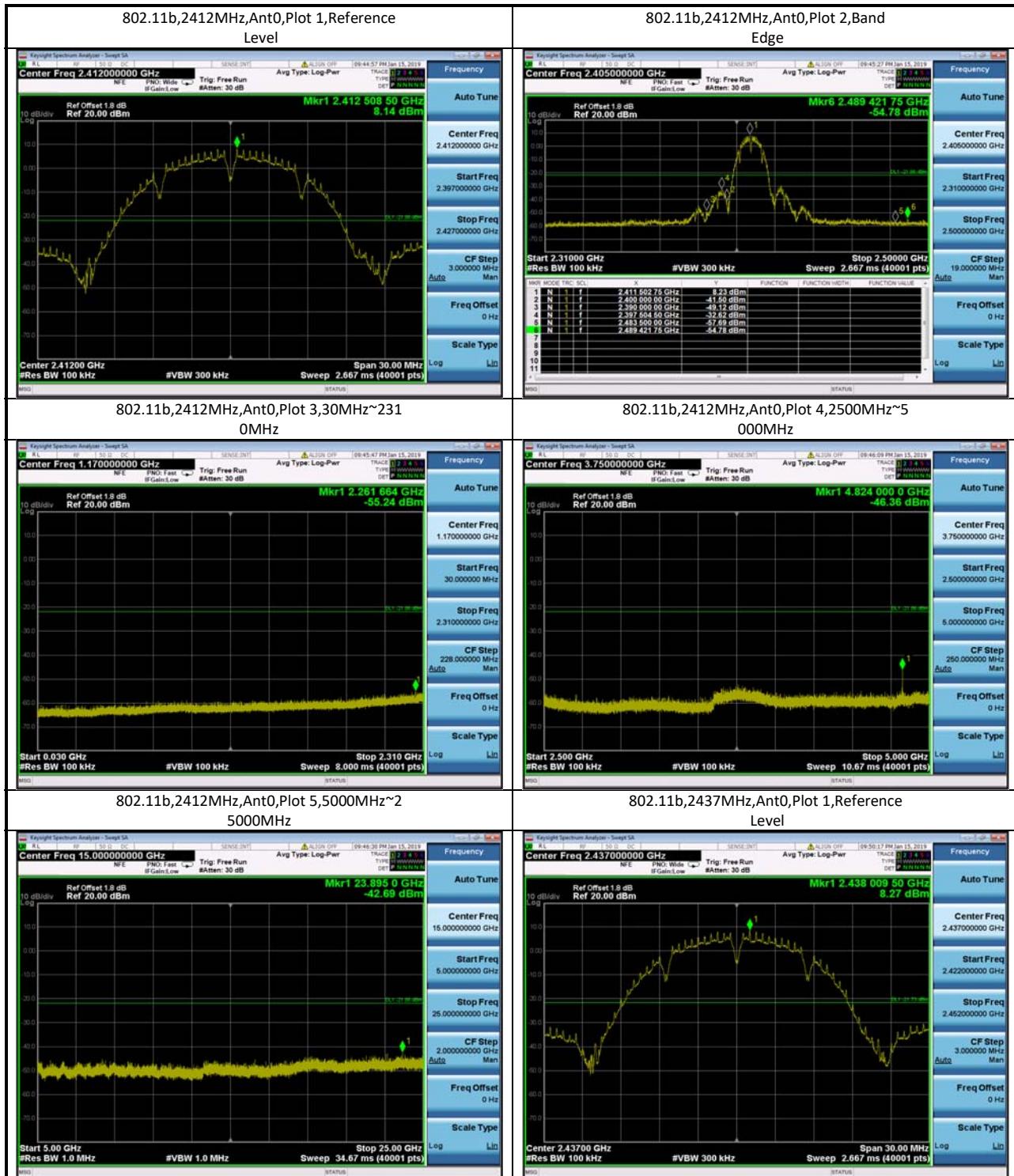
Total Quality. Assured.

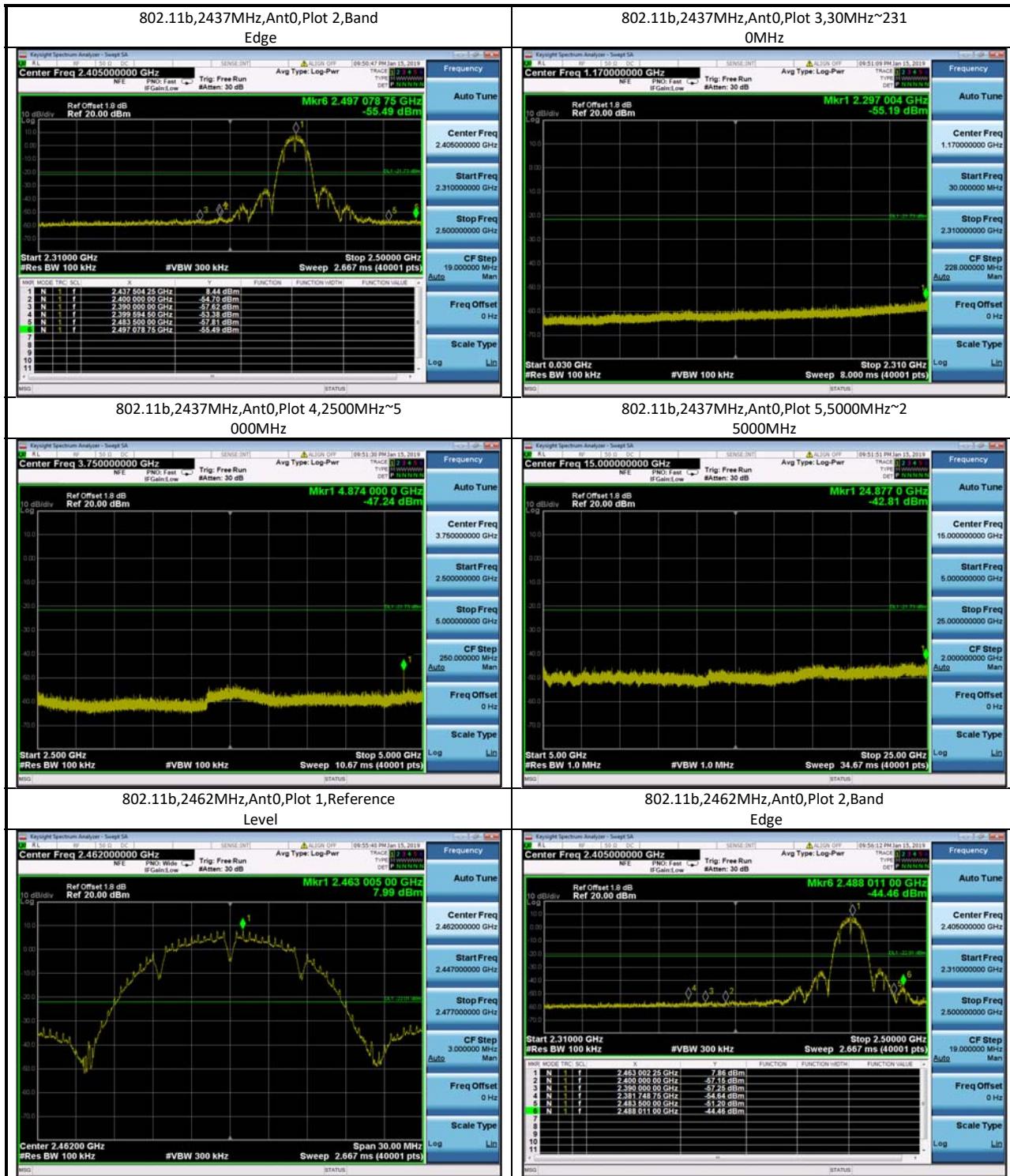
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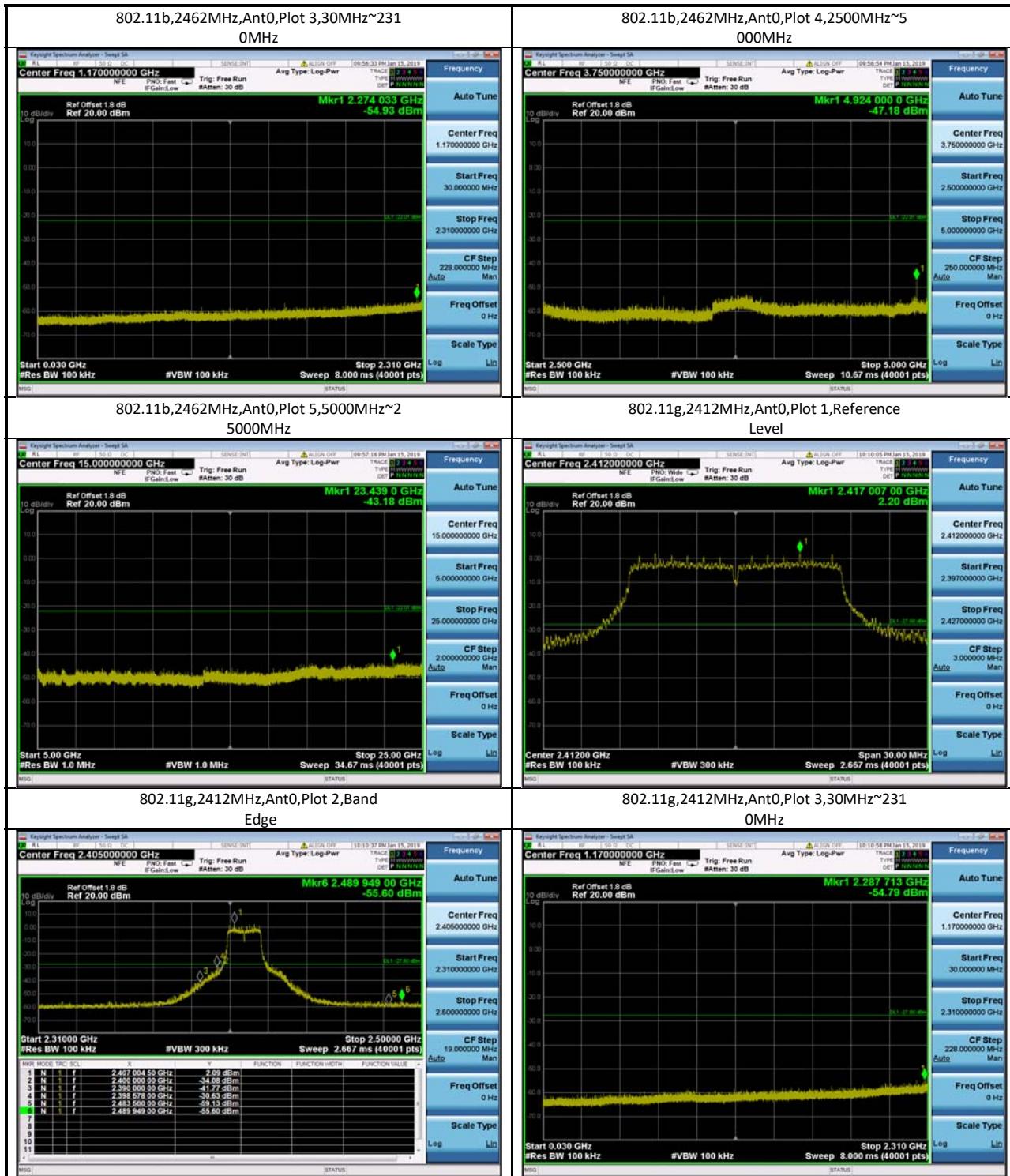
Appendix A

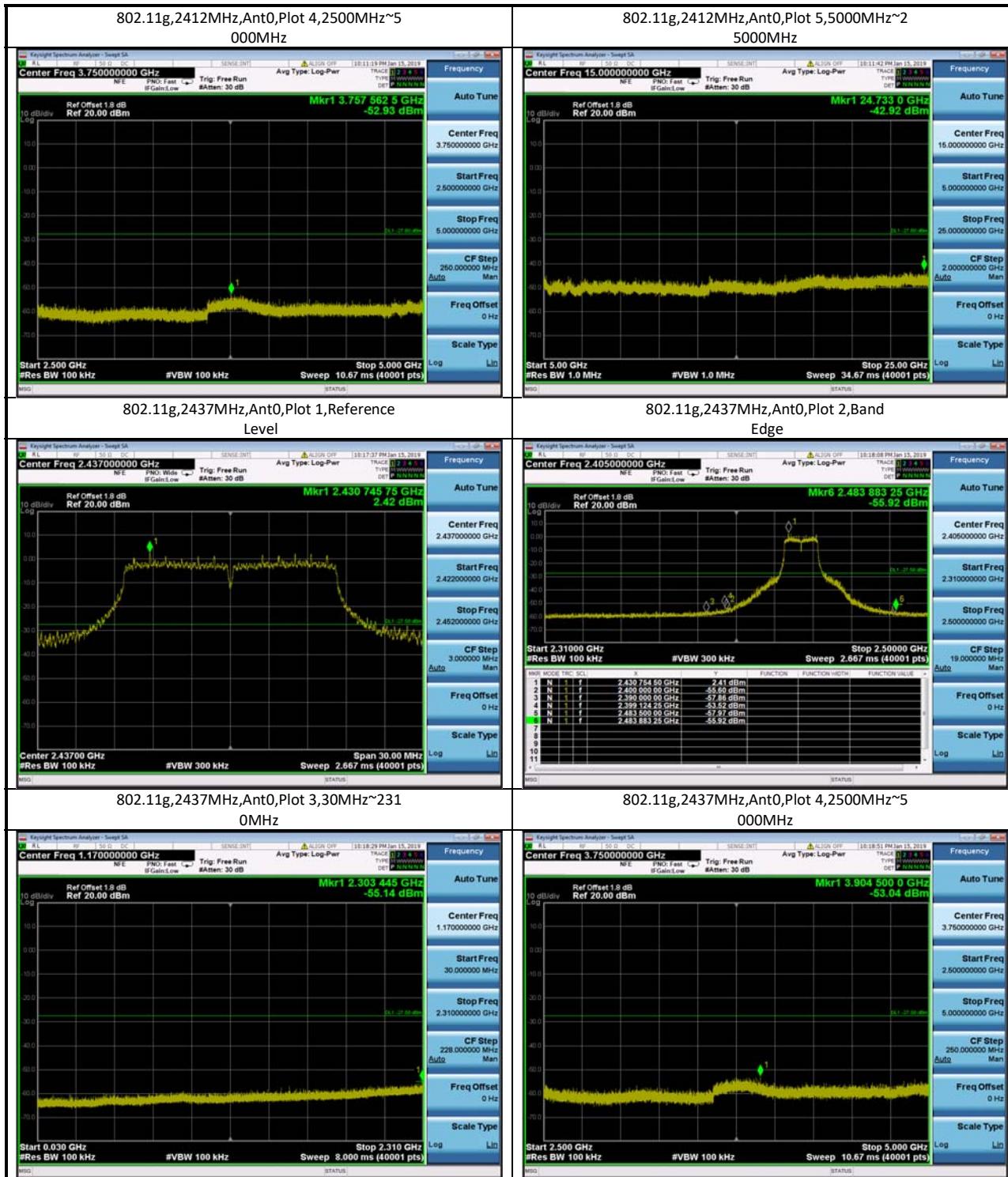
TEST REPORT

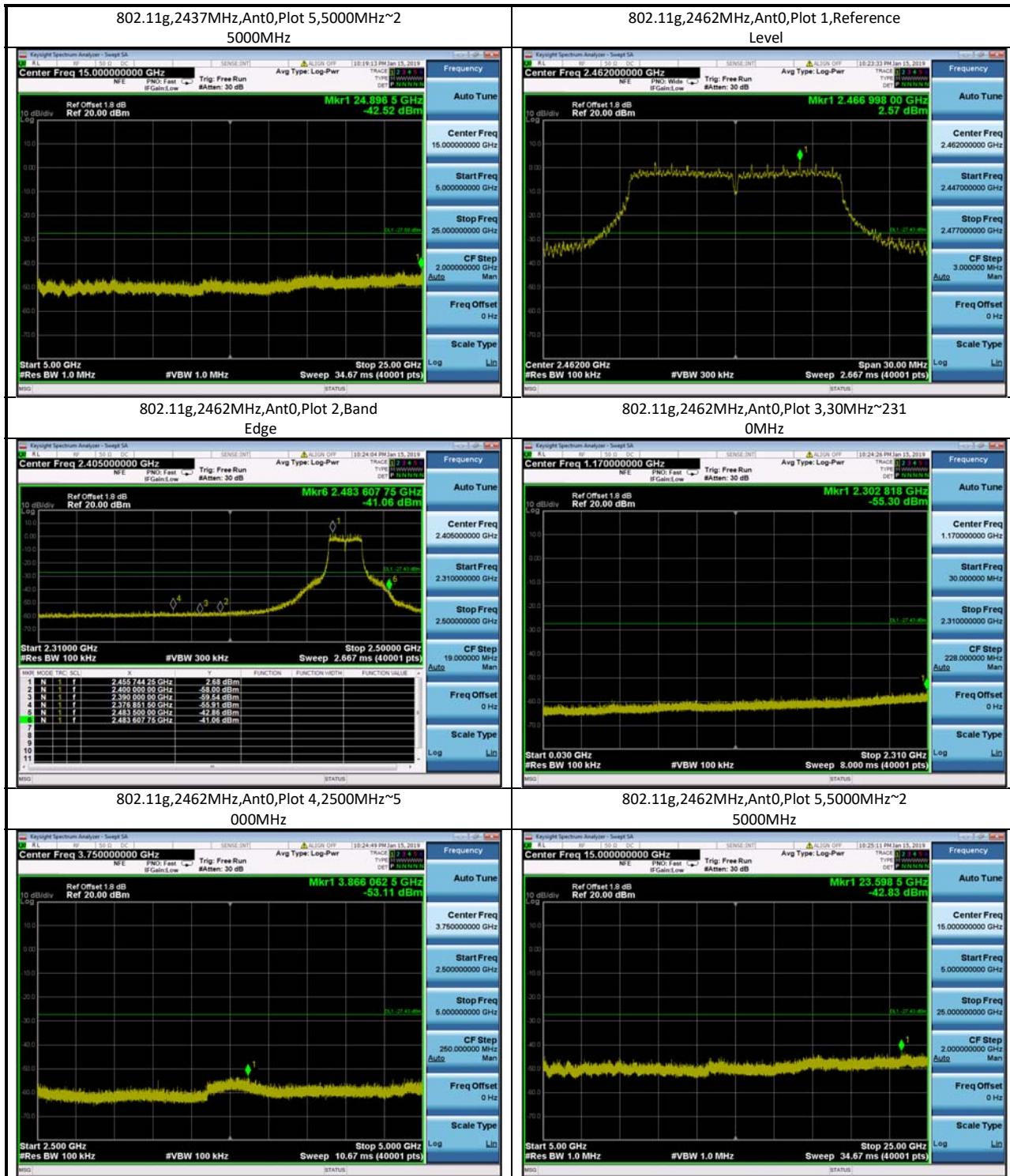
802.11n (HT40)	2437	Ant0	2	Band Edge	-37.17	Pass
802.11n (HT40)	2437	Ant0	3	30MHz~2310MHz	-55.47	Pass
802.11n (HT40)	2437	Ant0	4	2500MHz~5000MHz	-53.01	Pass
802.11n (HT40)	2437	Ant0	5	5000MHz~25000MHz	-42.77	Pass
802.11n (HT40)	2452	Ant0	1	Reference Level	-0.37	Pass
802.11n (HT40)	2452	Ant0	2	Band Edge	-32.62	Pass
802.11n (HT40)	2452	Ant0	3	30MHz~2310MHz	-55.69	Pass
802.11n (HT40)	2452	Ant0	4	2500MHz~5000MHz	-46.53	Pass
802.11n (HT40)	2452	Ant0	5	5000MHz~25000MHz	-43.31	Pass

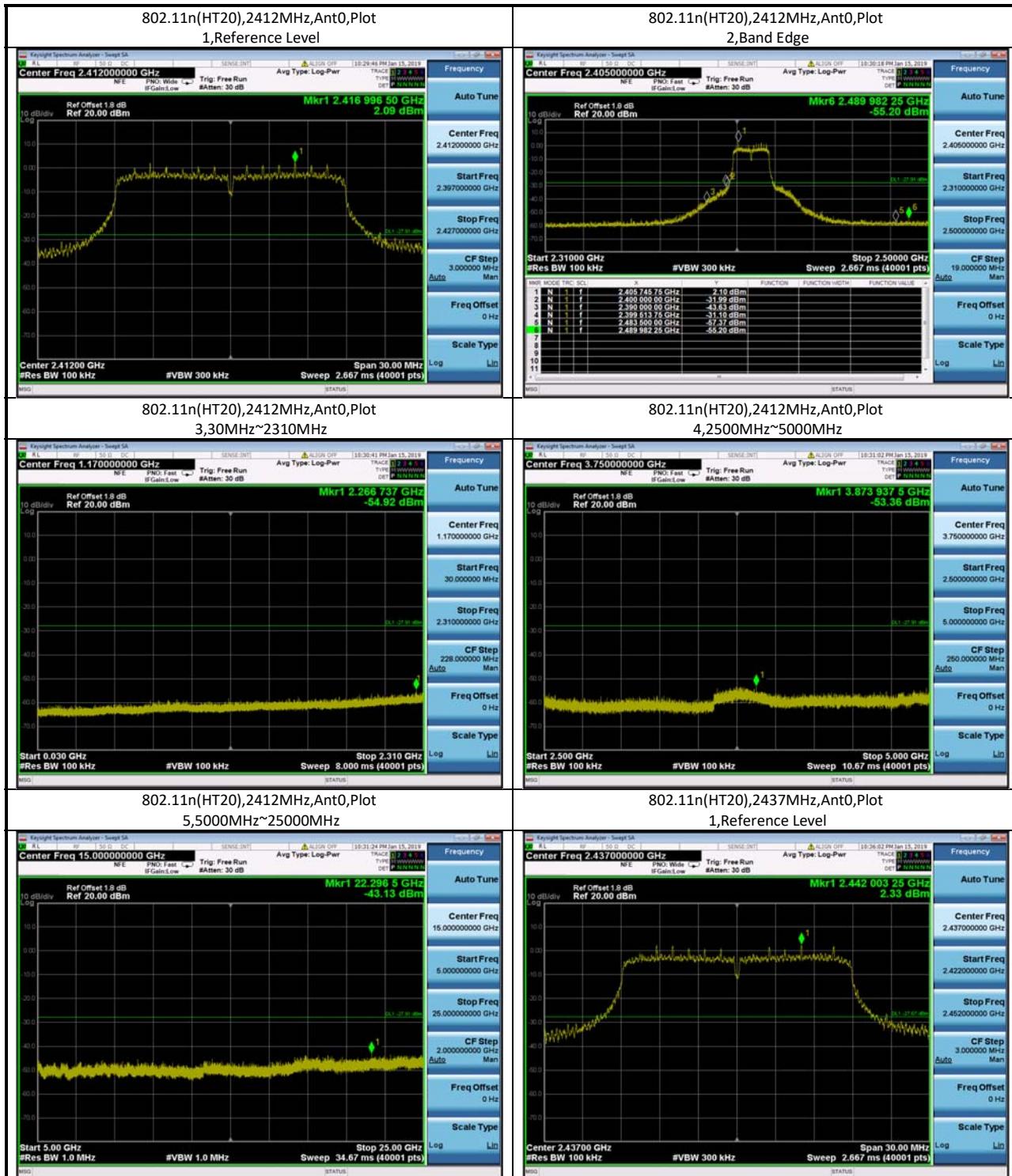
TEST REPORT
6.2 Test Plots


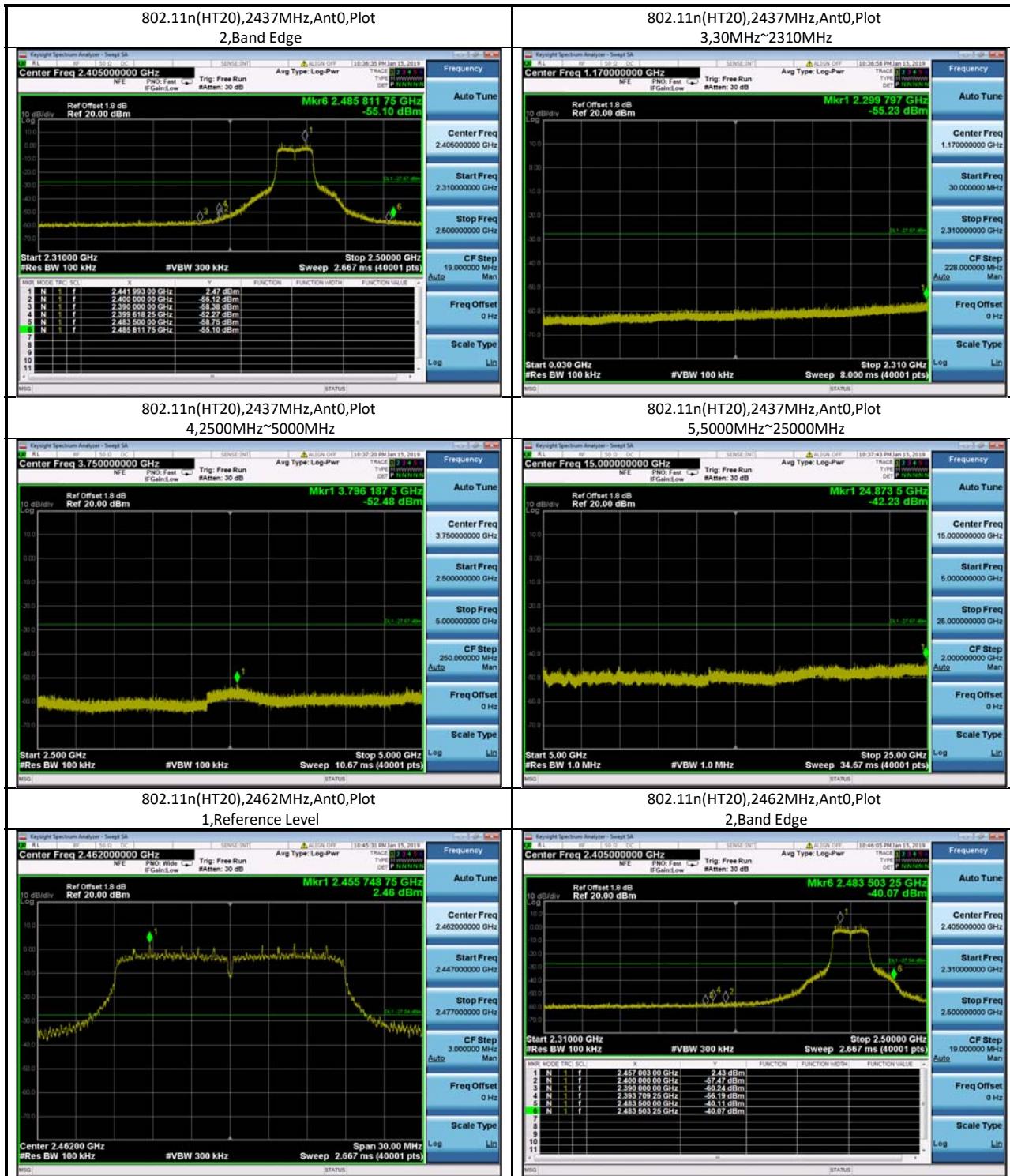
TEST REPORT


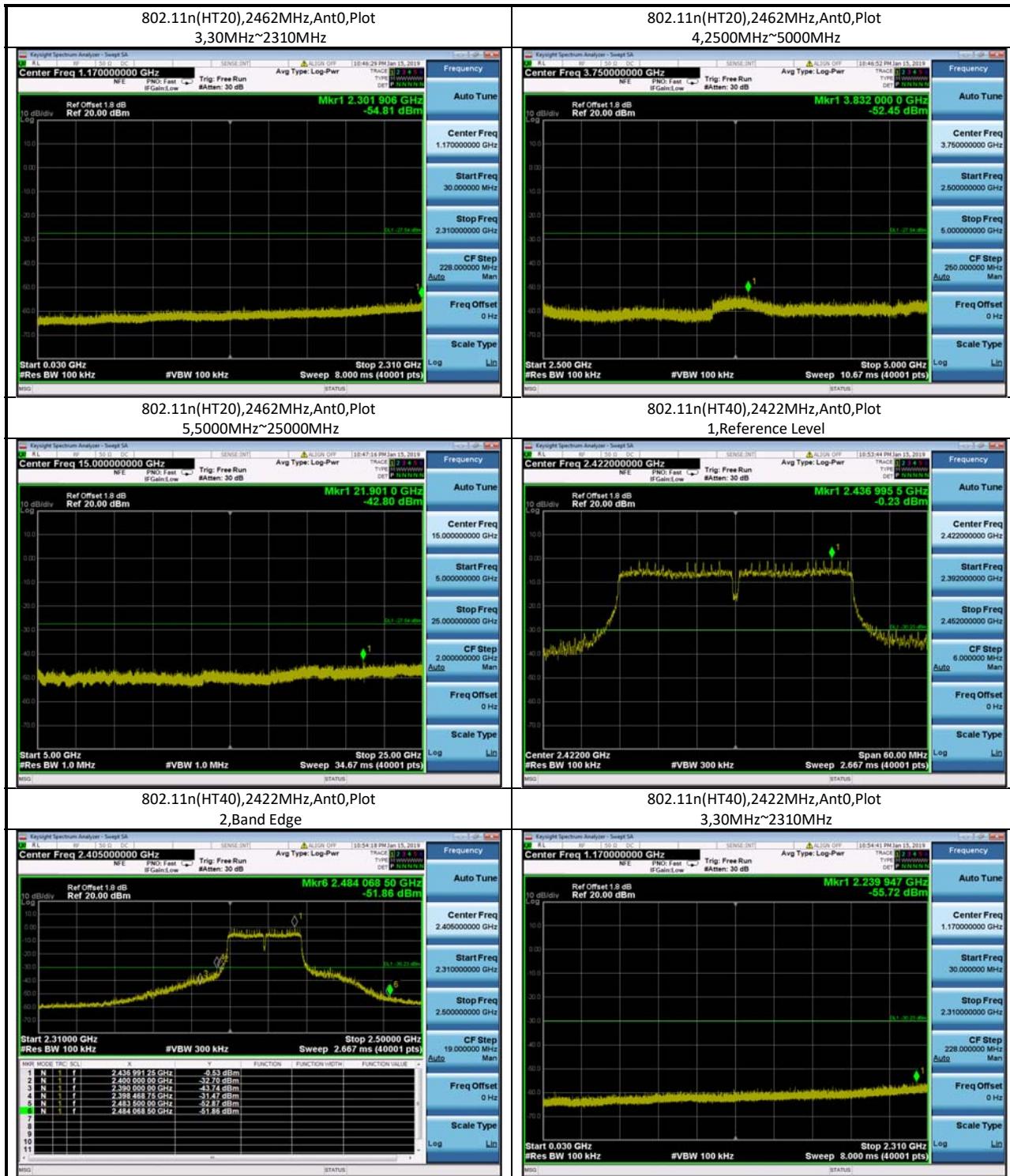
TEST REPORT


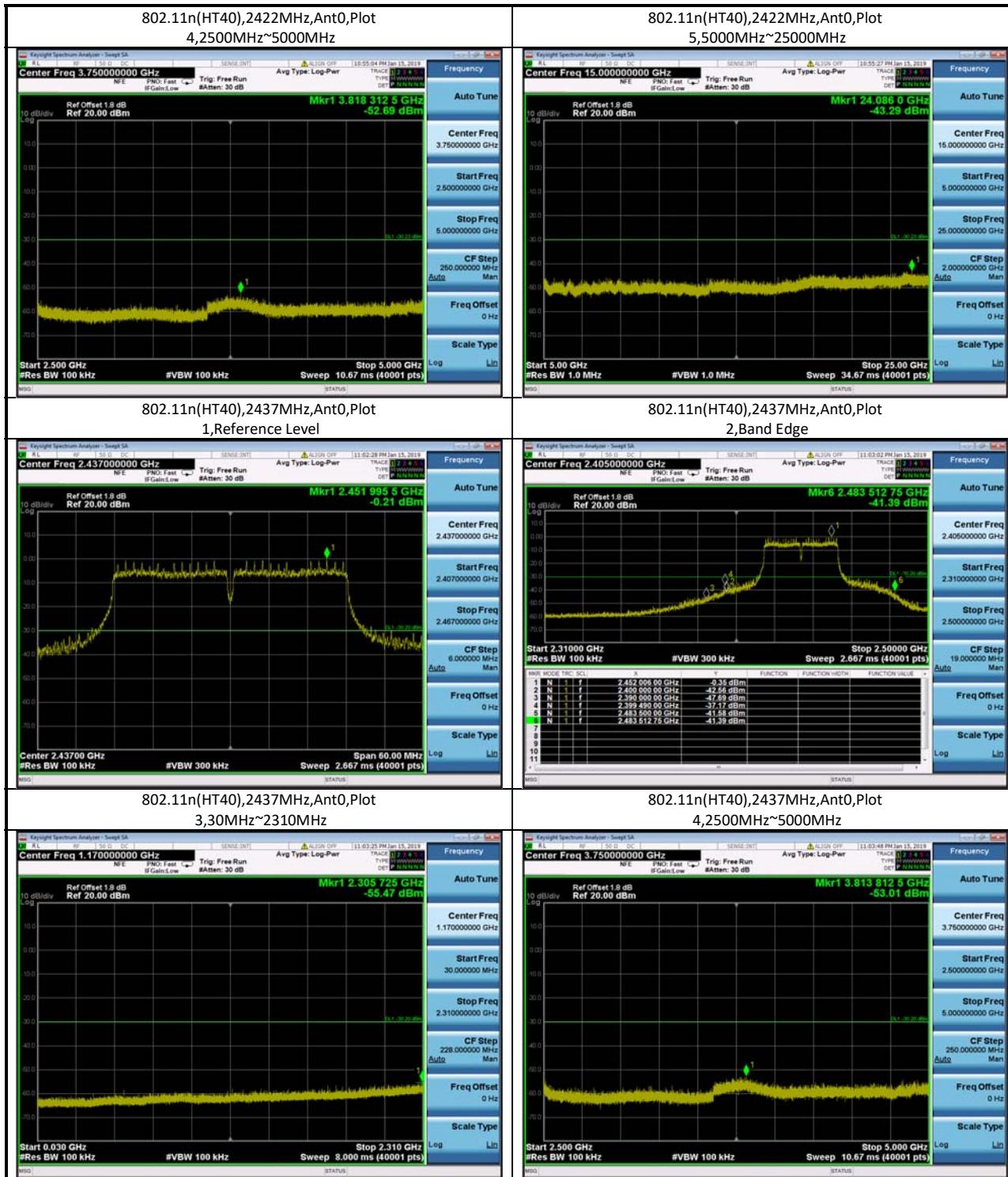
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