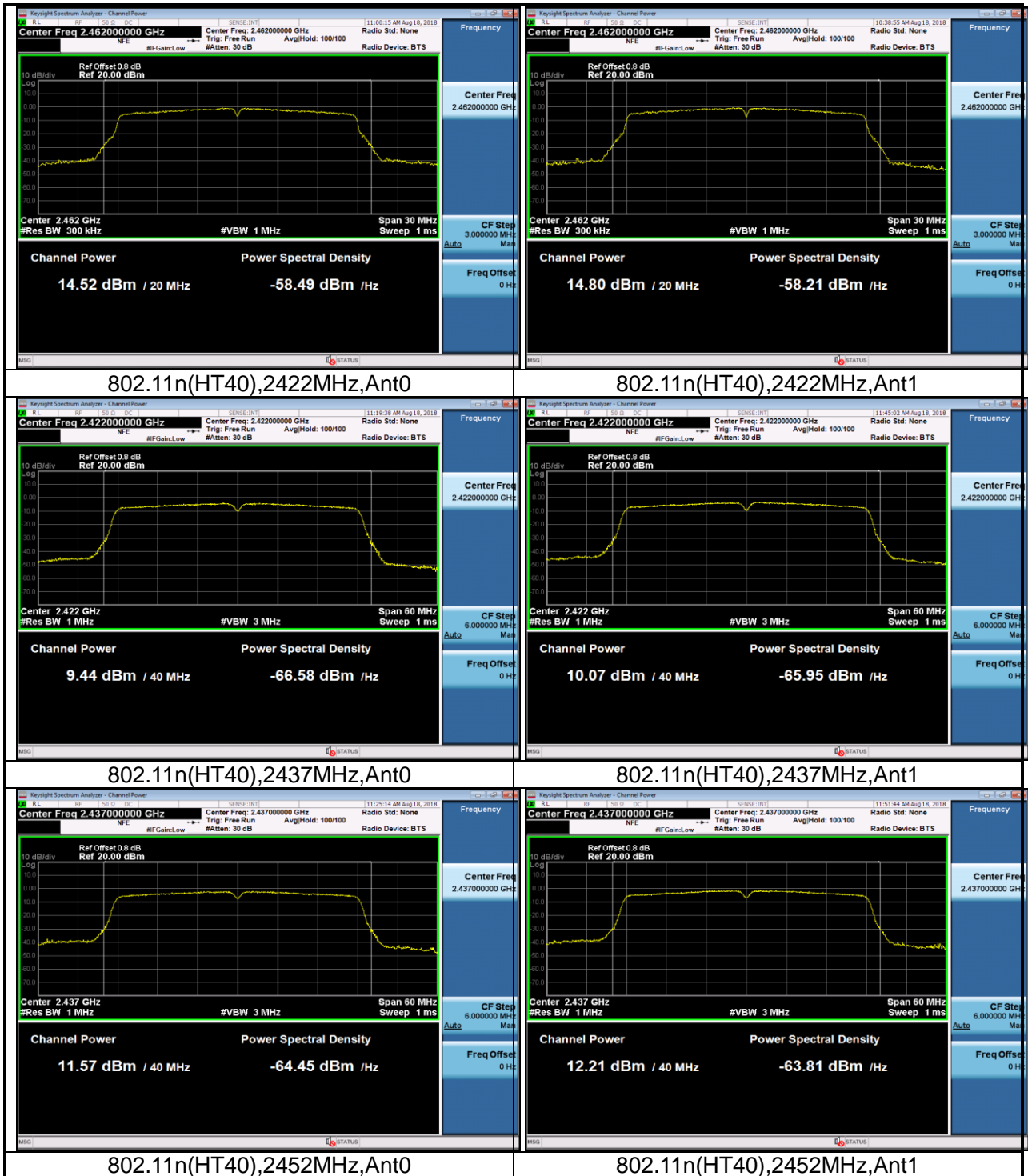


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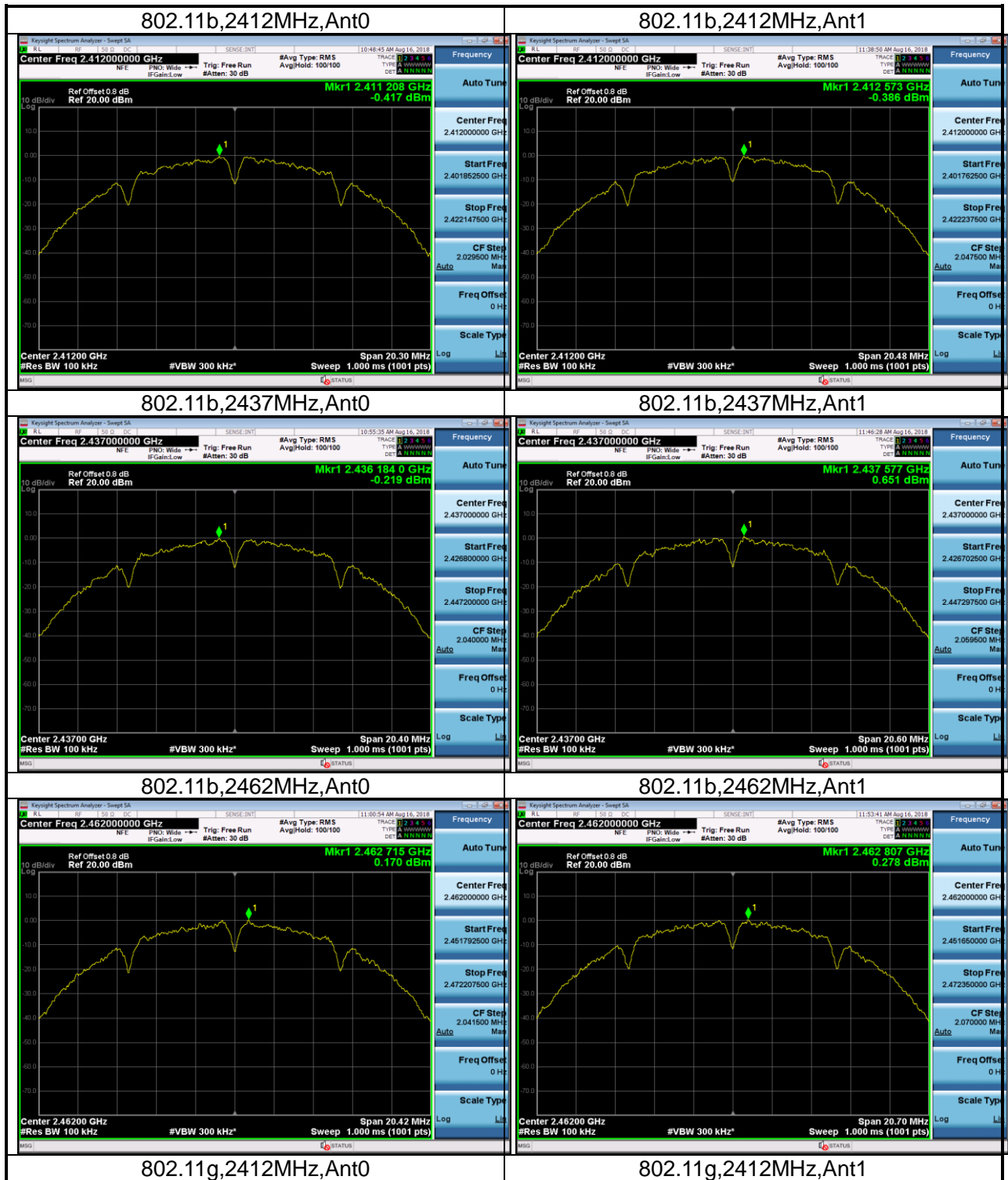
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5. Power spectrum density

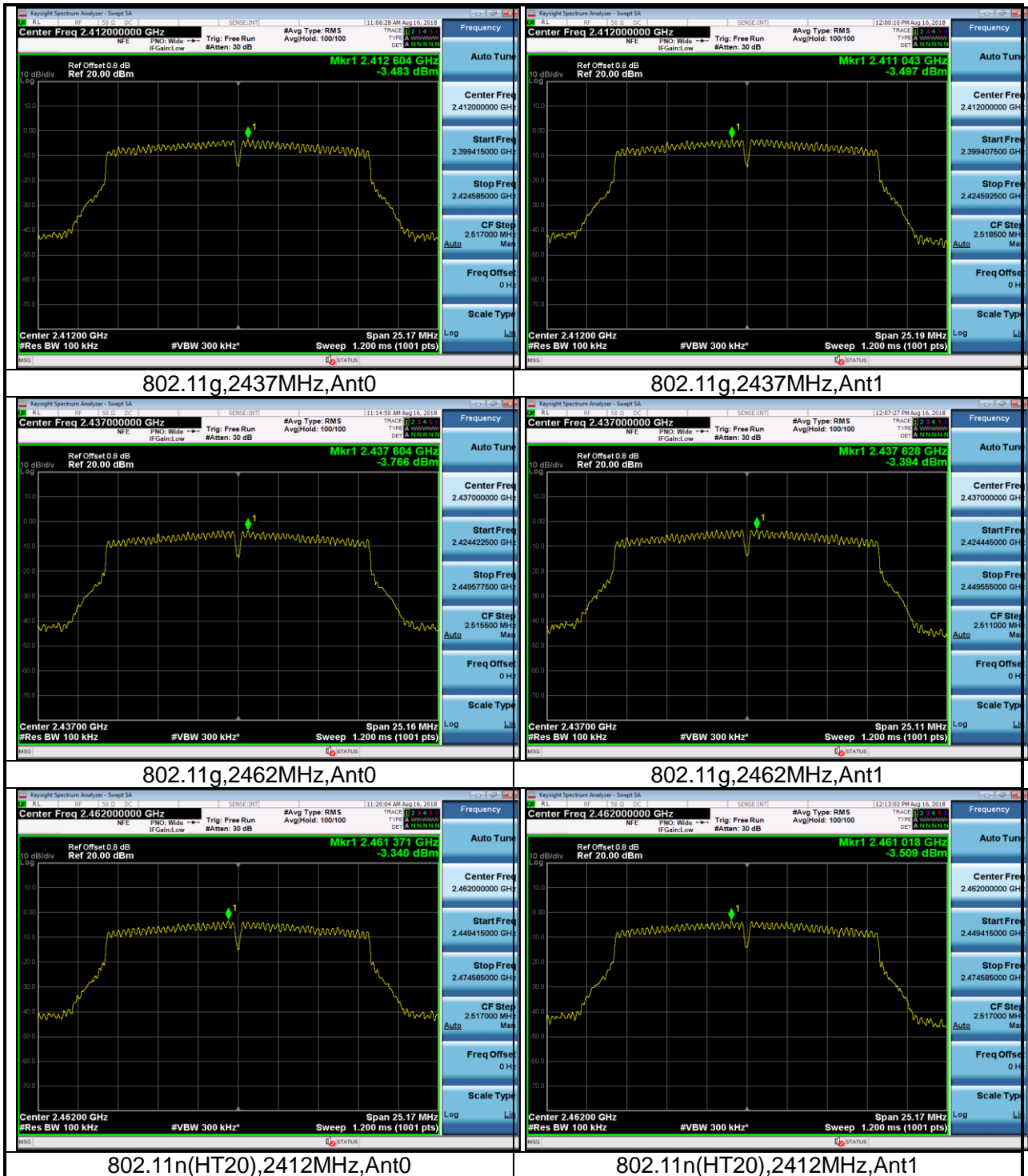
5.1 Test Data

WLAN AVGSA Power Spectral Density								
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	Total PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11b	2412	Ant0	0.00	-0.417	-0.417	100	8	Pass
802.11b	2412	Ant1	0.00	-0.386	-0.386	100	8	Pass
802.11b	2437	Ant0	0.00	-0.219	-0.219	100	8	Pass
802.11b	2437	Ant1	0.00	0.651	0.651	100	8	Pass
802.11b	2462	Ant0	0.00	0.170	0.170	100	8	Pass
802.11b	2462	Ant1	0.00	0.278	0.278	100	8	Pass
802.11g	2412	Ant0	0.09	-3.393	-3.393	100	8	Pass
802.11g	2412	Ant1	0.12	-3.377	-3.377	100	8	Pass
802.11g	2437	Ant0	0.09	-3.676	-3.676	100	8	Pass
802.11g	2437	Ant1	0.09	-3.304	-3.304	100	8	Pass
802.11g	2462	Ant0	0.12	-3.220	-3.220	100	8	Pass
802.11g	2462	Ant1	0.12	-3.389	-3.389	100	8	Pass
802.11n (HT20)	2412	Ant0	0.13	-4.708	-1.351	100	8	Pass
802.11n (HT20)	2412	Ant1	0.13	-4.040				
802.11n (HT20)	2437	Ant0	0.10	-4.207	-1.242	100	8	Pass
802.11n (HT20)	2437	Ant1	0.10	-4.299				
802.11n (HT20)	2462	Ant0	0.13	-4.606	-1.476	100	8	Pass
802.11n (HT20)	2462	Ant1	0.13	-4.370				
802.11n (HT40)	2422	Ant0	0.26	-12.771	-9.509	100	8	Pass
802.11n (HT40)	2422	Ant1	0.26	-12.281				
802.11n (HT40)	2437	Ant0	0.20	-10.319	-7.026	100	8	Pass
802.11n (HT40)	2437	Ant1	0.20	-9.771				
802.11n (HT40)	2452	Ant0	0.20	-10.416	-7.174	100	8	Pass
802.11n (HT40)	2452	Ant1	0.20	-9.965				

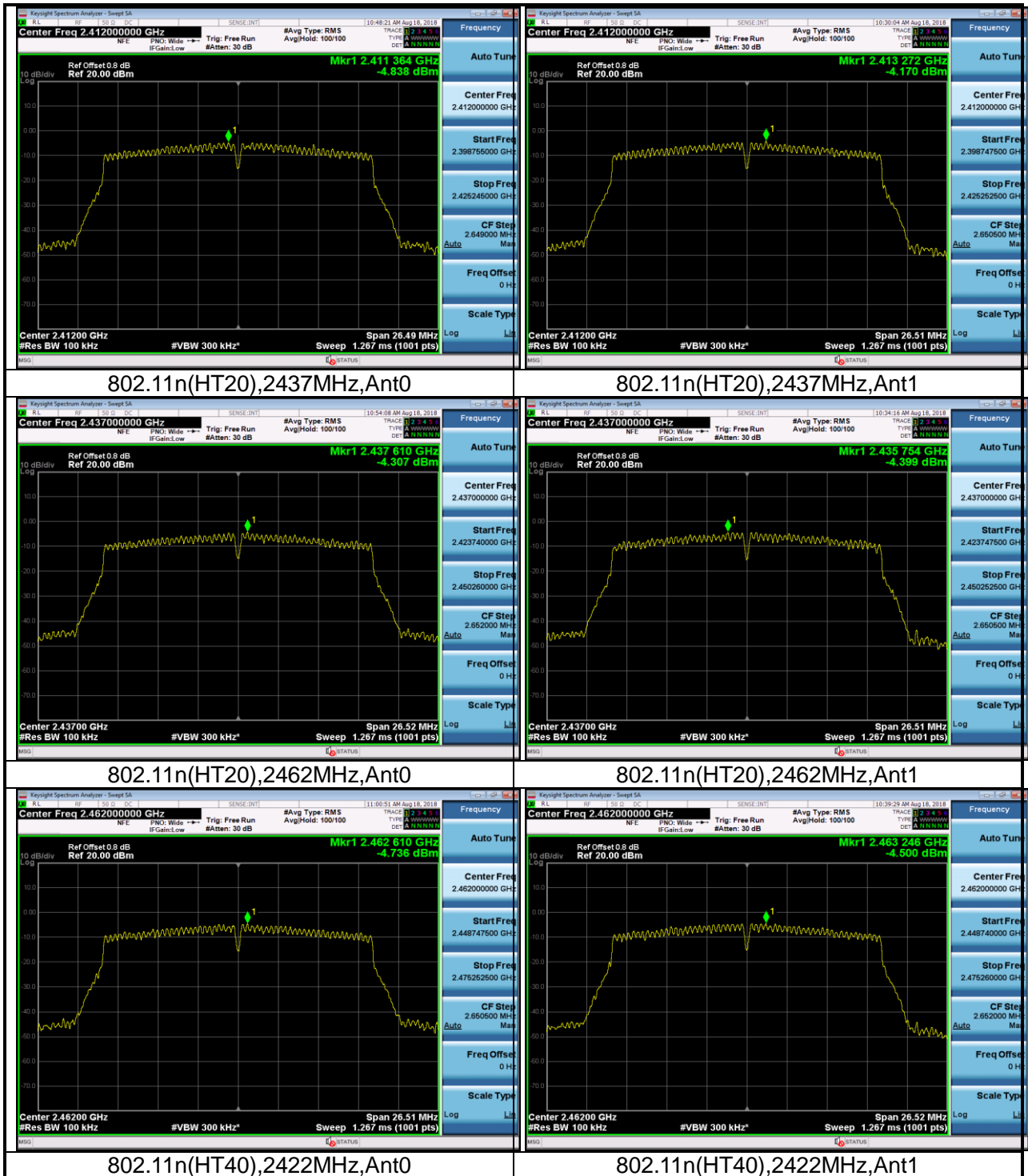
5.2 Test Plots



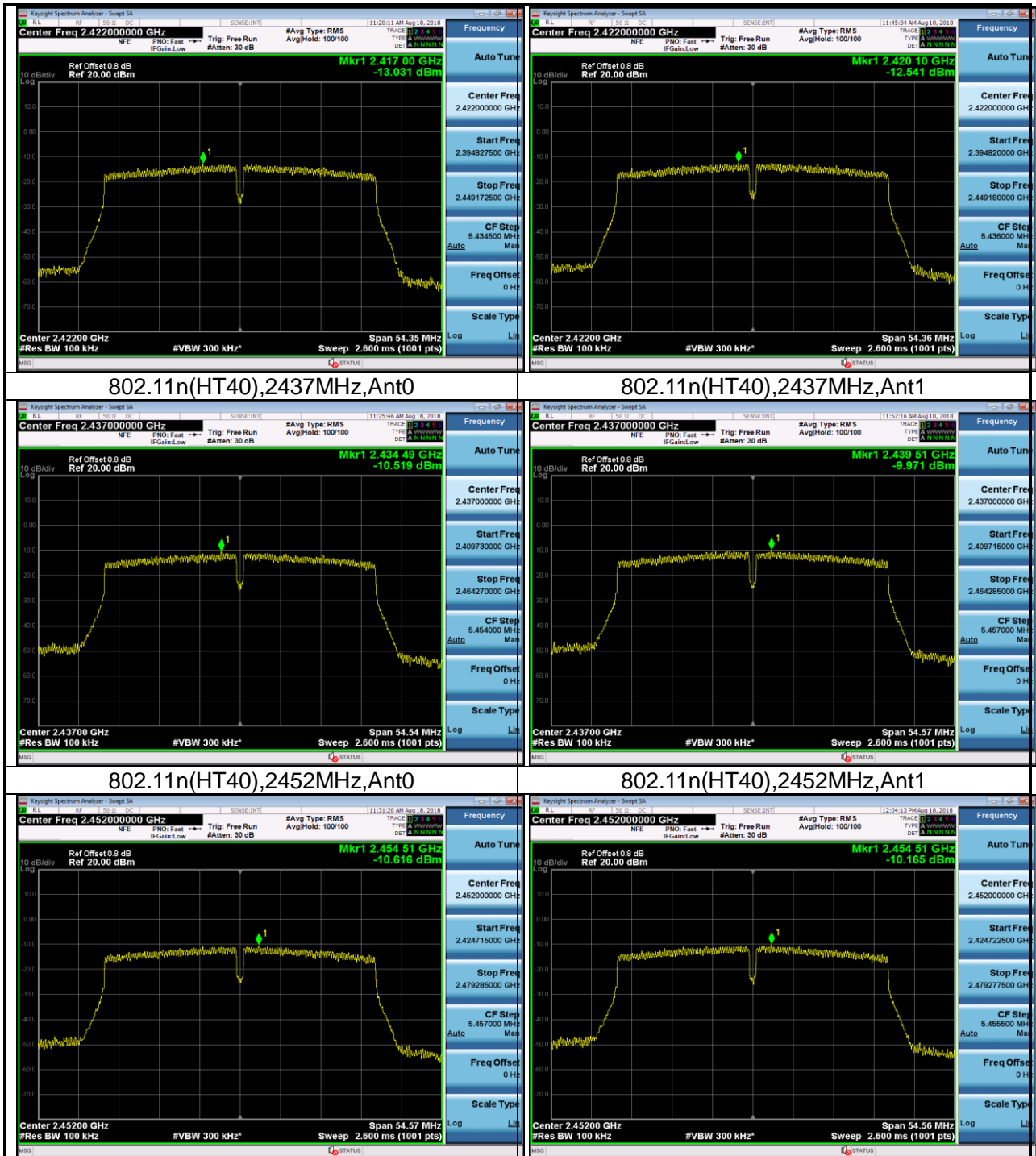
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6. Emission outside the frequency band

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	6.59	Pass
802.11b	2412	Ant0	2	Band Edge	-37.40	Pass
802.11b	2412	Ant0	3	30MHz~2310MHz	-50.74	Pass
802.11b	2412	Ant0	4	2500MHz~5000MHz	-44.13	Pass
802.11b	2412	Ant0	5	5000MHz~25000MHz	-43.37	Pass
802.11b	2412	Ant1	1	Reference Level	7.44	Pass
802.11b	2412	Ant1	2	Band Edge	-35.49	Pass
802.11b	2412	Ant1	3	30MHz~2310MHz	-56.84	Pass
802.11b	2412	Ant1	4	2500MHz~5000MHz	-45.71	Pass
802.11b	2412	Ant1	5	5000MHz~25000MHz	-43.39	Pass
802.11b	2437	Ant0	1	Reference Level	6.65	Pass
802.11b	2437	Ant0	2	Band Edge	-56.66	Pass
802.11b	2437	Ant0	3	30MHz~2310MHz	-57.28	Pass
802.11b	2437	Ant0	4	2500MHz~5000MHz	-45.20	Pass
802.11b	2437	Ant0	5	5000MHz~25000MHz	-43.70	Pass
802.11b	2437	Ant1	1	Reference Level	7.07	Pass
802.11b	2437	Ant1	2	Band Edge	-56.45	Pass
802.11b	2437	Ant1	3	30MHz~2310MHz	-56.65	Pass
802.11b	2437	Ant1	4	2500MHz~5000MHz	-46.94	Pass
802.11b	2437	Ant1	5	5000MHz~25000MHz	-43.85	Pass
802.11b	2462	Ant0	1	Reference Level	6.53	Pass
802.11b	2462	Ant0	2	Band Edge	-56.15	Pass
802.11b	2462	Ant0	3	30MHz~2310MHz	-57.42	Pass
802.11b	2462	Ant0	4	2500MHz~5000MHz	-45.57	Pass
802.11b	2462	Ant0	5	5000MHz~25000MHz	-42.55	Pass
802.11b	2462	Ant1	1	Reference Level	7.08	Pass

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802.11b	2462	Ant1	2	Band Edge	-53.75	Pass
802.11b	2462	Ant1	3	30MHz~2310MHz	-54.04	Pass
802.11b	2462	Ant1	4	2500MHz~5000MHz	-47.80	Pass
802.11b	2462	Ant1	5	5000MHz~25000MHz	-44.33	Pass
802.11g	2412	Ant0	1	Reference Level	4.54	Pass
802.11g	2412	Ant0	2	Band Edge	-30.19	Pass
802.11g	2412	Ant0	3	30MHz~2310MHz	-56.51	Pass
802.11g	2412	Ant0	4	2500MHz~5000MHz	-51.55	Pass
802.11g	2412	Ant0	5	5000MHz~25000MHz	-44.11	Pass
802.11g	2412	Ant1	1	Reference Level	5.11	Pass
802.11g	2412	Ant1	2	Band Edge	-29.75	Pass
802.11g	2412	Ant1	3	30MHz~2310MHz	-53.95	Pass
802.11g	2412	Ant1	4	2500MHz~5000MHz	-52.94	Pass
802.11g	2412	Ant1	5	5000MHz~25000MHz	-43.66	Pass
802.11g	2437	Ant0	1	Reference Level	4.88	Pass
802.11g	2437	Ant0	2	Band Edge	-54.15	Pass
802.11g	2437	Ant0	3	30MHz~2310MHz	-56.36	Pass
802.11g	2437	Ant0	4	2500MHz~5000MHz	-52.62	Pass
802.11g	2437	Ant0	5	5000MHz~25000MHz	-43.45	Pass
802.11g	2437	Ant1	1	Reference Level	5.06	Pass
802.11g	2437	Ant1	2	Band Edge	-54.09	Pass
802.11g	2437	Ant1	3	30MHz~2310MHz	-45.45	Pass
802.11g	2437	Ant1	4	2500MHz~5000MHz	-52.45	Pass
802.11g	2437	Ant1	5	5000MHz~25000MHz	-42.68	Pass
802.11g	2462	Ant0	1	Reference Level	4.83	Pass
802.11g	2462	Ant0	2	Band Edge	-46.96	Pass
802.11g	2462	Ant0	3	30MHz~2310MHz	-57.11	Pass
802.11g	2462	Ant0	4	2500MHz~5000MHz	-53.86	Pass
802.11g	2462	Ant0	5	5000MHz~25000MHz	-43.57	Pass
802.11g	2462	Ant1	1	Reference Level	4.81	Pass
802.11g	2462	Ant1	2	Band Edge	-46.74	Pass
802.11g	2462	Ant1	3	30MHz~2310MHz	-56.66	Pass

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802.11g	2462	Ant1	4	2500MHz~5000MHz	-53.45	Pass
802.11g	2462	Ant1	5	5000MHz~25000MHz	-43.98	Pass
802.11n (HT20)	2412	Ant0	1	Reference Level	4.2	Pass
802.11n (HT20)	2412	Ant0	2	Band Edge	-32.29	Pass
802.11n (HT20)	2412	Ant0	3	30MHz~2310MHz	-55.05	Pass
802.11n (HT20)	2412	Ant0	4	2500MHz~5000MHz	-52.50	Pass
802.11n (HT20)	2412	Ant0	5	5000MHz~25000MHz	-42.27	Pass
802.11n (HT20)	2412	Ant1	1	Reference Level	4.21	Pass
802.11n (HT20)	2412	Ant1	2	Band Edge	-32.25	Pass
802.11n (HT20)	2412	Ant1	3	30MHz~2310MHz	-52.59	Pass
802.11n (HT20)	2412	Ant1	4	2500MHz~5000MHz	-52.87	Pass
802.11n (HT20)	2412	Ant1	5	5000MHz~25000MHz	-43.31	Pass
802.11n (HT20)	2437	Ant0	1	Reference Level	4.18	Pass
802.11n (HT20)	2437	Ant0	2	Band Edge	-52.78	Pass
802.11n (HT20)	2437	Ant0	3	30MHz~2310MHz	-55.13	Pass
802.11n (HT20)	2437	Ant0	4	2500MHz~5000MHz	-52.51	Pass
802.11n (HT20)	2437	Ant0	5	5000MHz~25000MHz	-43.11	Pass
802.11n (HT20)	2437	Ant1	1	Reference Level	4.48	Pass
802.11n (HT20)	2437	Ant1	2	Band Edge	-53.68	Pass
802.11n (HT20)	2437	Ant1	3	30MHz~2310MHz	-55.60	Pass
802.11n (HT20)	2437	Ant1	4	2500MHz~5000MHz	-53.31	Pass
802.11n (HT20)	2437	Ant1	5	5000MHz~25000MHz	-43.01	Pass
802.11n (HT20)	2462	Ant0	1	Reference Level	4.08	Pass
802.11n (HT20)	2462	Ant0	2	Band Edge	-46.72	Pass
802.11n (HT20)	2462	Ant0	3	30MHz~2310MHz	-54.41	Pass
802.11n (HT20)	2462	Ant0	4	2500MHz~5000MHz	-52.69	Pass
802.11n (HT20)	2462	Ant0	5	5000MHz~25000MHz	-42.16	Pass

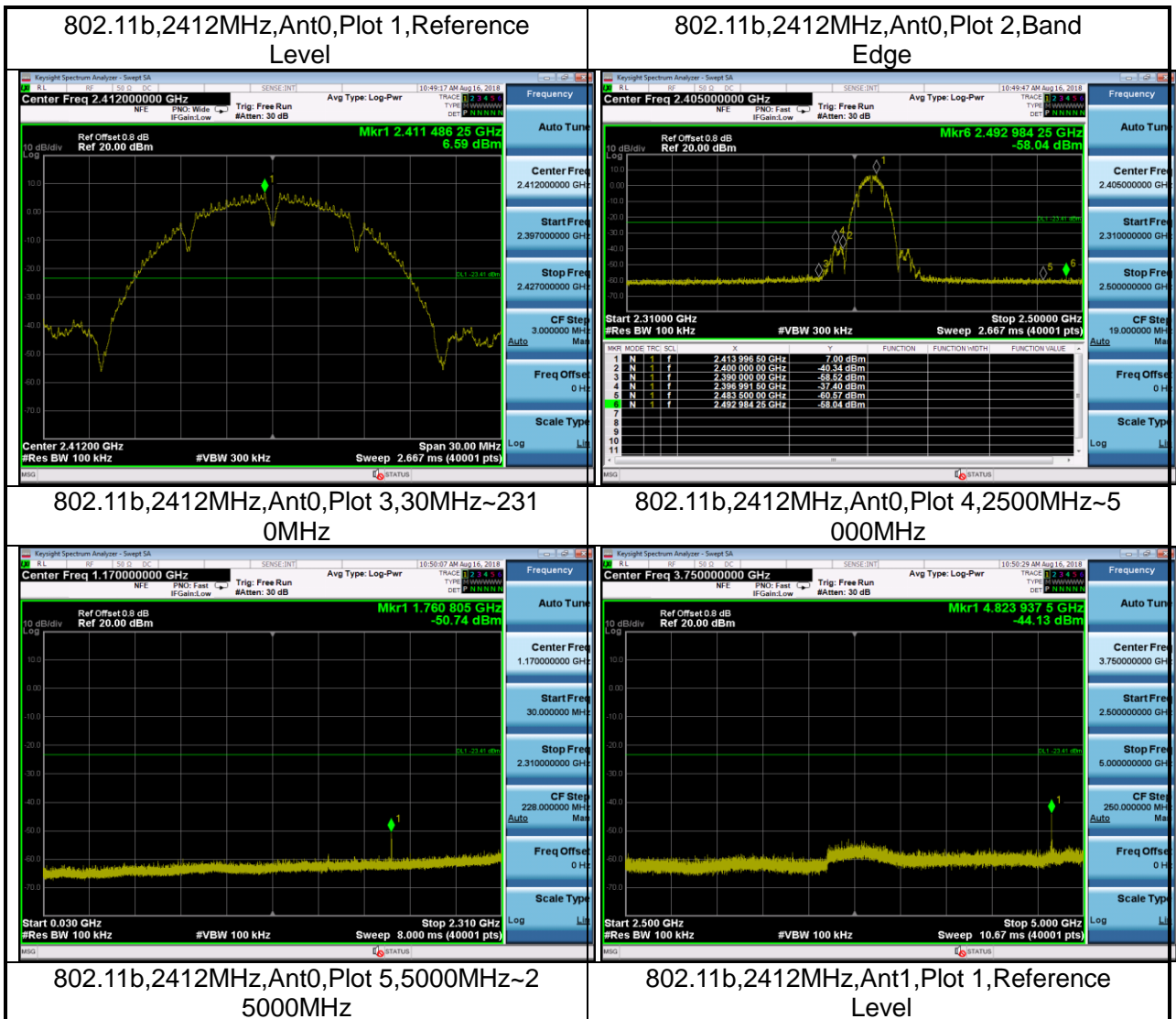
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802.11n (HT20)	2462	Ant1	1	Reference Level	4.48	Pass
802.11n (HT20)	2462	Ant1	2	Band Edge	-48.47	Pass
802.11n (HT20)	2462	Ant1	3	30MHz~2310MHz	-56.64	Pass
802.11n (HT20)	2462	Ant1	4	2500MHz~5000MHz	-52.96	Pass
802.11n (HT20)	2462	Ant1	5	5000MHz~25000MHz	-42.16	Pass
802.11n (HT40)	2422	Ant0	1	Reference Level	-3.53	Pass
802.11n (HT40)	2422	Ant0	2	Band Edge	-39.26	Pass
802.11n (HT40)	2422	Ant0	3	30MHz~2310MHz	-56.85	Pass
802.11n (HT40)	2422	Ant0	4	2500MHz~5000MHz	-52.05	Pass
802.11n (HT40)	2422	Ant0	5	5000MHz~25000MHz	-42.88	Pass
802.11n (HT40)	2422	Ant1	1	Reference Level	-3.11	Pass
802.11n (HT40)	2422	Ant1	2	Band Edge	-39.49	Pass
802.11n (HT40)	2422	Ant1	3	30MHz~2310MHz	-56.20	Pass
802.11n (HT40)	2422	Ant1	4	2500MHz~5000MHz	-53.08	Pass
802.11n (HT40)	2422	Ant1	5	5000MHz~25000MHz	-43.27	Pass
802.11n (HT40)	2437	Ant0	1	Reference Level	-1.4	Pass
802.11n (HT40)	2437	Ant0	2	Band Edge	-39.79	Pass
802.11n (HT40)	2437	Ant0	3	30MHz~2310MHz	-55.91	Pass
802.11n (HT40)	2437	Ant0	4	2500MHz~5000MHz	-52.43	Pass
802.11n (HT40)	2437	Ant0	5	5000MHz~25000MHz	-43.08	Pass
802.11n (HT40)	2437	Ant1	1	Reference Level	-0.92	Pass
802.11n (HT40)	2437	Ant1	2	Band Edge	-39.72	Pass
802.11n (HT40)	2437	Ant1	3	30MHz~2310MHz	-56.17	Pass
802.11n (HT40)	2437	Ant1	4	2500MHz~5000MHz	-52.12	Pass
802.11n (HT40)	2437	Ant1	5	5000MHz~25000MHz	-42.93	Pass
802.11n (HT40)	2452	Ant0	1	Reference Level	-1.34	Pass
802.11n (HT40)	2452	Ant0	2	Band Edge	-39.10	Pass

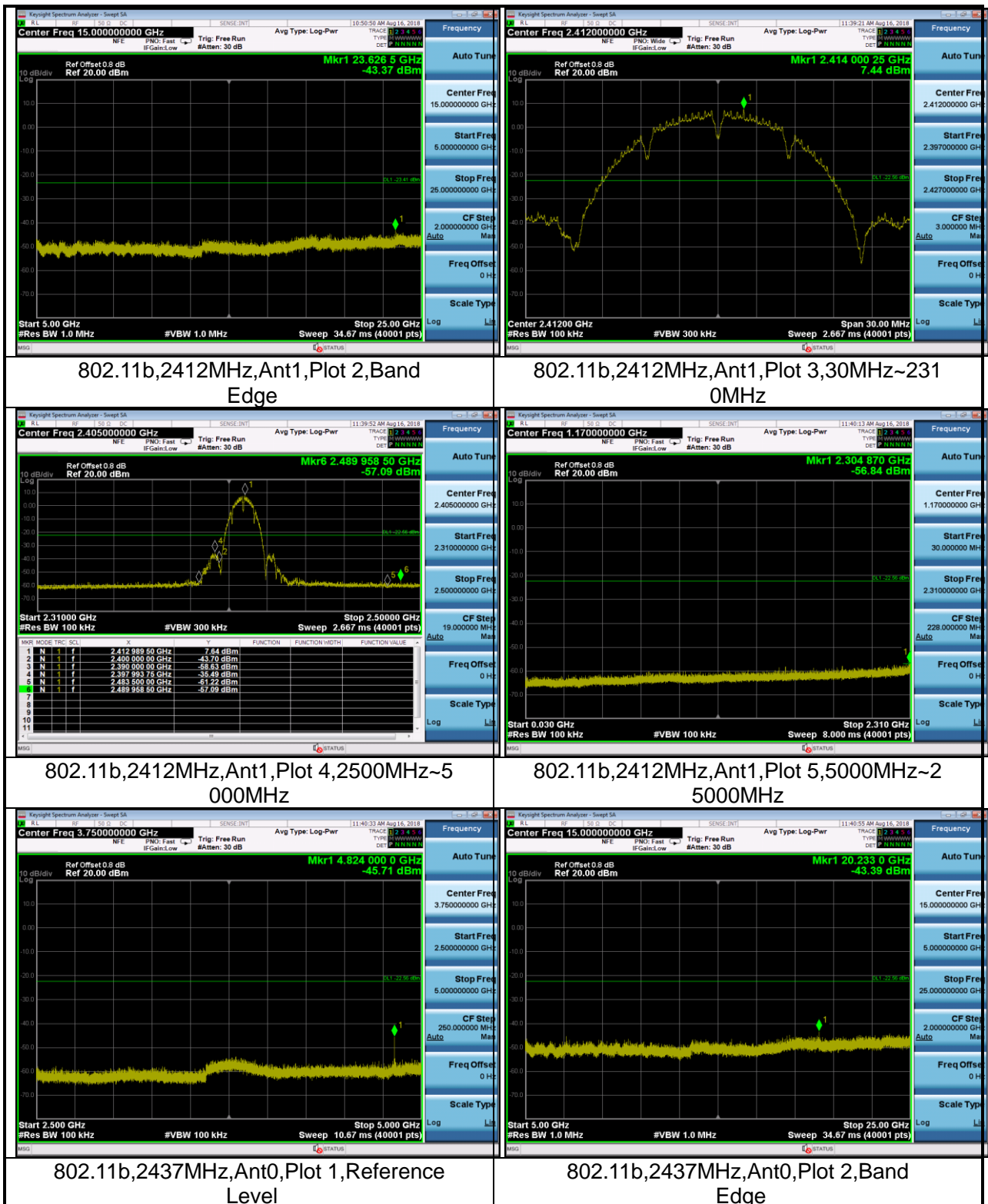
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802.11n (HT40)	2452	Ant0	3	30MHz~2310MHz	-57.02	Pass
802.11n (HT40)	2452	Ant0	4	2500MHz~5000MHz	-52.78	Pass
802.11n (HT40)	2452	Ant0	5	5000MHz~25000MHz	-43.53	Pass
802.11n (HT40)	2452	Ant1	1	Reference Level	-1.21	Pass
802.11n (HT40)	2452	Ant1	2	Band Edge	-37.37	Pass
802.11n (HT40)	2452	Ant1	3	30MHz~2310MHz	-56.66	Pass
802.11n (HT40)	2452	Ant1	4	2500MHz~5000MHz	-48.71	Pass
802.11n (HT40)	2452	Ant1	5	5000MHz~25000MHz	-42.84	Pass

9.2 Test Plots



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