

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	6.13	Pass
802.11b	2412	Ant0	2	Band Edge	-49.43	Pass
802.11b	2412	Ant0	3	30MHz~2310MHz	-56.50	Pass
802.11b	2412	Ant0	4	2500MHz~5000MHz	-48.29	Pass
802.11b	2412	Ant0	5	5000MHz~25000MHz	-44.03	Pass
802.11b	2412	Ant1	1	Reference Level	5.82	Pass
802.11b	2412	Ant1	2	Band Edge	-46.74	Pass
802.11b	2412	Ant1	3	30MHz~2310MHz	-56.55	Pass
802.11b	2412	Ant1	4	2500MHz~5000MHz	-50.38	Pass
802.11b	2412	Ant1	5	5000MHz~25000MHz	-44.79	Pass
802.11b	2437	Ant0	1	Reference Level	7.27	Pass
802.11b	2437	Ant0	2	Band Edge	-52.08	Pass
802.11b	2437	Ant0	3	30MHz~2310MHz	-56.48	Pass
802.11b	2437	Ant0	4	2500MHz~5000MHz	-48.02	Pass
802.11b	2437	Ant0	5	5000MHz~25000MHz	-44.01	Pass
802.11b	2437	Ant1	1	Reference Level	7.23	Pass
802.11b	2437	Ant1	2	Band Edge	-50.24	Pass
802.11b	2437	Ant1	3	30MHz~2310MHz	-57.29	Pass
802.11b	2437	Ant1	4	2500MHz~5000MHz	-48.85	Pass
802.11b	2437	Ant1	5	5000MHz~25000MHz	-44.15	Pass
802.11b	2462	Ant0	1	Reference Level	6.67	Pass
802.11b	2462	Ant0	2	Band Edge	-50.20	Pass
802.11b	2462	Ant0	3	30MHz~2310MHz	-57.36	Pass
802.11b	2462	Ant0	4	2500MHz~5000MHz	-48.14	Pass
802.11b	2462	Ant0	5	5000MHz~25000MHz	-44.54	Pass
802.11b	2462	Ant1	1	Reference Level	6.86	Pass
802.11b	2462	Ant1	2	Band Edge	-49.94	Pass

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802.11b	2462	Ant1	3	30MHz~2310MHz	-56.63	Pass
802.11b	2462	Ant1	4	2500MHz~5000MHz	-47.83	Pass
802.11b	2462	Ant1	5	5000MHz~25000MHz	-43.84	Pass
802.11g	2412	Ant0	1	Reference Level	3.26	Pass
802.11g	2412	Ant0	2	Band Edge	-35.56	Pass
802.11g	2412	Ant0	3	30MHz~2310MHz	-56.35	Pass
802.11g	2412	Ant0	4	2500MHz~5000MHz	-53.57	Pass
802.11g	2412	Ant0	5	5000MHz~25000MHz	-44.02	Pass
802.11g	2412	Ant1	1	Reference Level	2.08	Pass
802.11g	2412	Ant1	2	Band Edge	-34.96	Pass
802.11g	2412	Ant1	3	30MHz~2310MHz	-57.17	Pass
802.11g	2412	Ant1	4	2500MHz~5000MHz	-53.62	Pass
802.11g	2412	Ant1	5	5000MHz~25000MHz	-44.22	Pass
802.11g	2437	Ant0	1	Reference Level	4.15	Pass
802.11g	2437	Ant0	2	Band Edge	-52.11	Pass
802.11g	2437	Ant0	3	30MHz~2310MHz	-56.71	Pass
802.11g	2437	Ant0	4	2500MHz~5000MHz	-53.51	Pass
802.11g	2437	Ant0	5	5000MHz~25000MHz	-44.04	Pass
802.11g	2437	Ant1	1	Reference Level	4.30	Pass
802.11g	2437	Ant1	2	Band Edge	-50.66	Pass
802.11g	2437	Ant1	3	30MHz~2310MHz	-56.50	Pass
802.11g	2437	Ant1	4	2500MHz~5000MHz	-54.11	Pass
802.11g	2437	Ant1	5	5000MHz~25000MHz	-44.45	Pass
802.11g	2462	Ant0	1	Reference Level	3.48	Pass
802.11g	2462	Ant0	2	Band Edge	-51.08	Pass
802.11g	2462	Ant0	3	30MHz~2310MHz	-56.78	Pass
802.11g	2462	Ant0	4	2500MHz~5000MHz	-53.21	Pass
802.11g	2462	Ant0	5	5000MHz~25000MHz	-43.78	Pass
802.11g	2462	Ant1	1	Reference Level	3.91	Pass
802.11g	2462	Ant1	2	Band Edge	-48.69	Pass
802.11g	2462	Ant1	3	30MHz~2310MHz	-57.07	Pass
802.11g	2462	Ant1	4	2500MHz~5000MHz	-51.46	Pass

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802.11g	2462	Ant1	5	5000MHz~25000MHz	-43.55	Pass
802.11n (HT20)	2412	Ant0	1	Reference Level	3.36	Pass
802.11n (HT20)	2412	Ant0	2	Band Edge	-35.66	Pass
802.11n (HT20)	2412	Ant0	3	30MHz~2310MHz	-56.81	Pass
802.11n (HT20)	2412	Ant0	4	2500MHz~5000MHz	-54.08	Pass
802.11n (HT20)	2412	Ant0	5	5000MHz~25000MHz	-43.80	Pass
802.11n (HT20)	2412	Ant1	1	Reference Level	2.76	Pass
802.11n (HT20)	2412	Ant1	2	Band Edge	-35.60	Pass
802.11n (HT20)	2412	Ant1	3	30MHz~2310MHz	-56.79	Pass
802.11n (HT20)	2412	Ant1	4	2500MHz~5000MHz	-54.36	Pass
802.11n (HT20)	2412	Ant1	5	5000MHz~25000MHz	-43.40	Pass
802.11n (HT20)	2437	Ant0	1	Reference Level	3.99	Pass
802.11n (HT20)	2437	Ant0	2	Band Edge	-51.47	Pass
802.11n (HT20)	2437	Ant0	3	30MHz~2310MHz	-57.34	Pass
802.11n (HT20)	2437	Ant0	4	2500MHz~5000MHz	-54.25	Pass
802.11n (HT20)	2437	Ant0	5	5000MHz~25000MHz	-42.89	Pass
802.11n (HT20)	2437	Ant1	1	Reference Level	4.33	Pass
802.11n (HT20)	2437	Ant1	2	Band Edge	-51.60	Pass
802.11n (HT20)	2437	Ant1	3	30MHz~2310MHz	-56.59	Pass
802.11n (HT20)	2437	Ant1	4	2500MHz~5000MHz	-54.24	Pass
802.11n (HT20)	2437	Ant1	5	5000MHz~25000MHz	-44.60	Pass
802.11n (HT20)	2462	Ant0	1	Reference Level	3.43	Pass
802.11n (HT20)	2462	Ant0	2	Band Edge	-50.03	Pass
802.11n (HT20)	2462	Ant0	3	30MHz~2310MHz	-57.10	Pass
802.11n (HT20)	2462	Ant0	4	2500MHz~5000MHz	-53.63	Pass
802.11n (HT20)	2462	Ant0	5	5000MHz~25000MHz	-44.22	Pass
802.11n (HT20)	2462	Ant1	1	Reference Level	3.72	Pass

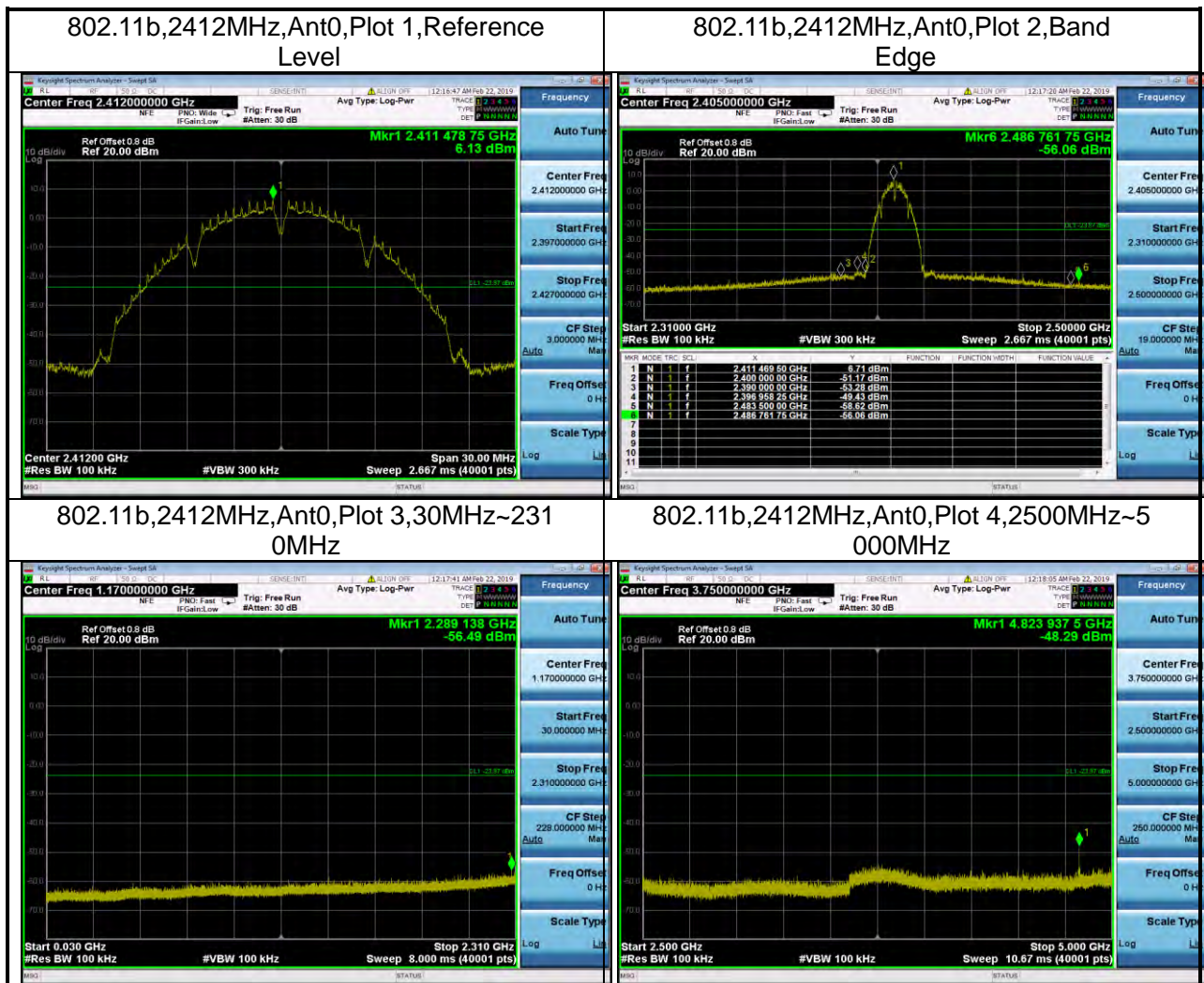
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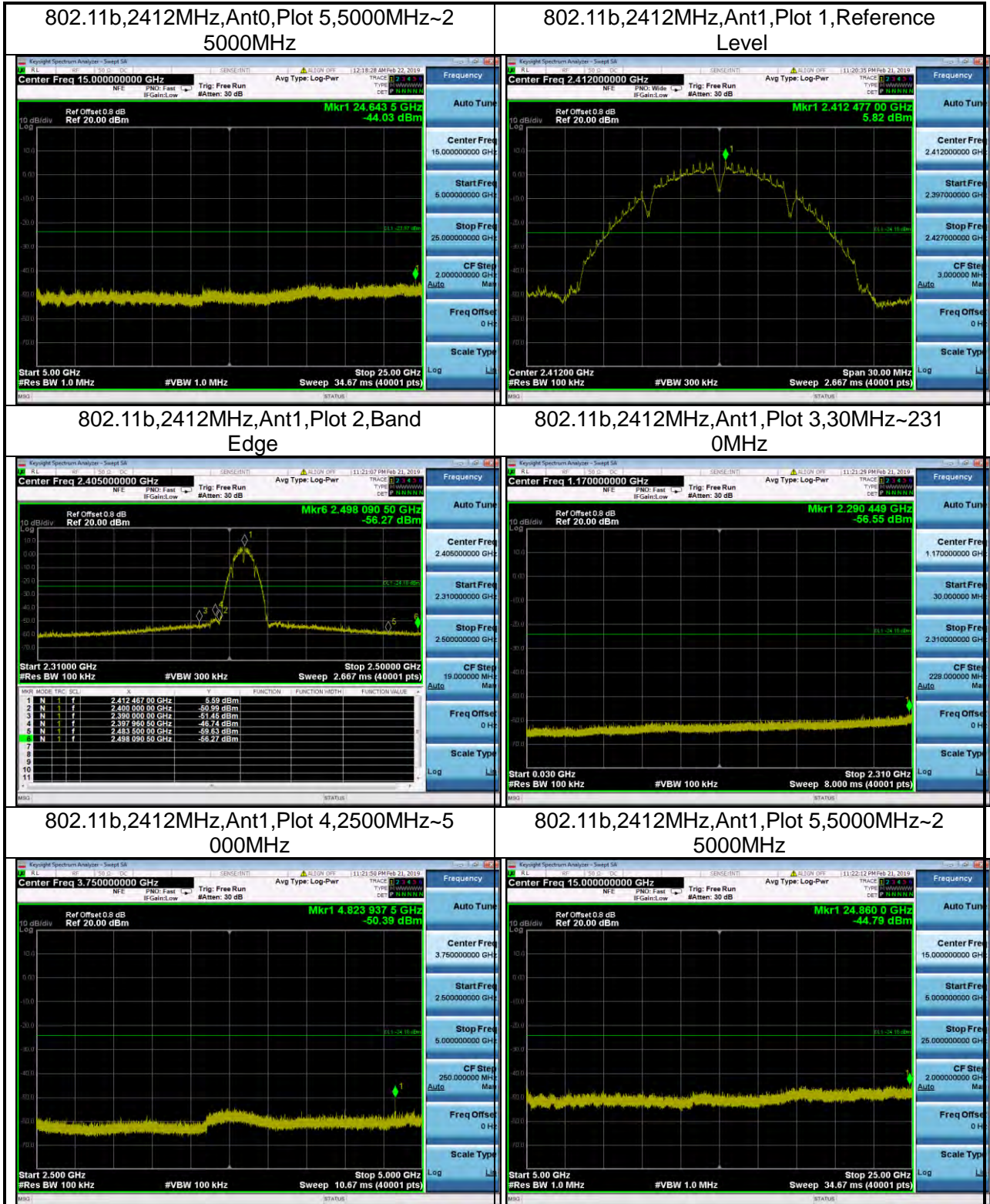
802.11n (HT20)	2462	Ant1	2	Band Edge	-48.45	Pass
802.11n (HT20)	2462	Ant1	3	30MHz~2310MHz	-55.91	Pass
802.11n (HT20)	2462	Ant1	4	2500MHz~5000MHz	-51.16	Pass
802.11n (HT20)	2462	Ant1	5	5000MHz~25000MHz	-43.86	Pass
802.11n (HT40)	2422	Ant0	1	Reference Level	-1.37	Pass
802.11n (HT40)	2422	Ant0	2	Band Edge	-37.33	Pass
802.11n (HT40)	2422	Ant0	3	30MHz~2310MHz	-53.82	Pass
802.11n (HT40)	2422	Ant0	4	2500MHz~5000MHz	-53.45	Pass
802.11n (HT40)	2422	Ant0	5	5000MHz~25000MHz	-44.28	Pass
802.11n (HT40)	2422	Ant1	1	Reference Level	-1.64	Pass
802.11n (HT40)	2422	Ant1	2	Band Edge	-38.04	Pass
802.11n (HT40)	2422	Ant1	3	30MHz~2310MHz	-54.88	Pass
802.11n (HT40)	2422	Ant1	4	2500MHz~5000MHz	-53.39	Pass
802.11n (HT40)	2422	Ant1	5	5000MHz~25000MHz	-44.08	Pass
802.11n (HT40)	2437	Ant0	1	Reference Level	-0.88	Pass
802.11n (HT40)	2437	Ant0	2	Band Edge	-46.91	Pass
802.11n (HT40)	2437	Ant0	3	30MHz~2310MHz	-54.52	Pass
802.11n (HT40)	2437	Ant0	4	2500MHz~5000MHz	-51.13	Pass
802.11n (HT40)	2437	Ant0	5	5000MHz~25000MHz	-44.63	Pass
802.11n (HT40)	2437	Ant1	1	Reference Level	-0.96	Pass
802.11n (HT40)	2437	Ant1	2	Band Edge	-44.83	Pass
802.11n (HT40)	2437	Ant1	3	30MHz~2310MHz	-52.95	Pass
802.11n (HT40)	2437	Ant1	4	2500MHz~5000MHz	-52.90	Pass
802.11n (HT40)	2437	Ant1	5	5000MHz~25000MHz	-44.18	Pass
802.11n (HT40)	2452	Ant0	1	Reference Level	-1.16	Pass
802.11n (HT40)	2452	Ant0	2	Band Edge	-45.41	Pass
802.11n (HT40)	2452	Ant0	3	30MHz~2310MHz	-54.77	Pass

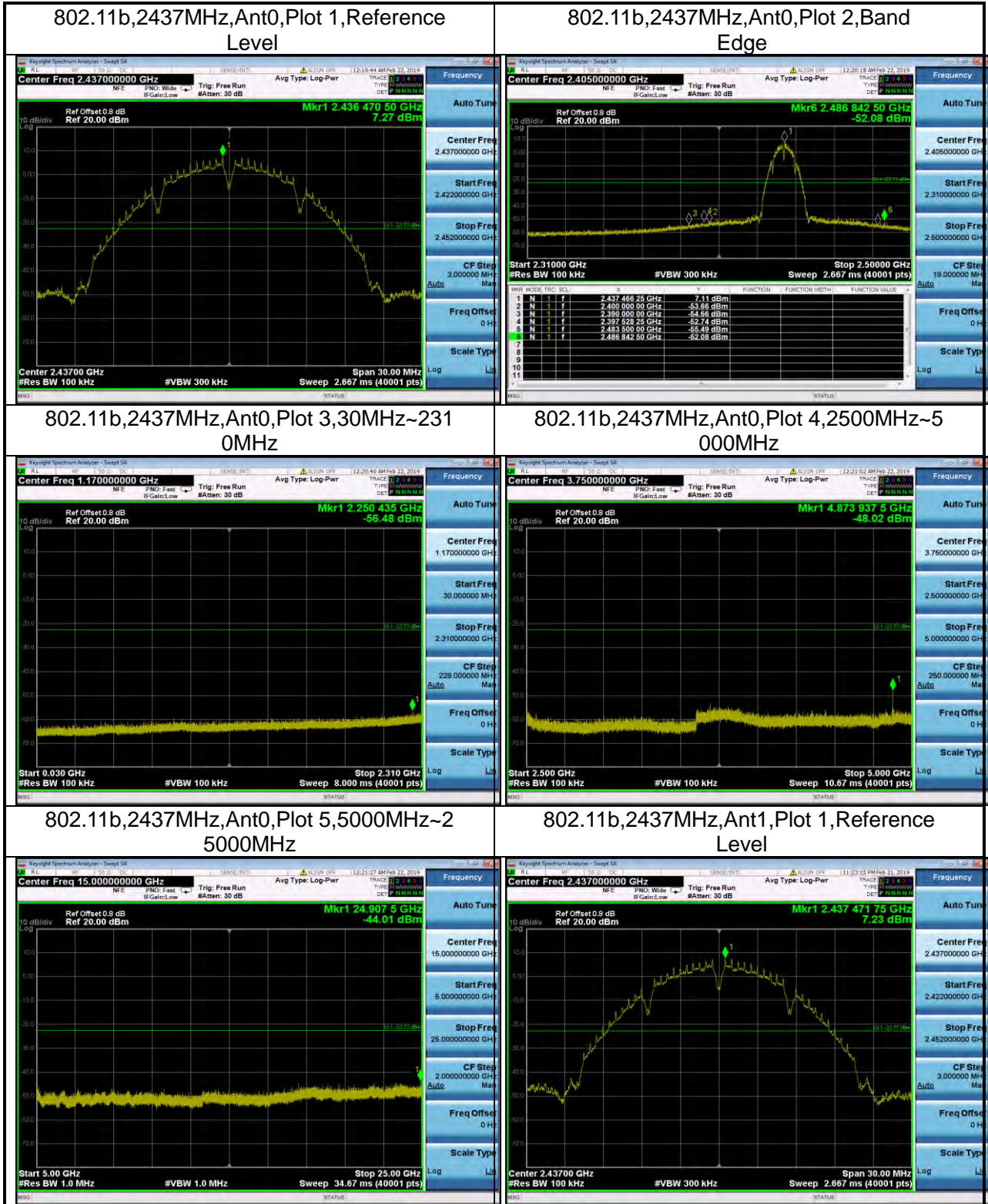
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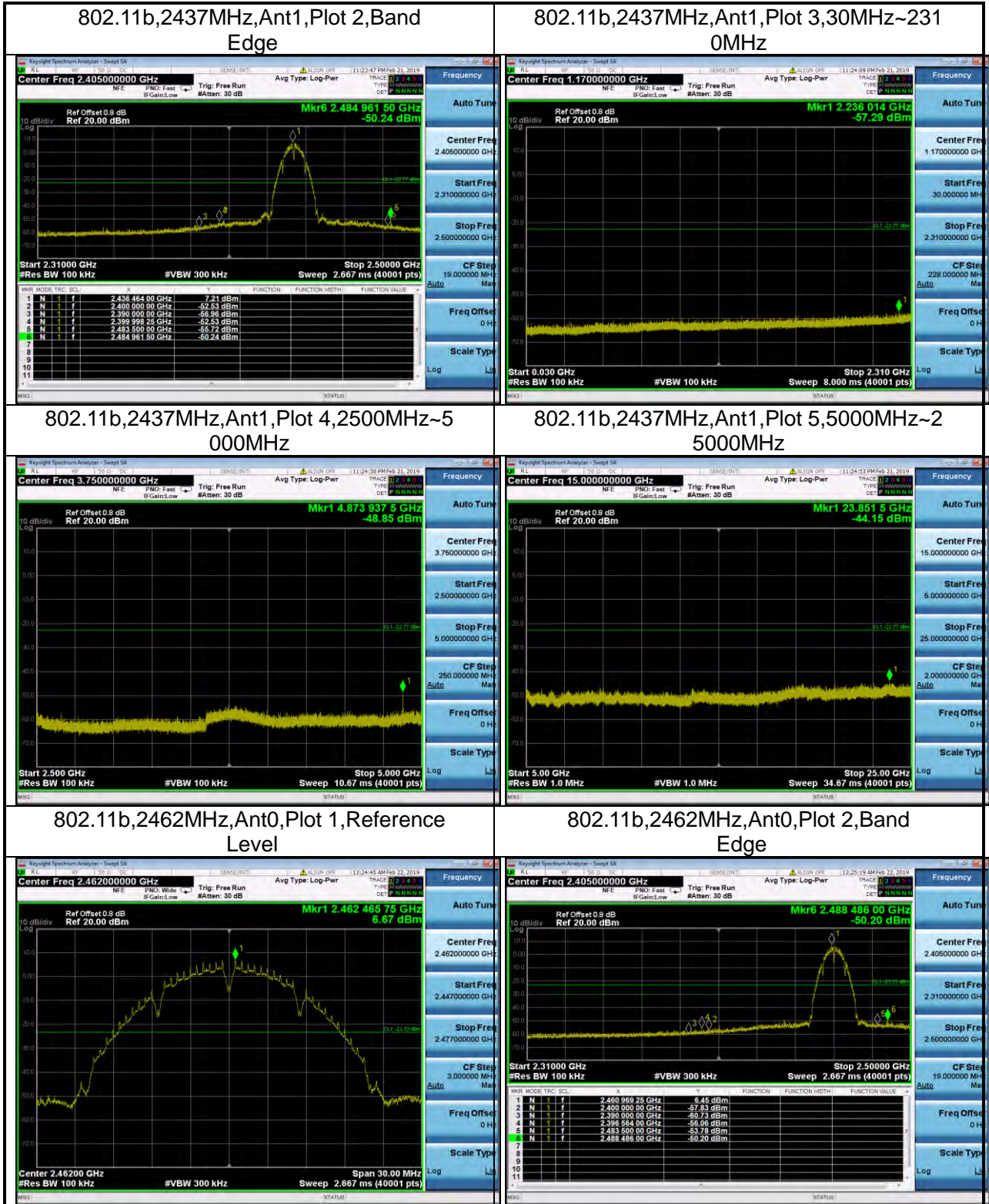
802.11n (HT40)	2452	Ant0	4	2500MHz~5000MHz	-49.68	Pass
802.11n (HT40)	2452	Ant0	5	5000MHz~25000MHz	-44.51	Pass
802.11n (HT40)	2452	Ant1	1	Reference Level	-1.00	Pass
802.11n (HT40)	2452	Ant1	2	Band Edge	-44.19	Pass
802.11n (HT40)	2452	Ant1	3	30MHz~2310MHz	-53.99	Pass
802.11n (HT40)	2452	Ant1	4	2500MHz~5000MHz	-43.96	Pass
802.11n (HT40)	2452	Ant1	5	5000MHz~25000MHz	-44.13	Pass

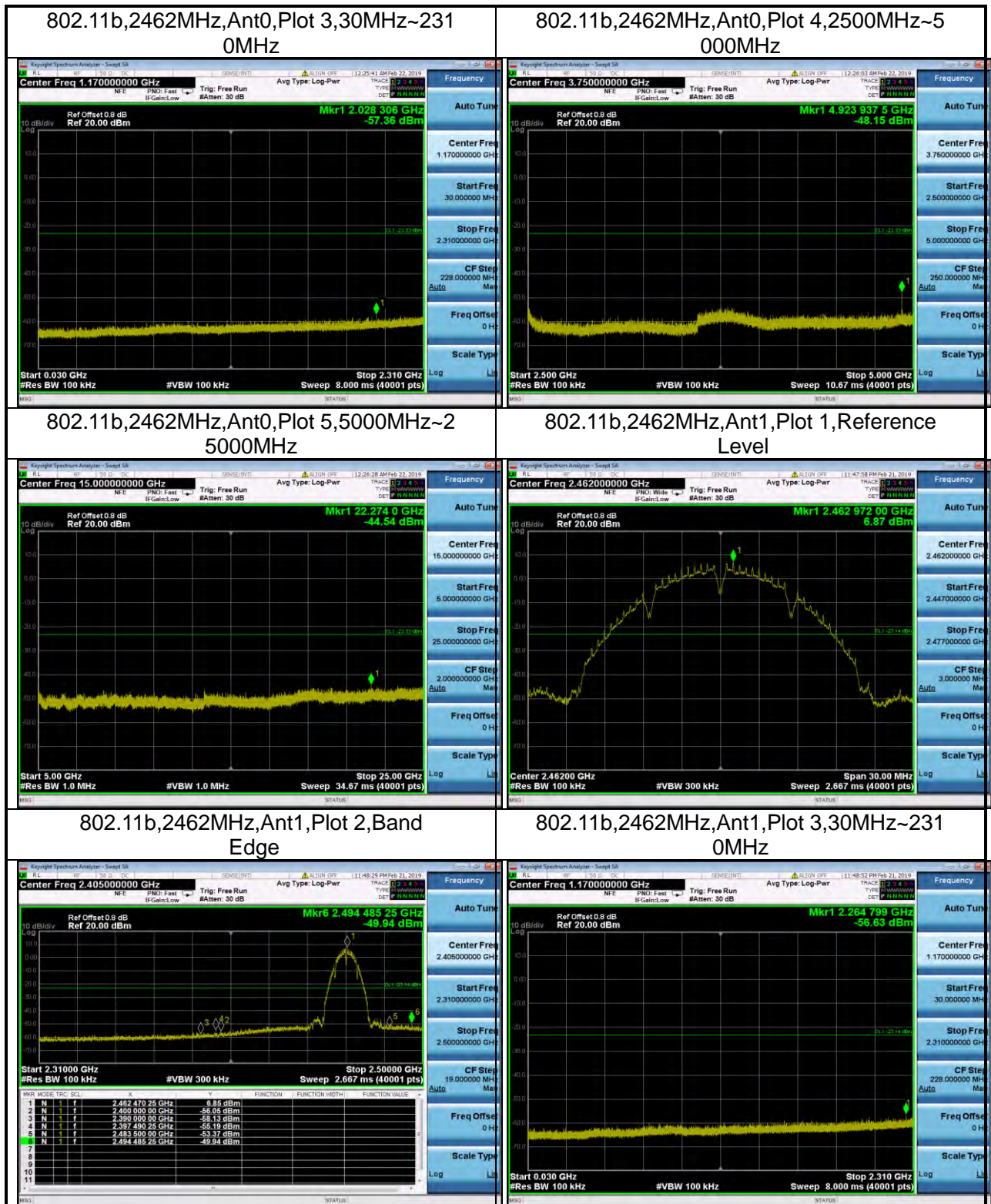
9.2 Test Plots

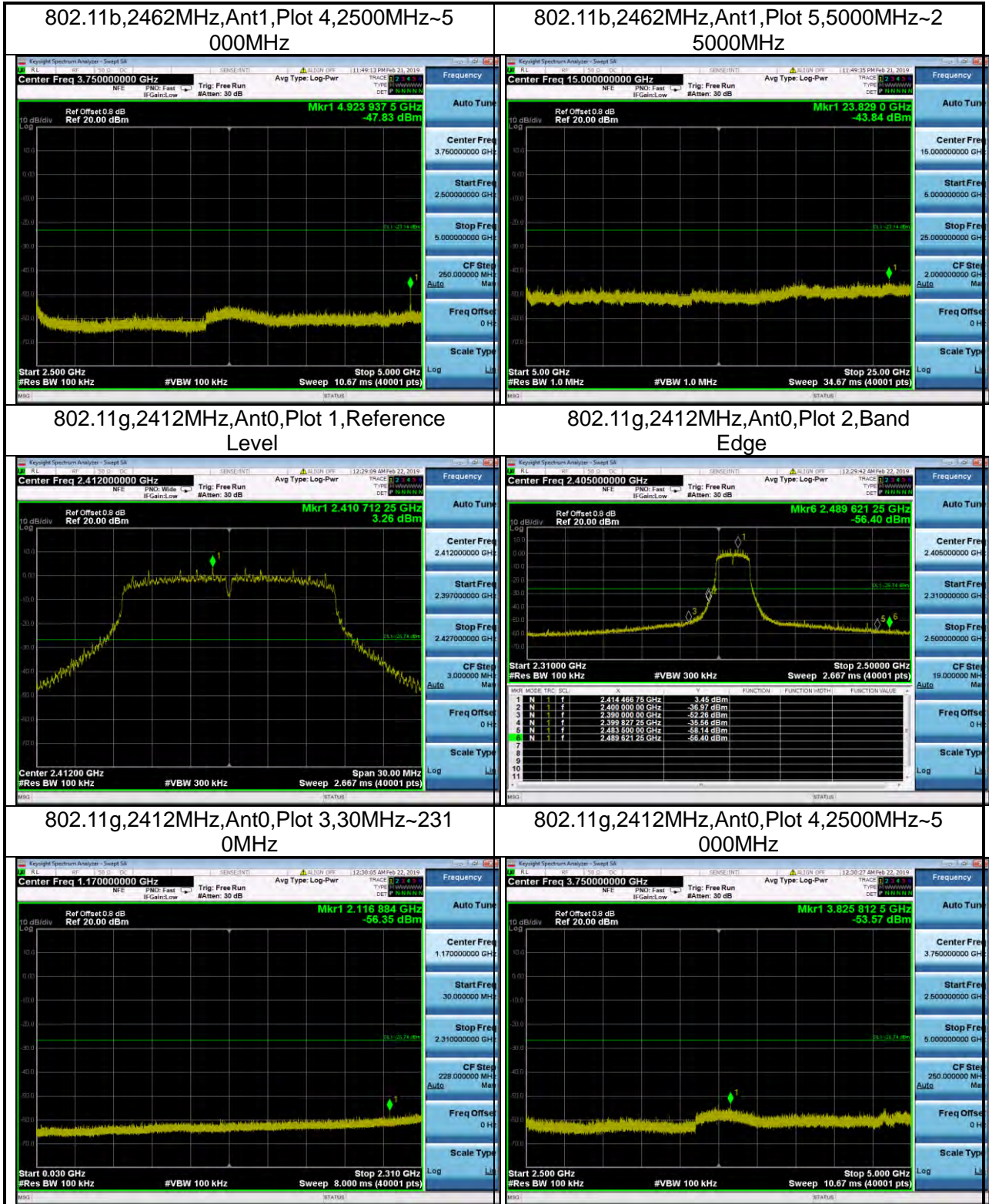


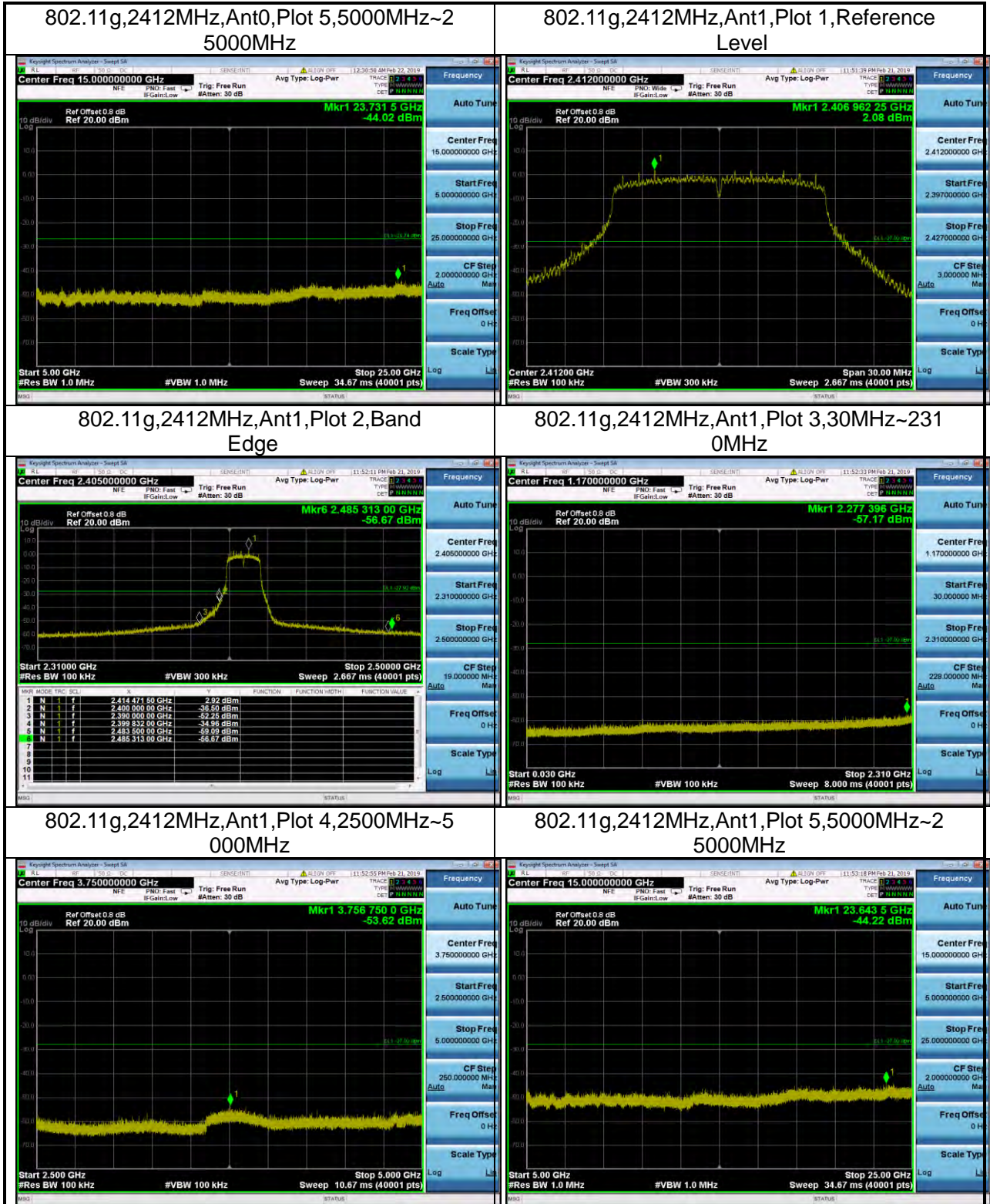


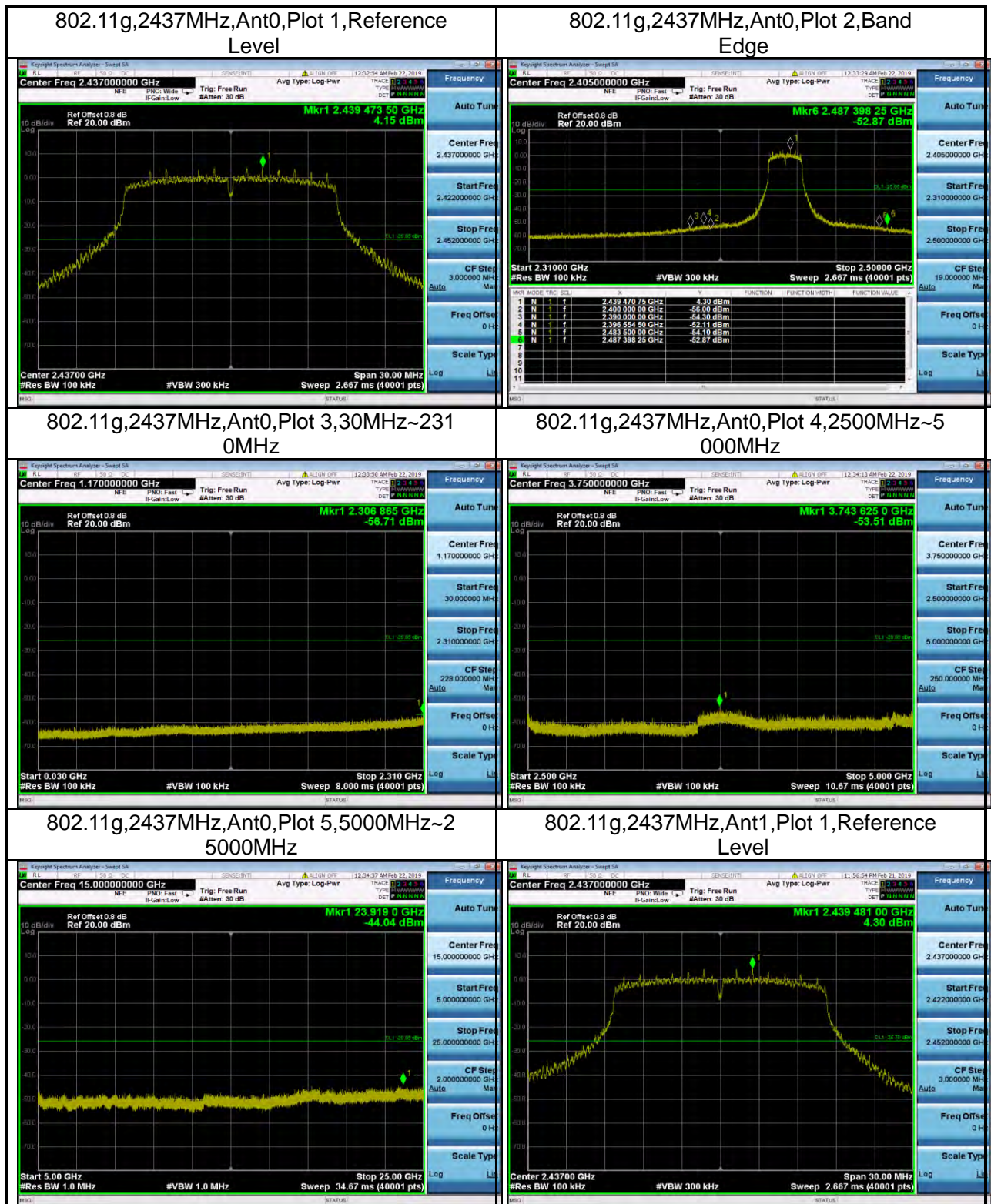


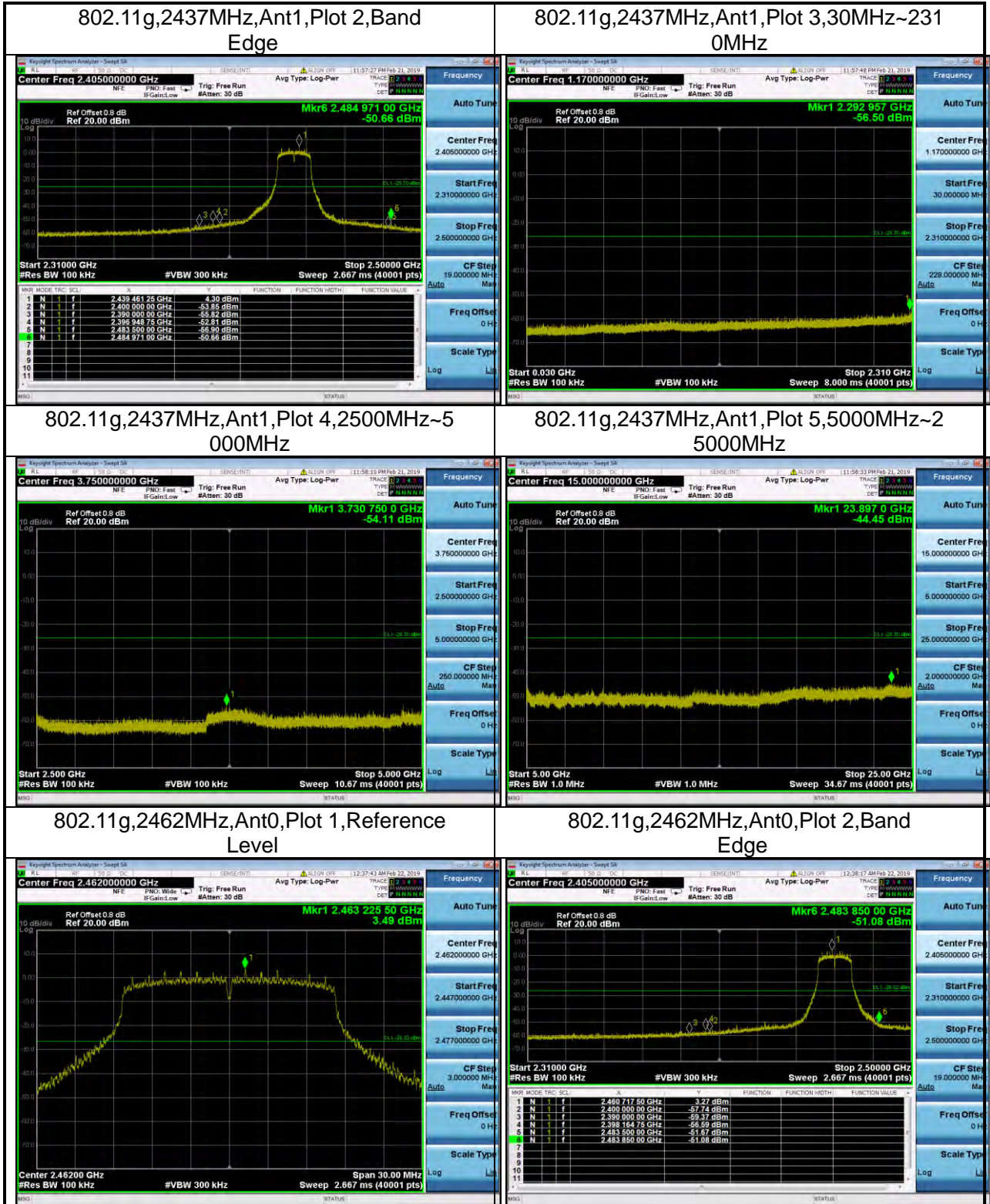


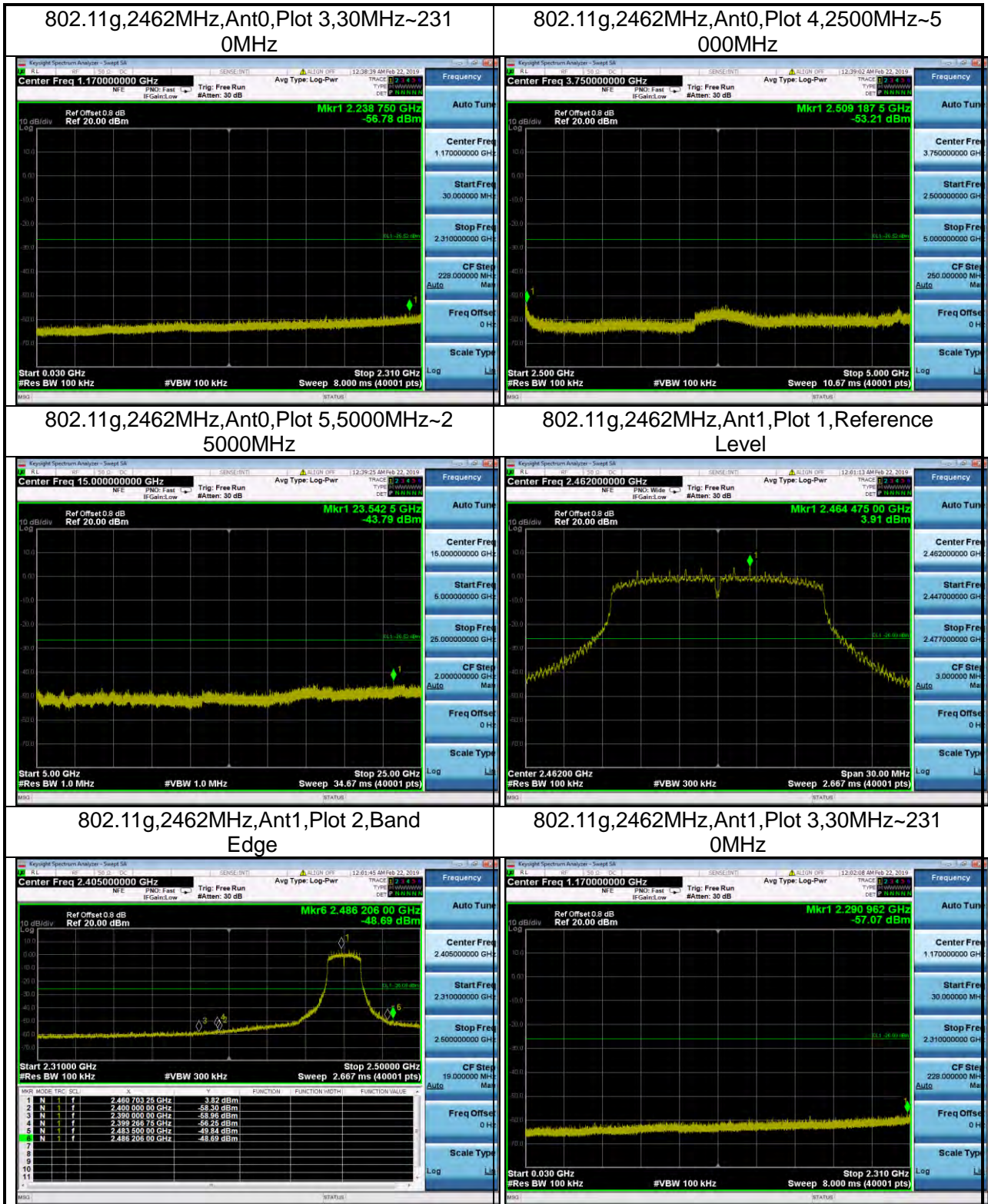


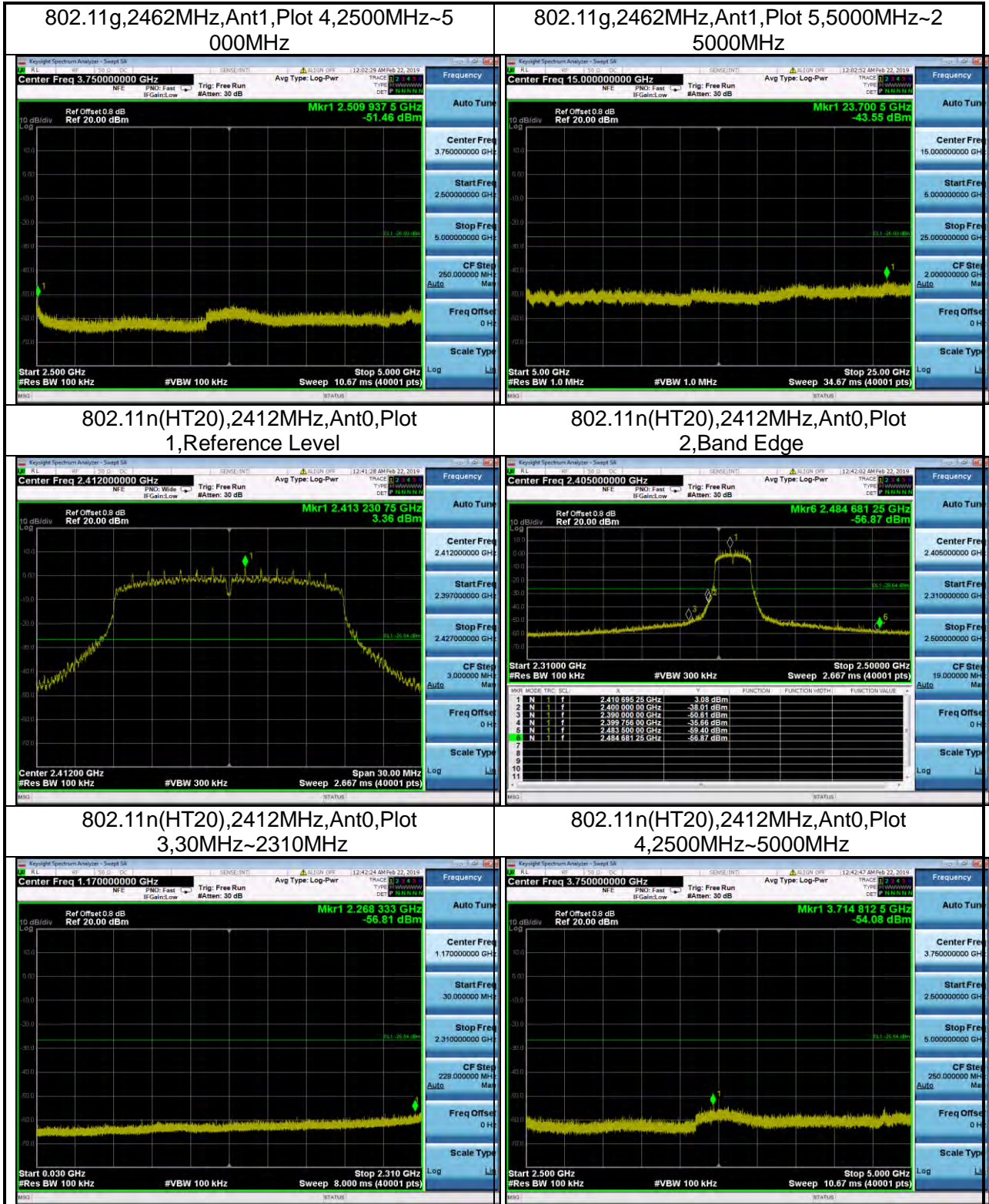


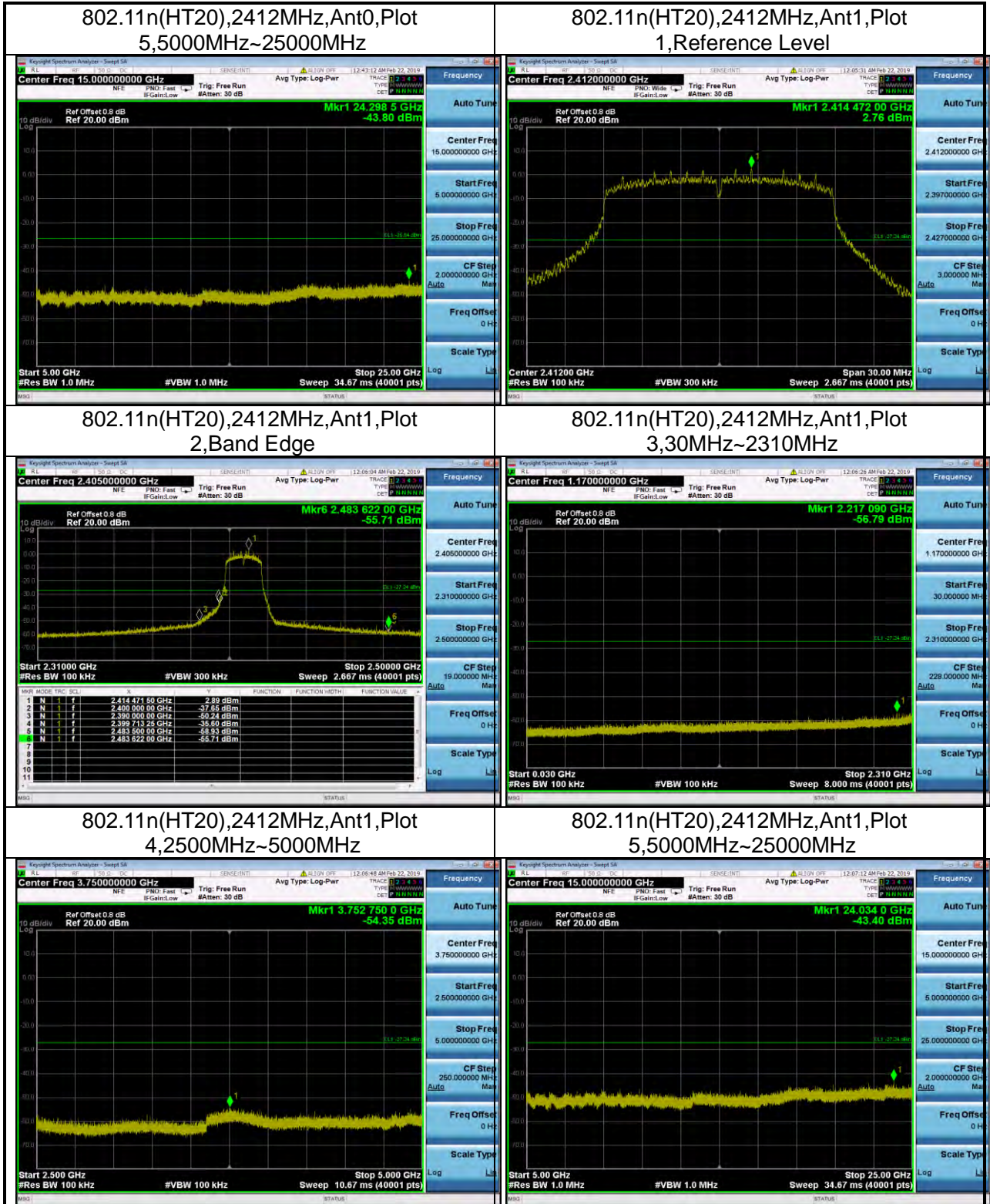


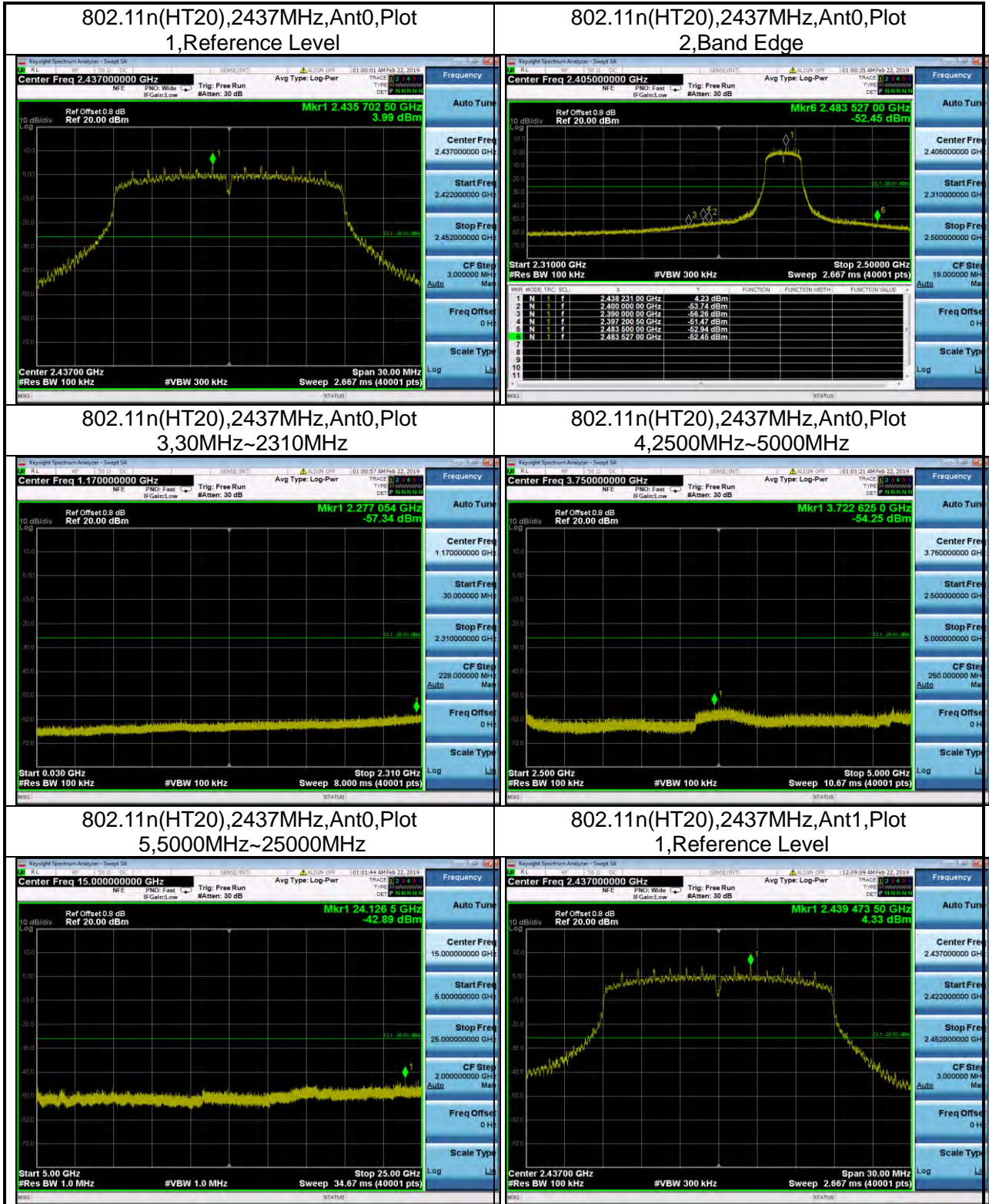


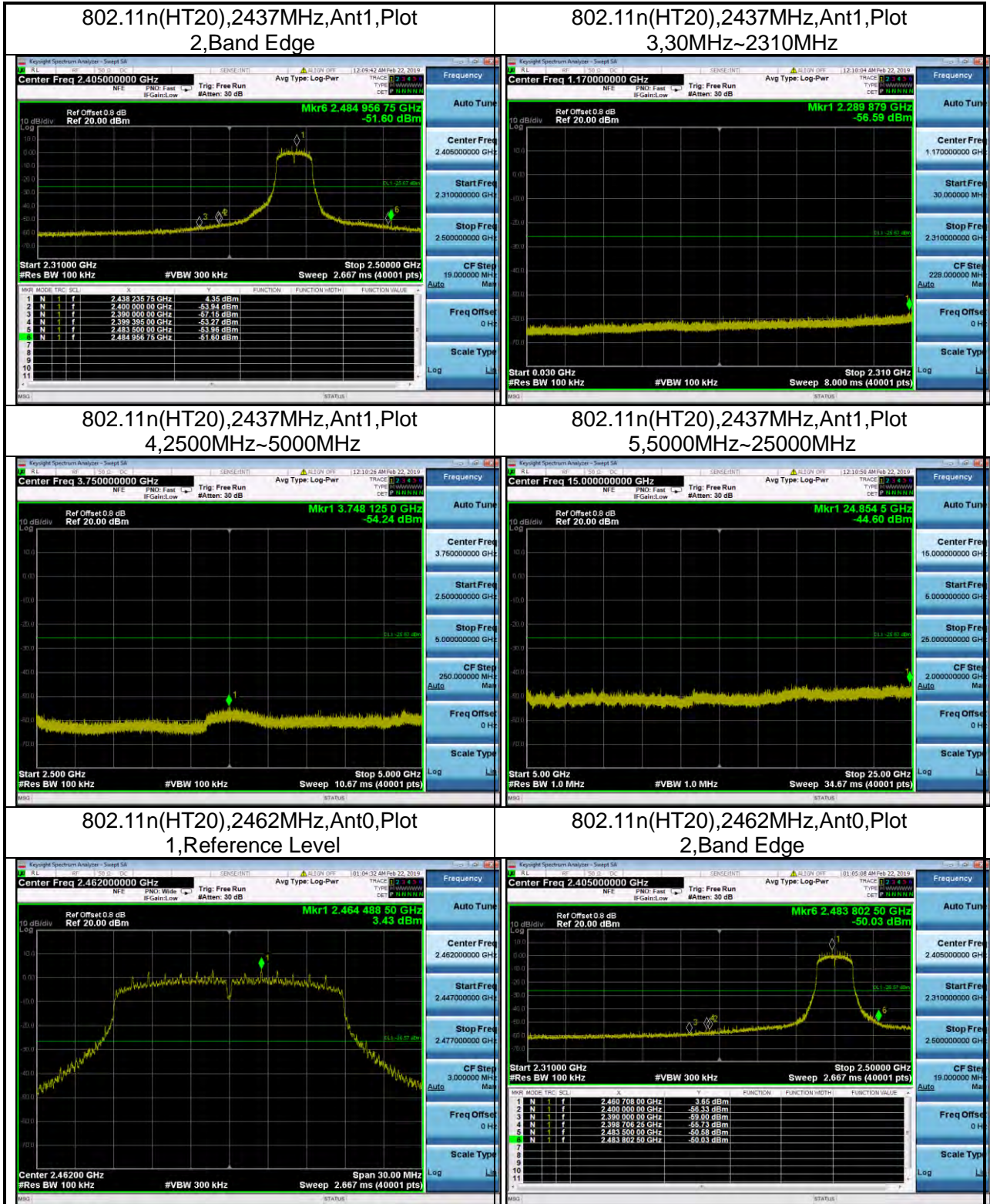


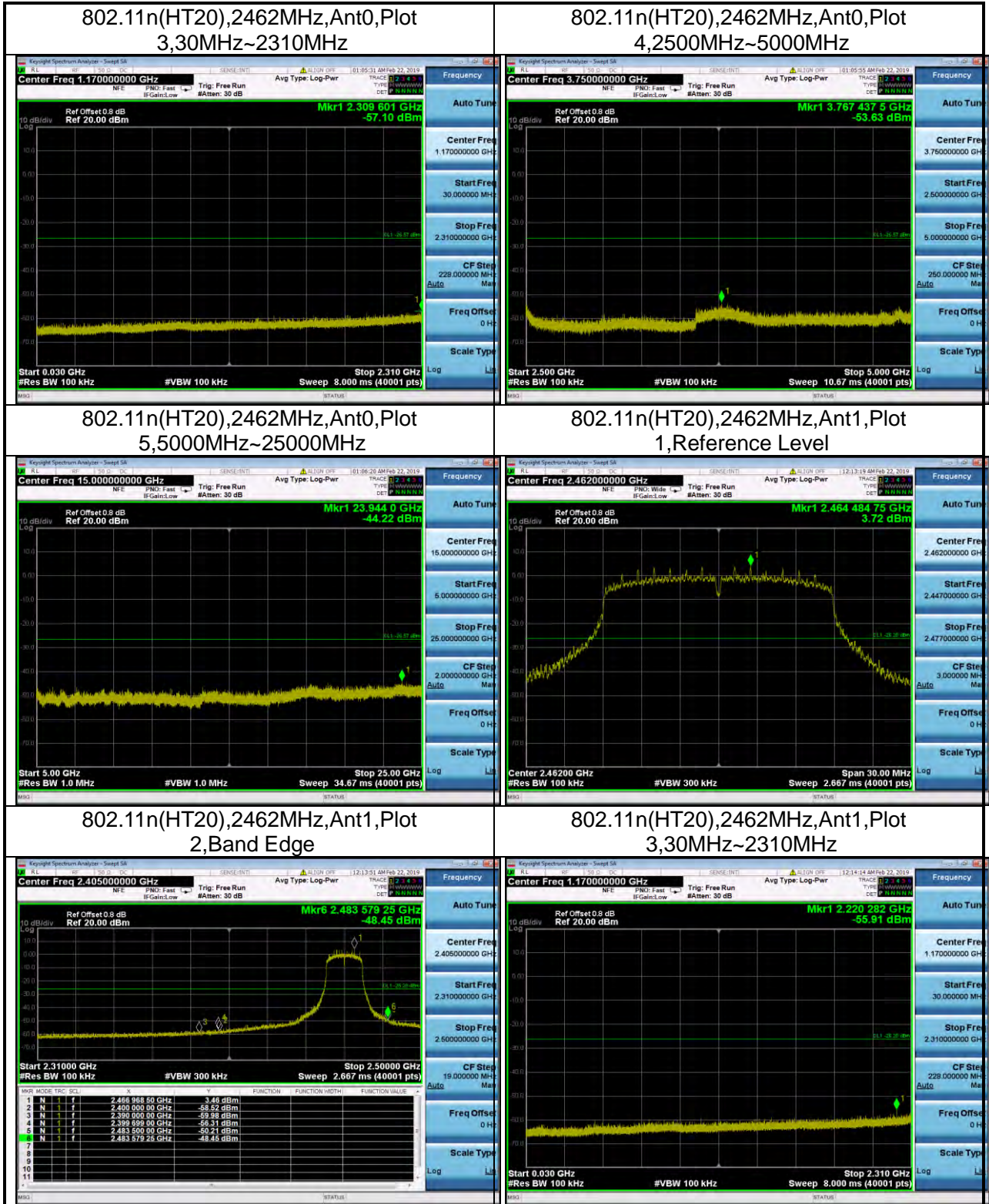


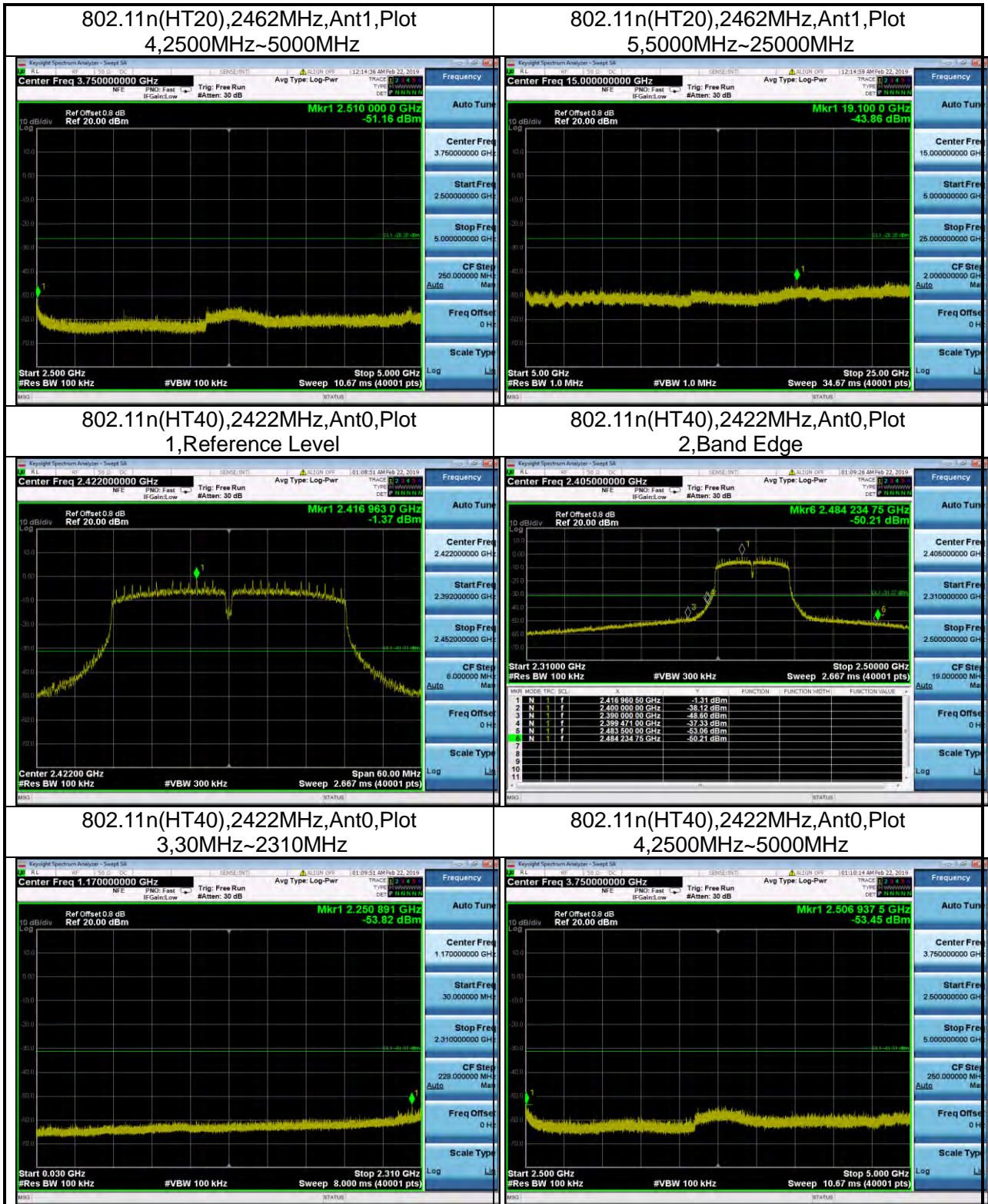


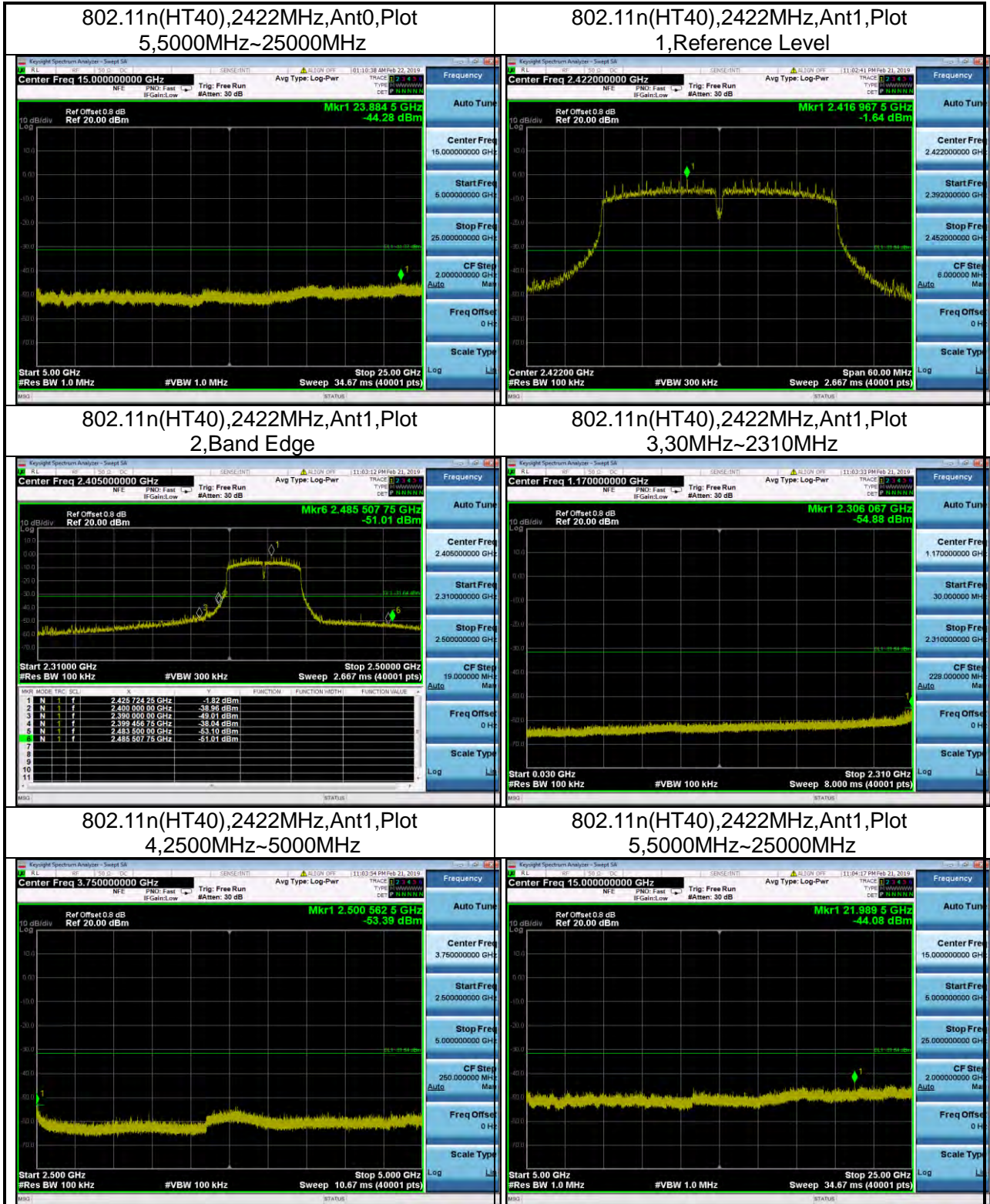


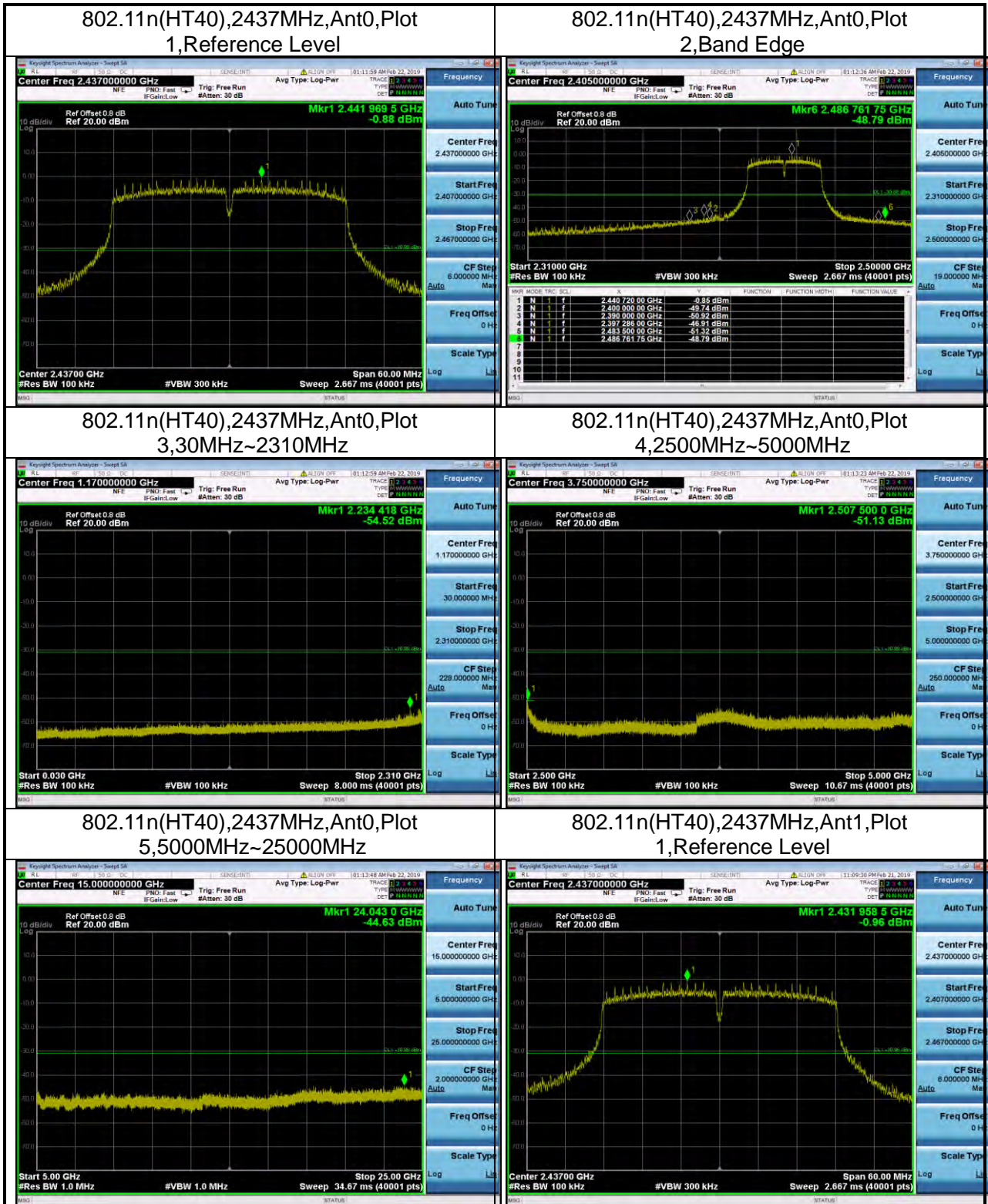


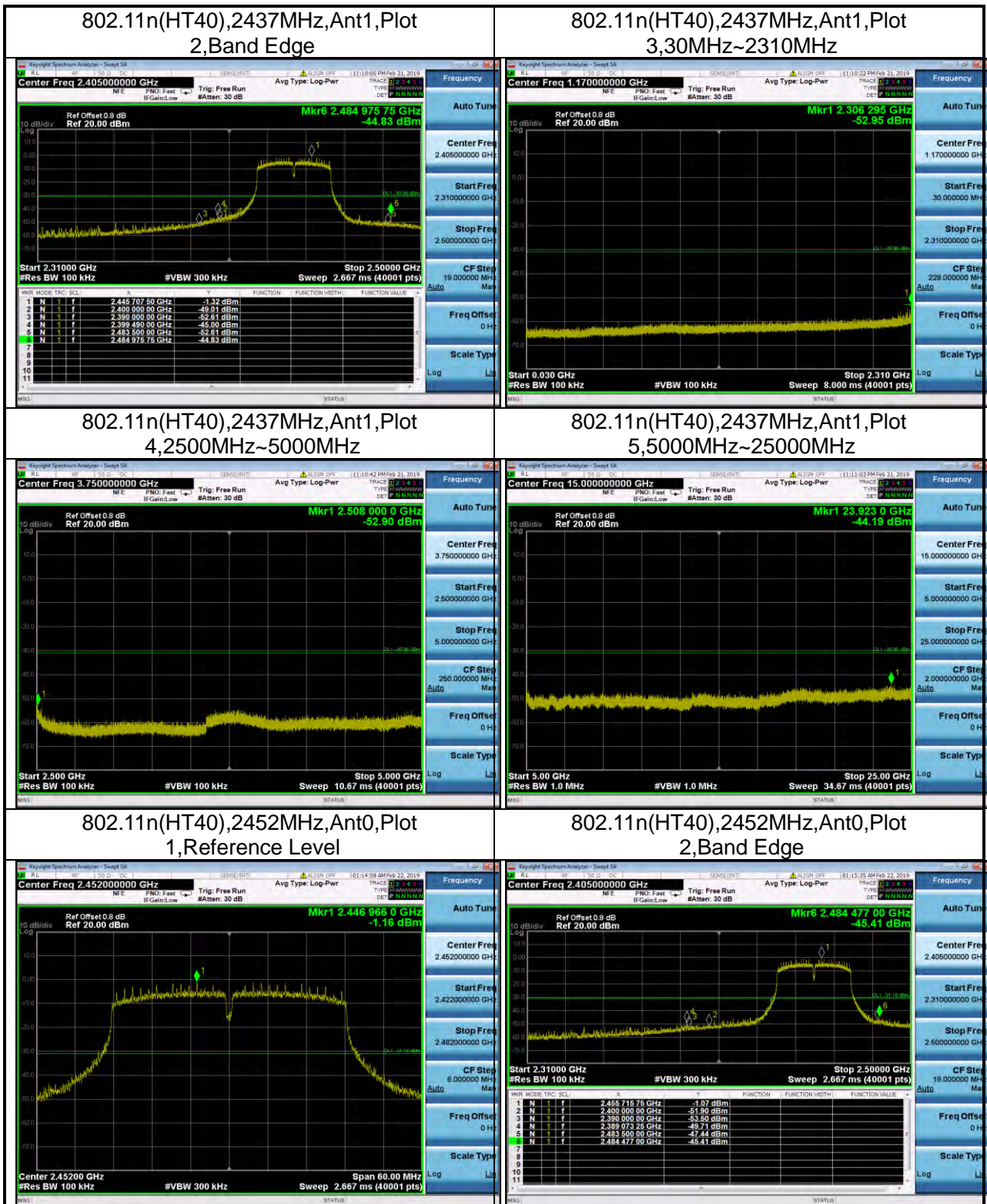


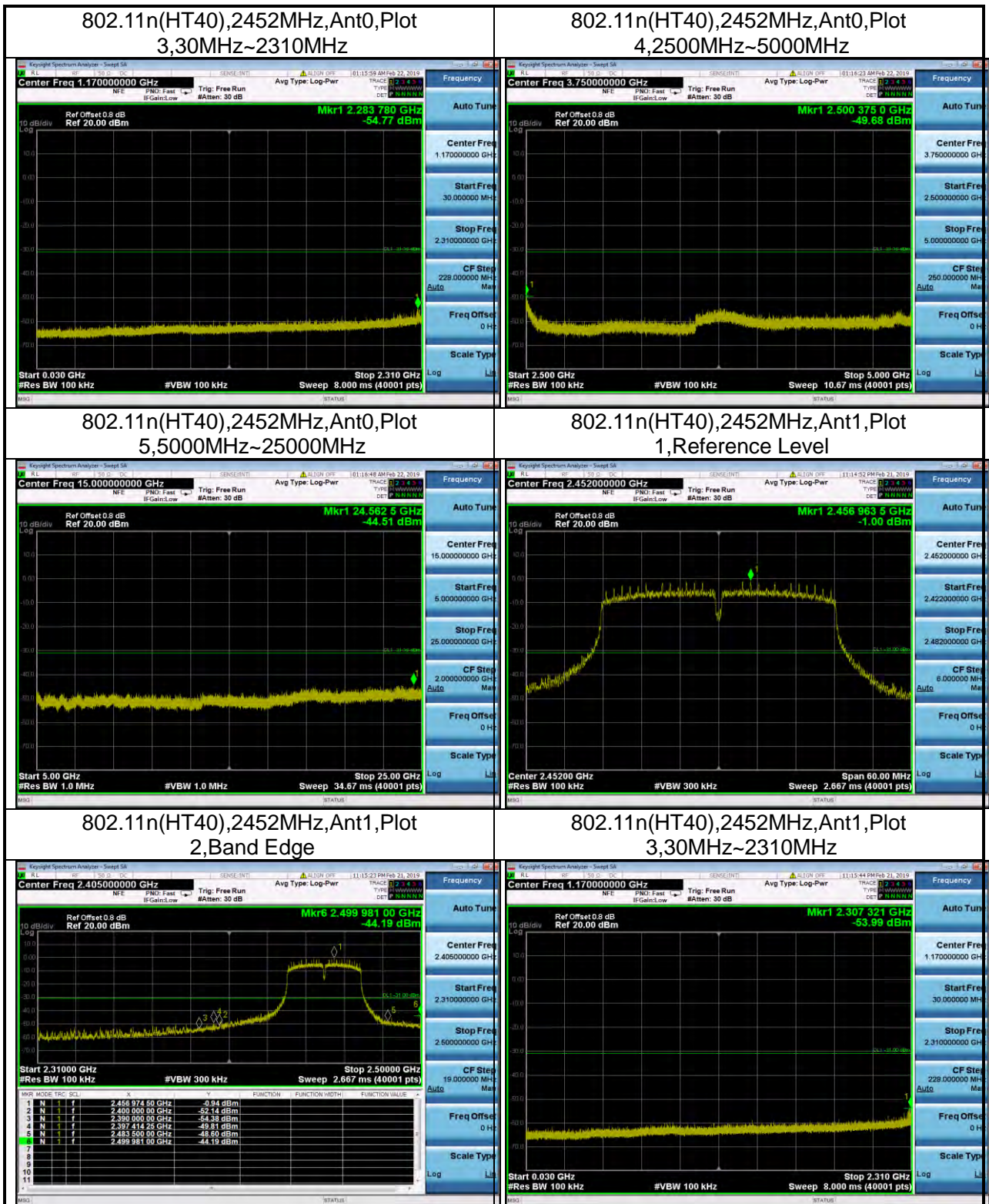


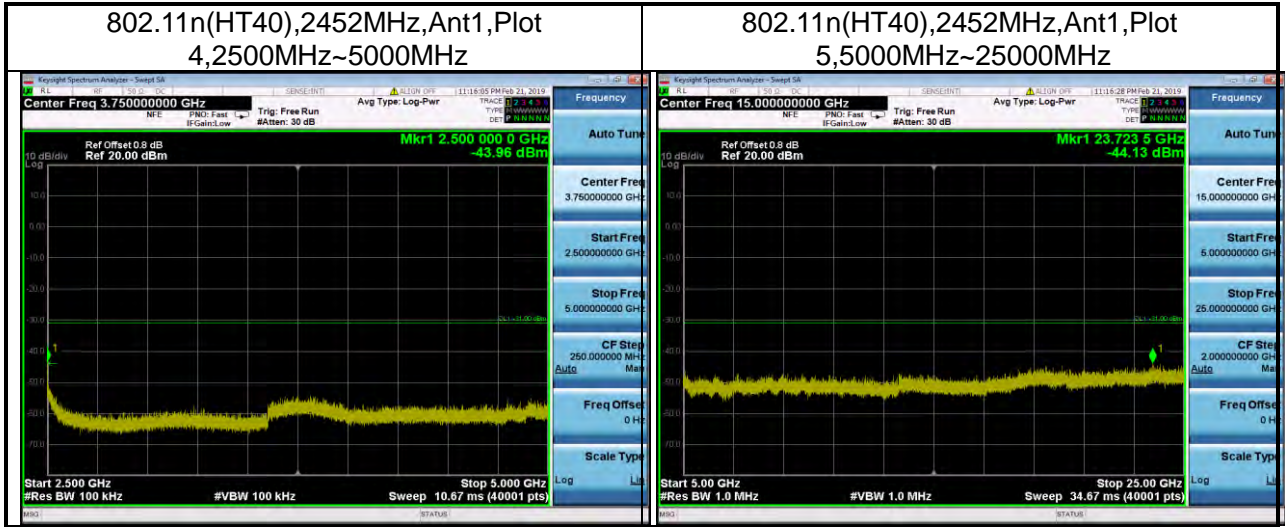












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