

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	-4.21	Pass
802.11b	2412	Ant0	2	Band Edge	-47.92	Pass
802.11b	2412	Ant0	3	30MHz~2310MHz	-54.47	Pass
802.11b	2412	Ant0	4	2500MHz~5000MHz	-54.02	Pass
802.11b	2412	Ant0	5	5000MHz~25000MHz	-43.78	Pass
802.11b	2437	Ant0	1	Reference Level	-4.37	Pass
802.11b	2437	Ant0	2	Band Edge	-58.36	Pass
802.11b	2437	Ant0	3	30MHz~2310MHz	-49.12	Pass
802.11b	2437	Ant0	4	2500MHz~5000MHz	-54.04	Pass
802.11b	2437	Ant0	5	5000MHz~25000MHz	-44.28	Pass
802.11b	2462	Ant0	1	Reference Level	-3.93	Pass
802.11b	2462	Ant0	2	Band Edge	-56.99	Pass
802.11b	2462	Ant0	3	30MHz~2310MHz	-39.11	Pass
802.11b	2462	Ant0	4	2500MHz~5000MHz	-53.34	Pass
802.11b	2462	Ant0	5	5000MHz~25000MHz	-43.94	Pass
802.11g	2412	Ant0	1	Reference Level	-10.27	Pass
802.11g	2412	Ant0	2	Band Edge	-46.73	Pass
802.11g	2412	Ant0	3	30MHz~2310MHz	-55.94	Pass
802.11g	2412	Ant0	4	2500MHz~5000MHz	-53.98	Pass
802.11g	2412	Ant0	5	5000MHz~25000MHz	-44.03	Pass
802.11g	2437	Ant0	1	Reference Level	-10.52	Pass
802.11g	2437	Ant0	2	Band Edge	-58.66	Pass
802.11g	2437	Ant0	3	30MHz~2310MHz	-57.12	Pass
802.11g	2437	Ant0	4	2500MHz~5000MHz	-53.54	Pass
802.11g	2437	Ant0	5	5000MHz~25000MHz	-43.60	Pass

TEST REPORT

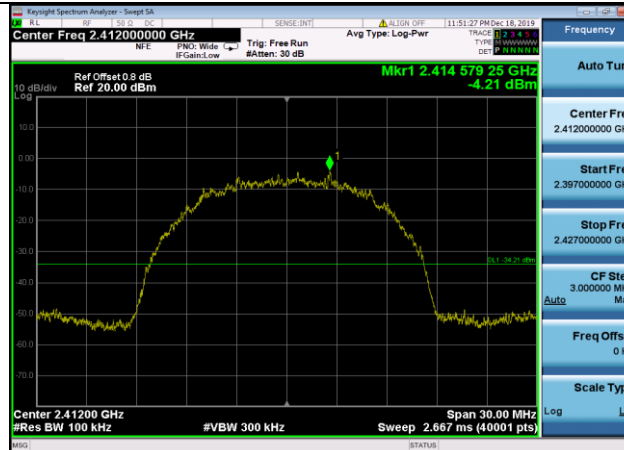
802.11g	2462	Ant0	1	Reference Level	-9.38	Pass
802.11g	2462	Ant0	2	Band Edge	-47.01	Pass
802.11g	2462	Ant0	3	30MHz~2310MHz	-55.22	Pass
802.11g	2462	Ant0	4	2500MHz~5000MHz	-53.84	Pass
802.11g	2462	Ant0	5	5000MHz~25000MHz	-43.52	Pass
802.11n (HT20)	2412	Ant0	1	Reference Level	-10.72	Pass
802.11n (HT20)	2412	Ant0	2	Band Edge	-47.53	Pass
802.11n (HT20)	2412	Ant0	3	30MHz~2310MHz	-50.30	Pass
802.11n (HT20)	2412	Ant0	4	2500MHz~5000MHz	-52.20	Pass
802.11n (HT20)	2412	Ant0	5	5000MHz~25000MHz	-43.80	Pass
802.11n (HT20)	2437	Ant0	1	Reference Level	-10.55	Pass
802.11n (HT20)	2437	Ant0	2	Band Edge	-58.50	Pass
802.11n (HT20)	2437	Ant0	3	30MHz~2310MHz	-51.15	Pass
802.11n (HT20)	2437	Ant0	4	2500MHz~5000MHz	-53.92	Pass
802.11n (HT20)	2437	Ant0	5	5000MHz~25000MHz	-44.05	Pass
802.11n (HT20)	2462	Ant0	1	Reference Level	-10.34	Pass
802.11n (HT20)	2462	Ant0	2	Band Edge	-49.50	Pass
802.11n (HT20)	2462	Ant0	3	30MHz~2310MHz	-55.83	Pass
802.11n (HT20)	2462	Ant0	4	2500MHz~5000MHz	-54.14	Pass
802.11n (HT20)	2462	Ant0	5	5000MHz~25000MHz	-43.70	Pass
802.11n (HT40)	2422	Ant0	1	Reference Level	-13.57	Pass
802.11n (HT40)	2422	Ant0	2	Band Edge	-43.59	Pass
802.11n (HT40)	2422	Ant0	3	30MHz~2310MHz	-51.98	Pass
802.11n (HT40)	2422	Ant0	4	2500MHz~5000MHz	-48.07	Pass
802.11n (HT40)	2422	Ant0	5	5000MHz~25000MHz	-44.12	Pass
802.11n (HT40)	2437	Ant0	1	Reference Level	-13.77	Pass
802.11n (HT40)	2437	Ant0	2	Band Edge	-51.97	Pass

TEST REPORT

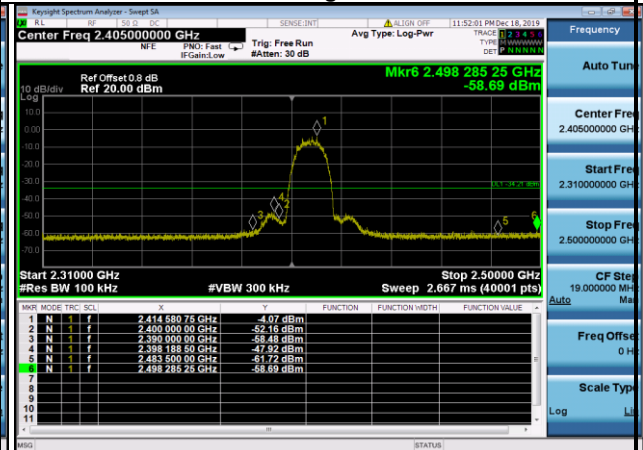
802.11n (HT40)	2437	Ant0	3	30MHz~2310MHz	-47.92	Pass
802.11n (HT40)	2437	Ant0	4	2500MHz~5000MHz	-54.03	Pass
802.11n (HT40)	2437	Ant0	5	5000MHz~25000MHz	-43.80	Pass
802.11n (HT40)	2452	Ant0	1	Reference Level	-13.02	Pass
802.11n (HT40)	2452	Ant0	2	Band Edge	-46.90	Pass
802.11n (HT40)	2452	Ant0	3	30MHz~2310MHz	-53.83	Pass
802.11n (HT40)	2452	Ant0	4	2500MHz~5000MHz	-51.90	Pass
802.11n (HT40)	2452	Ant0	5	5000MHz~25000MHz	-43.51	Pass

9.2 Test Plots

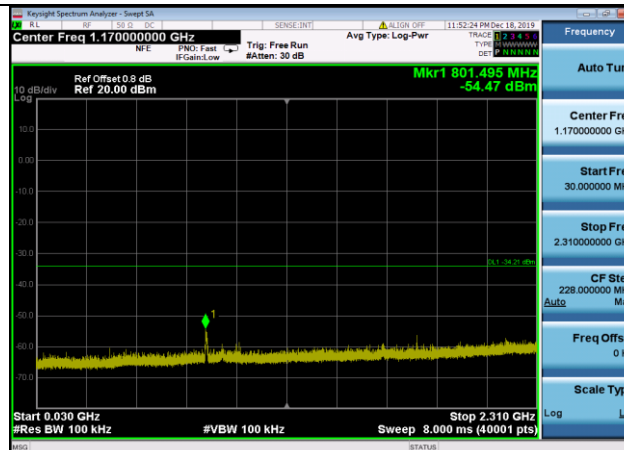
802.11b,2412MHz,Ant0,Plot 1,Reference Level



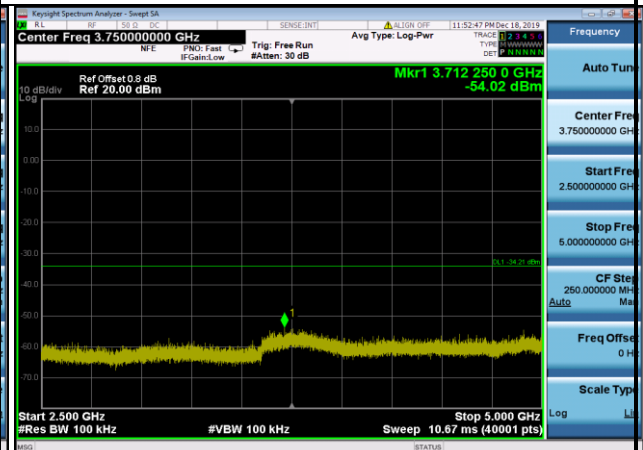
802.11b,2412MHz,Ant0,Plot 2,Band Edge



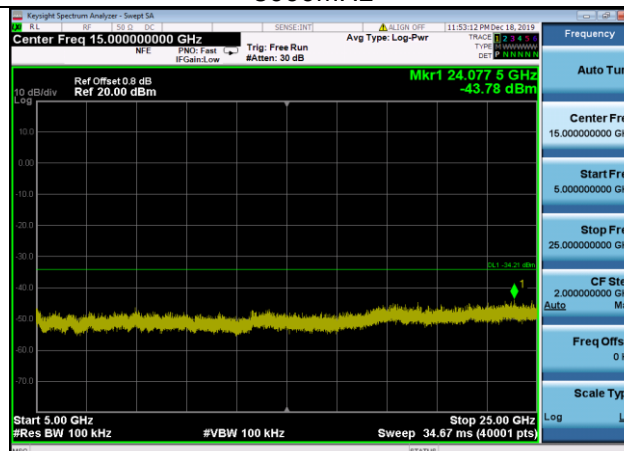
802.11b,2412MHz,Ant0,Plot 3,30MHz~2310MHz



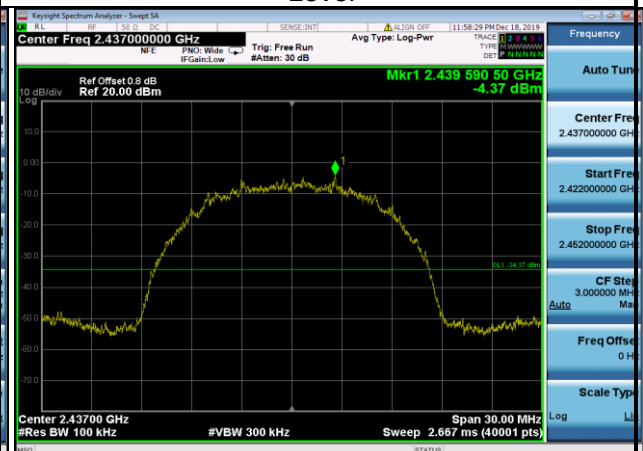
802.11b,2412MHz,Ant0,Plot 4,2500MHz~5000MHz



802.11b,2412MHz,Ant0,Plot 5,5000MHz~25000MHz



802.11b,2437MHz,Ant0,Plot 1,Reference Level

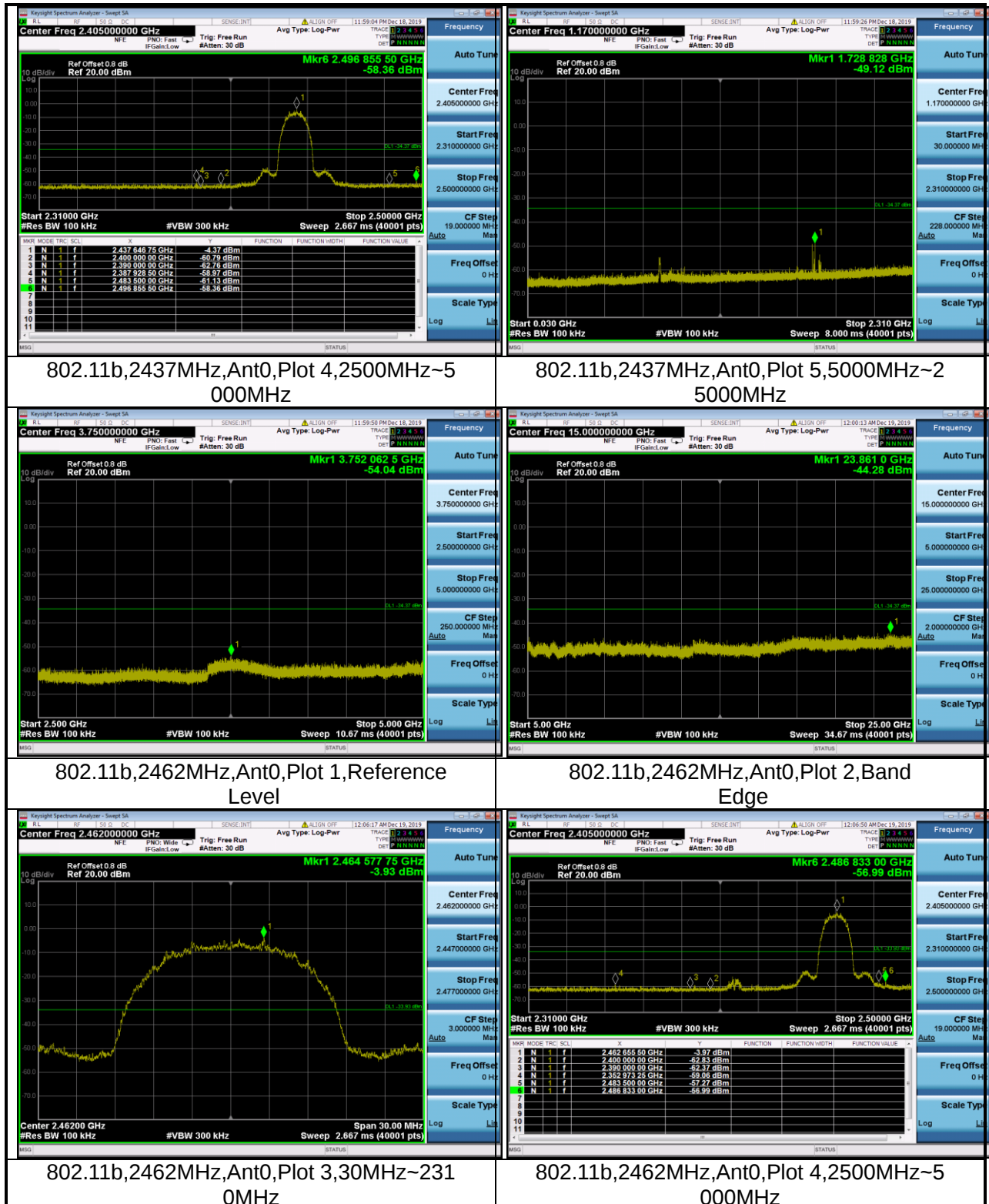


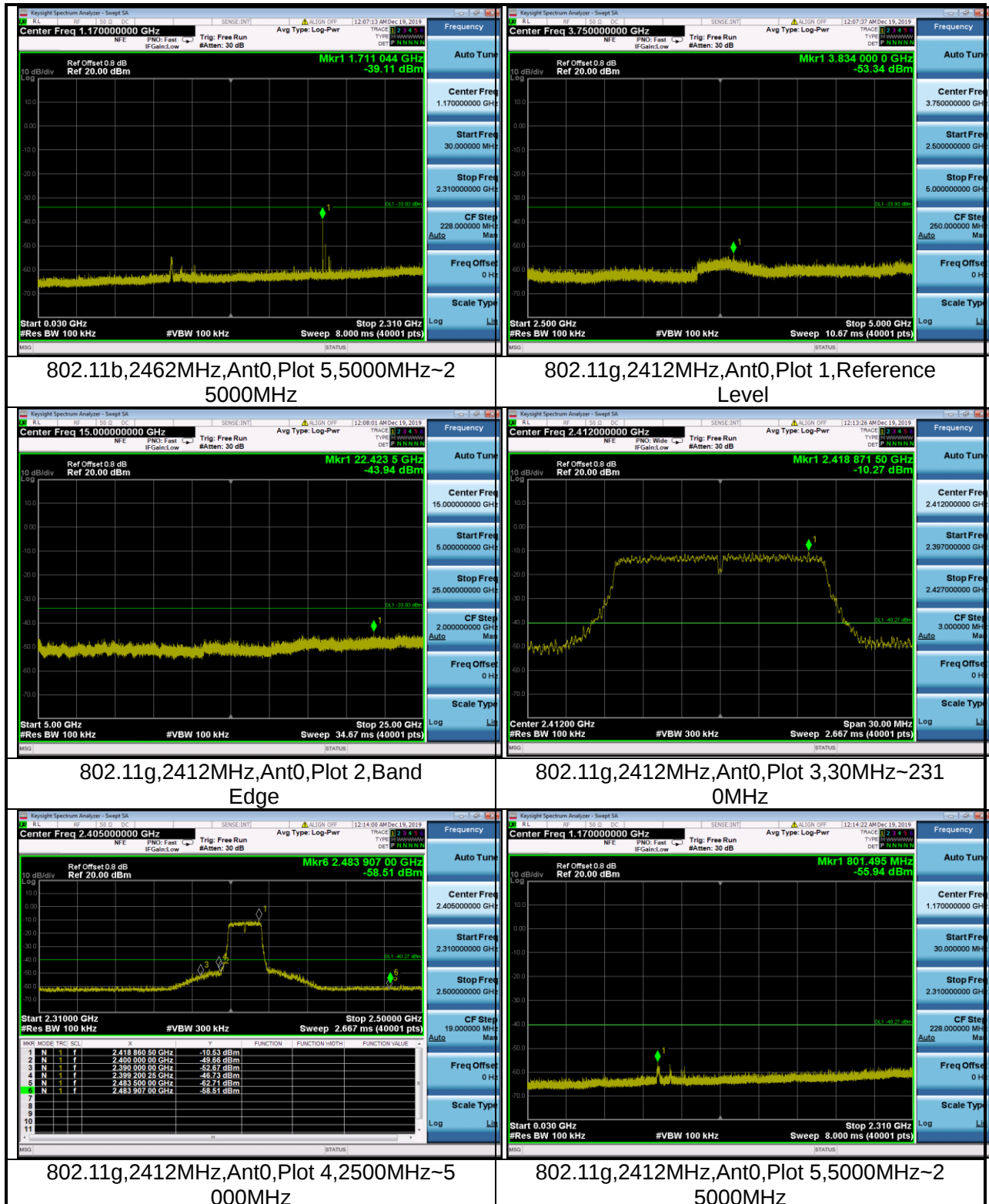
802.11b,2437MHz,Ant0,Plot 2,Band Edge

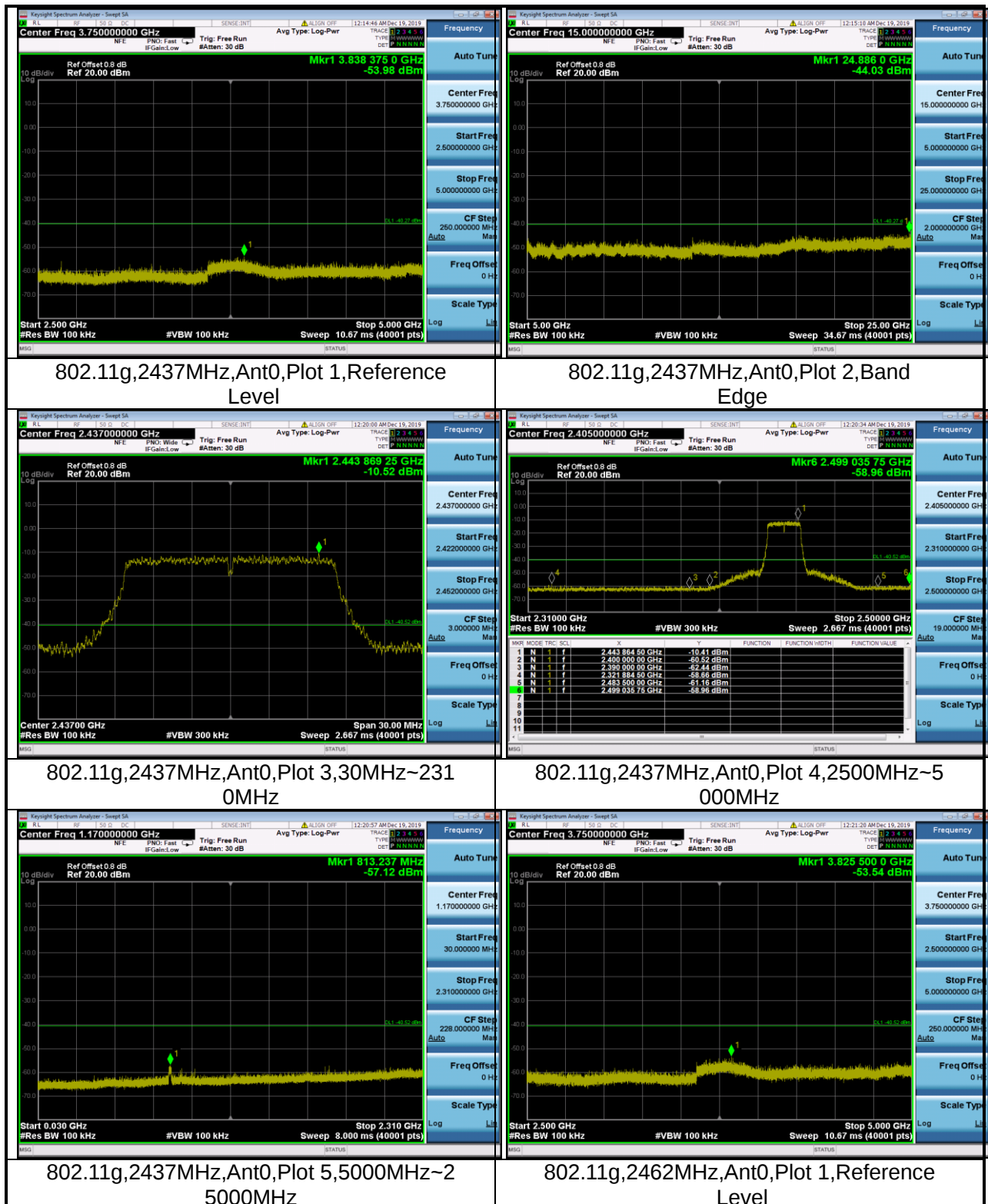


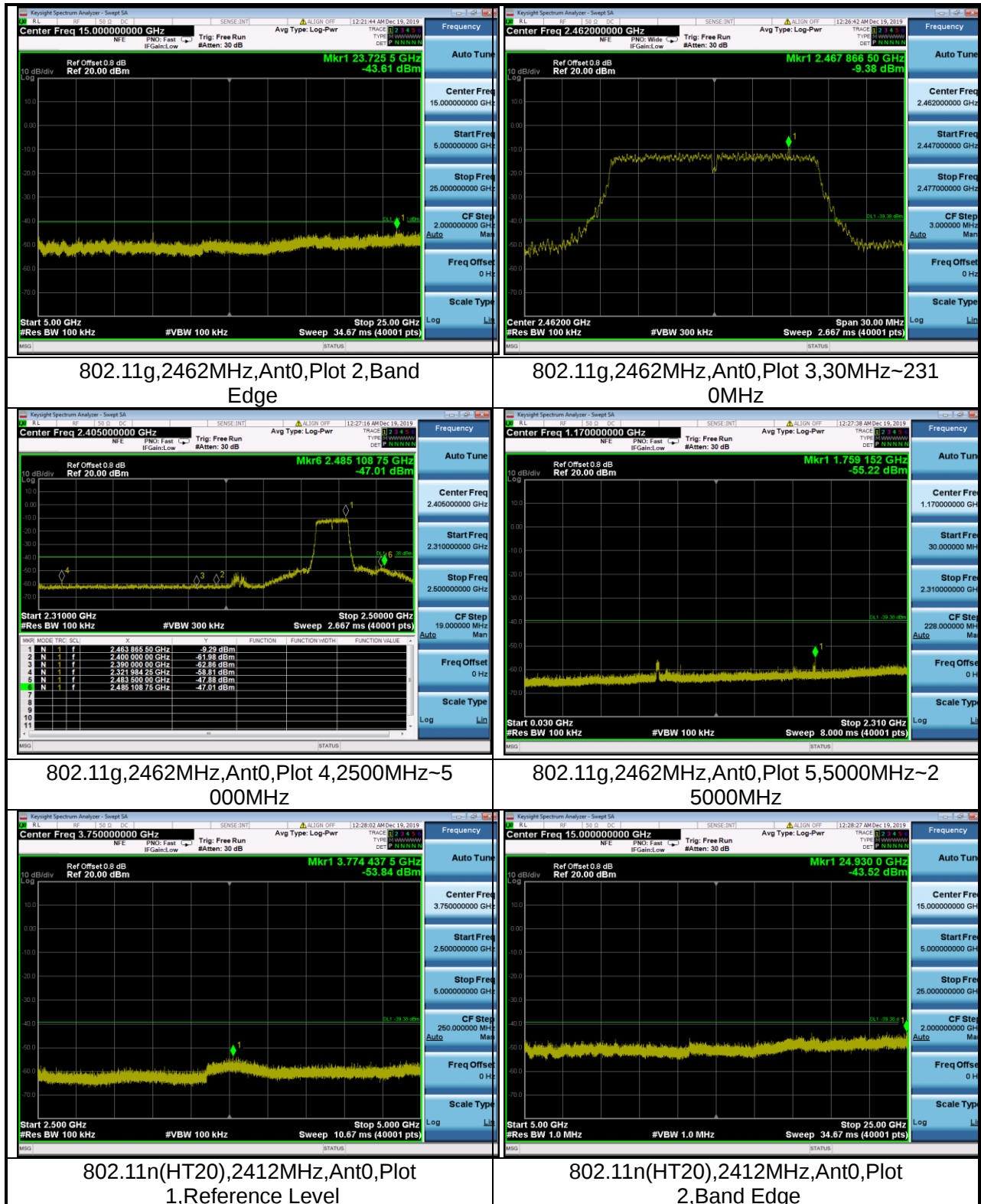
802.11b,2437MHz,Ant0,Plot 3,30MHz~2310MHz

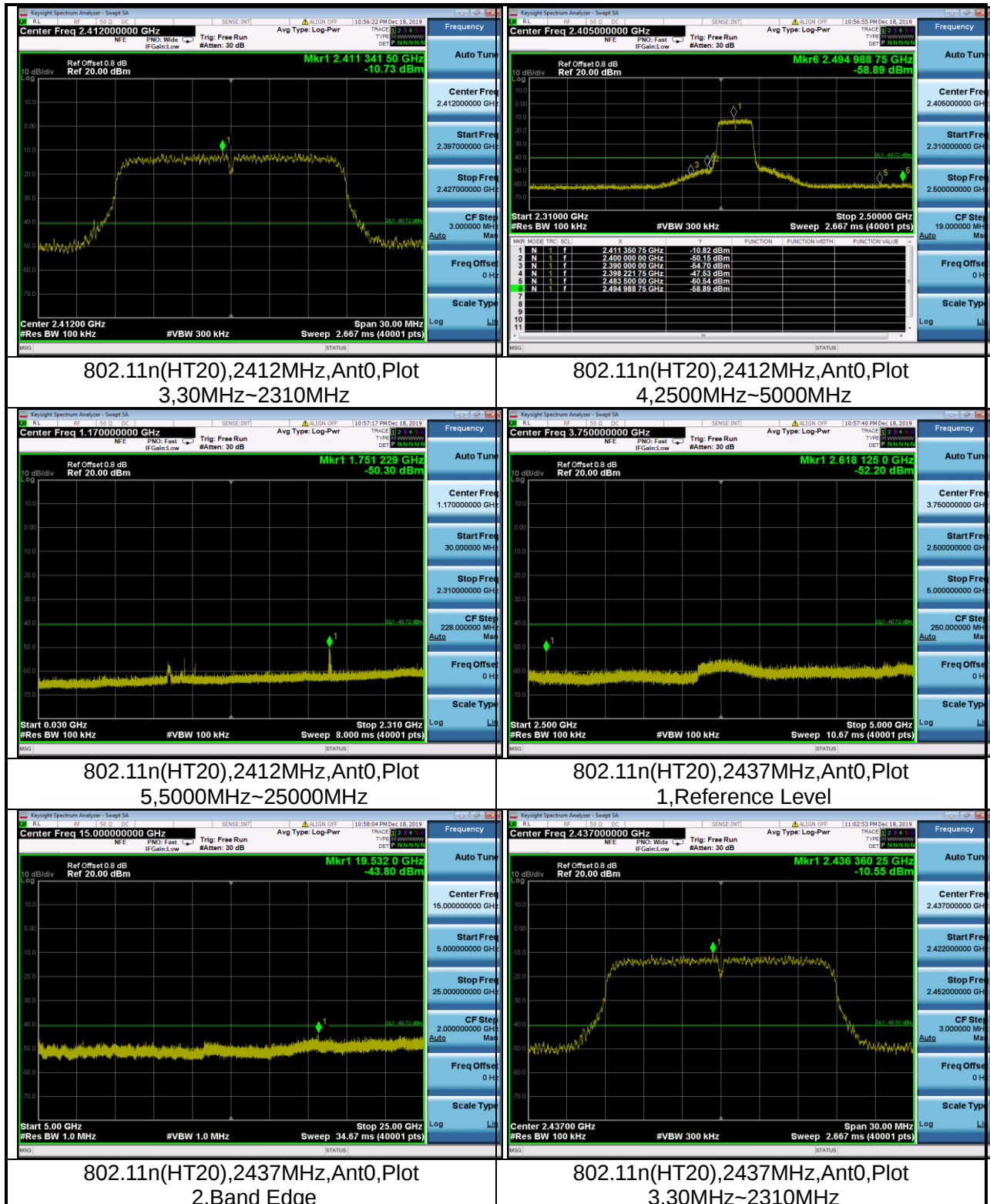


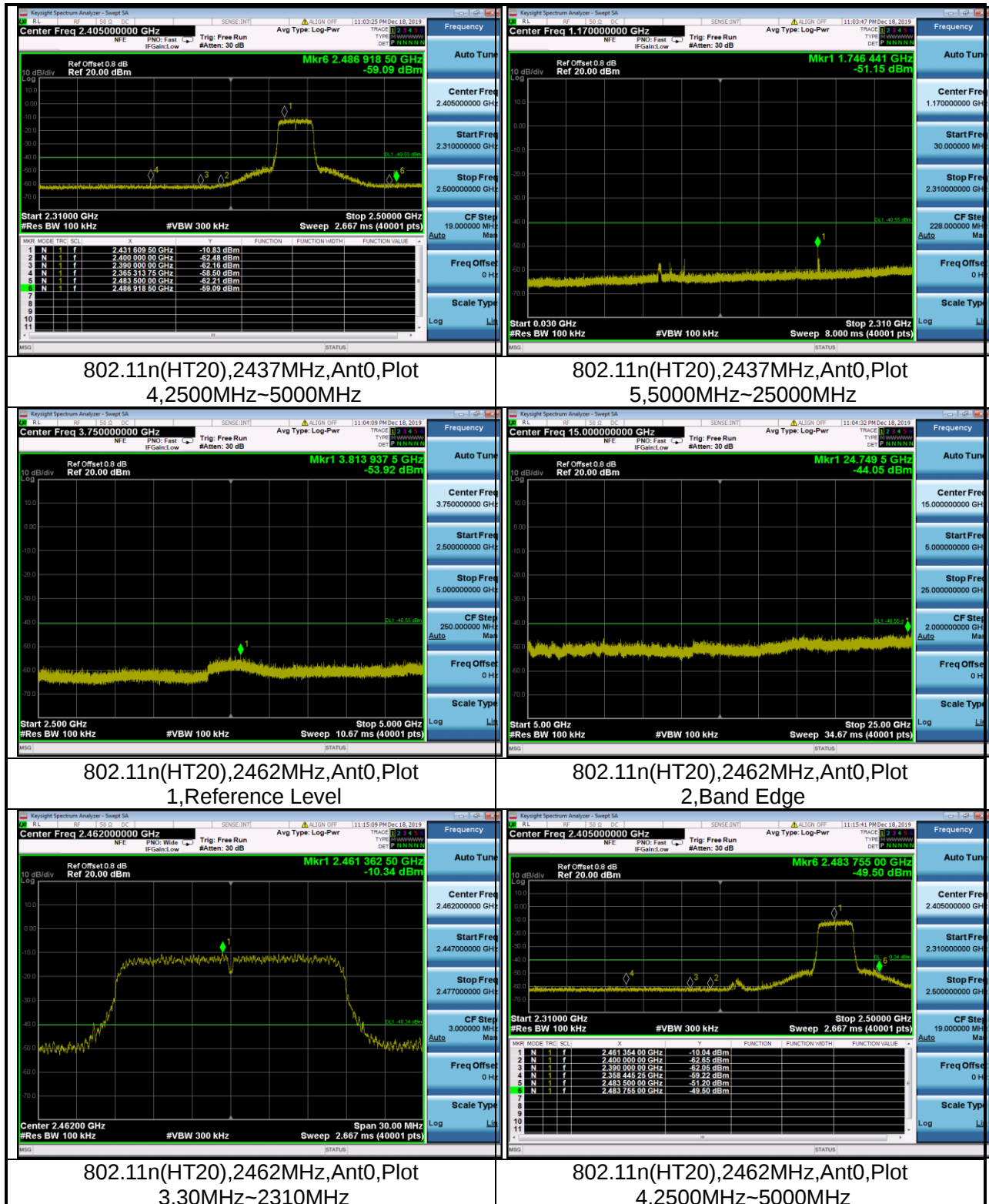


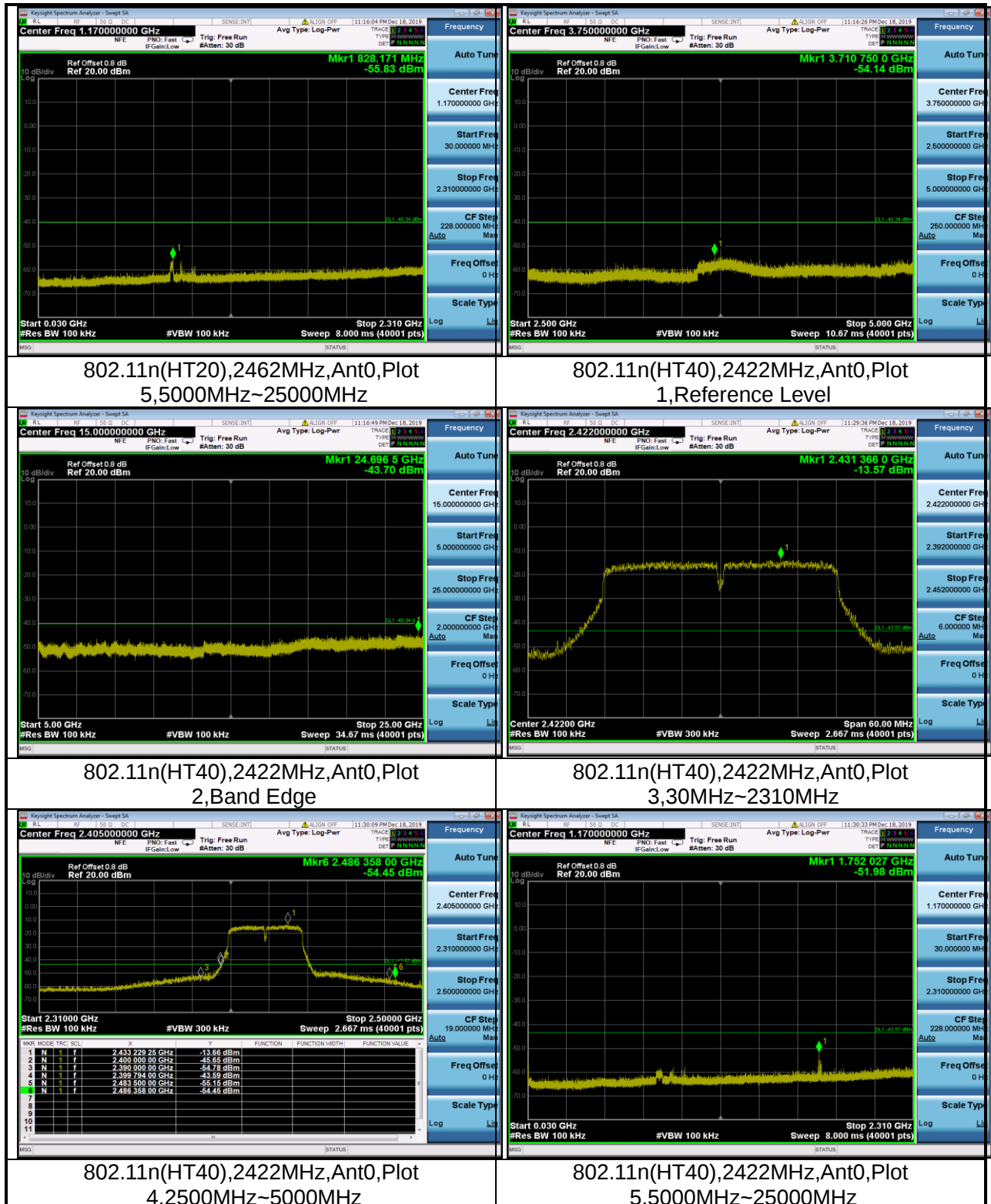


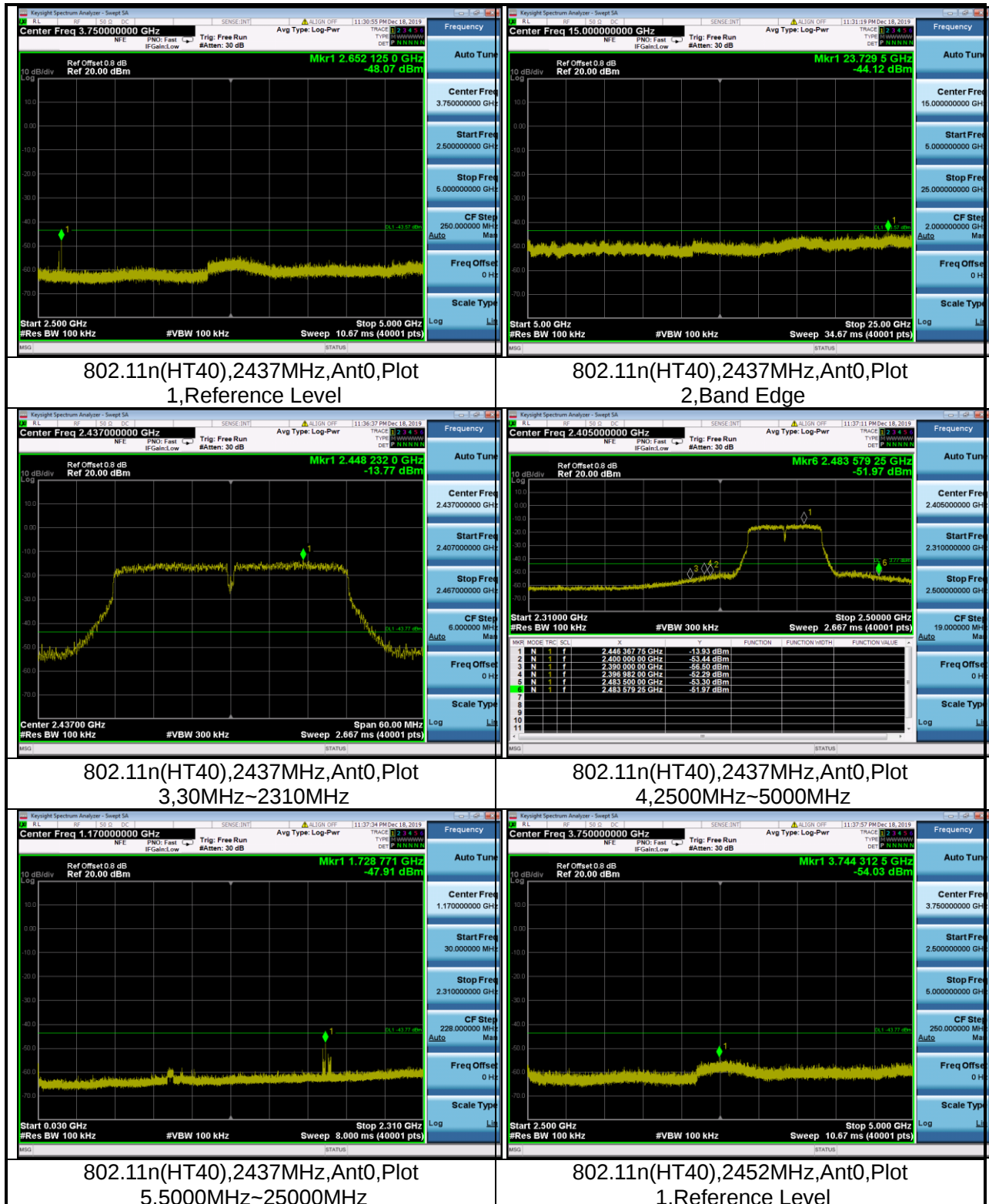


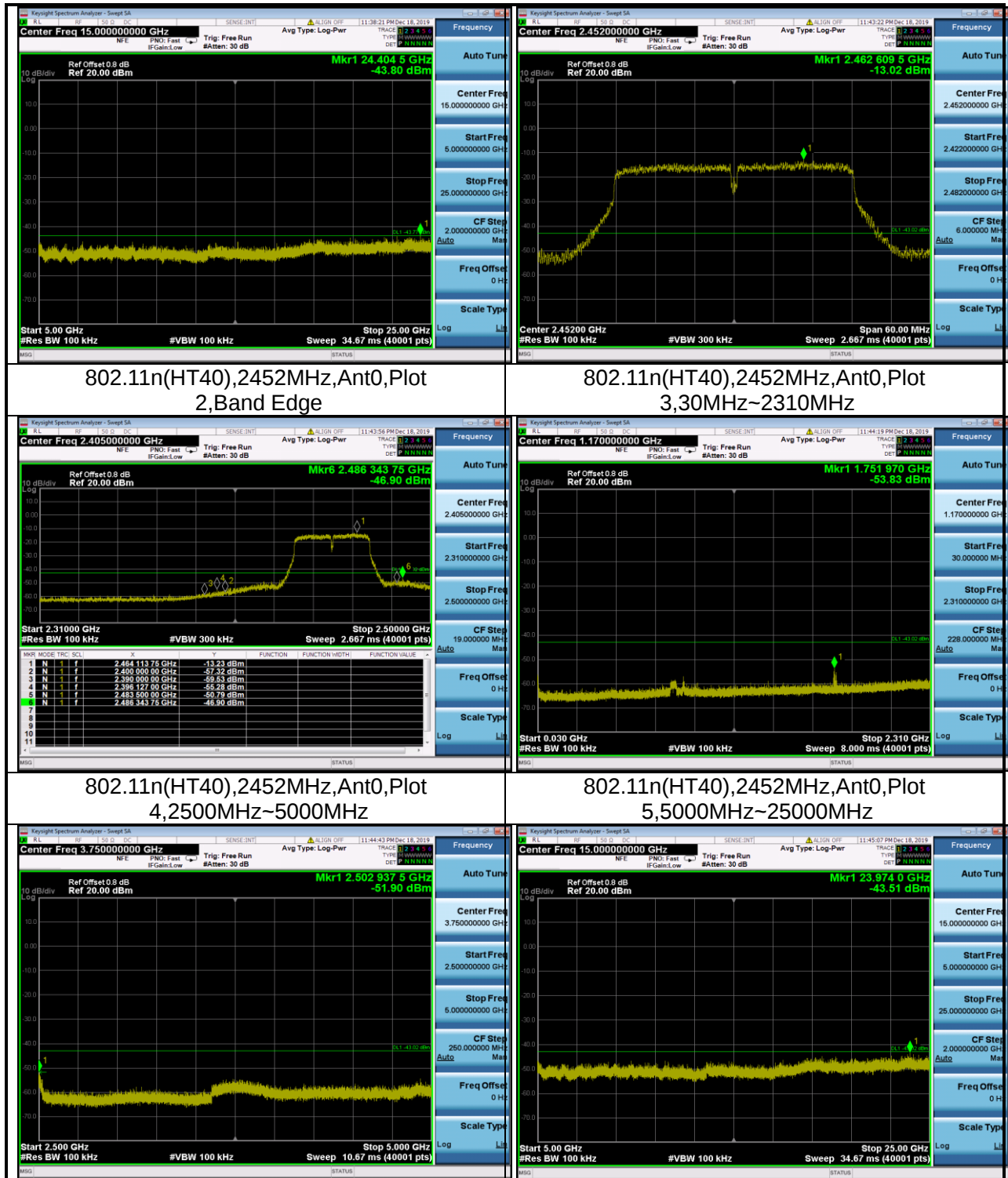












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