

TEST REPORT

5. Emission outside the frequency band

5.1 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	6.62	Pass
802.11b	2412	Ant0	2	Band Edge	-35.48	Pass
802.11b	2412	Ant0	3	30MHz~2310MHz	-55.36	Pass
802.11b	2412	Ant0	4	2500MHz~5000MHz	-38.89	Pass
802.11b	2412	Ant0	5	5000MHz~15000MHz	-54.31	Pass
802.11b	2412	Ant0	6	15000MHz~25000MHz	-52.81	Pass
802.11b	2437	Ant0	1	Reference Level	5.37	Pass
802.11b	2437	Ant0	2	Band Edge	-50.93	Pass
802.11b	2437	Ant0	3	30MHz~2310MHz	-46.26	Pass
802.11b	2437	Ant0	4	2500MHz~5000MHz	-40.89	Pass
802.11b	2437	Ant0	5	5000MHz~15000MHz	-54.72	Pass
802.11b	2437	Ant0	6	15000MHz~25000MHz	-52.85	Pass
802.11b	2462	Ant0	1	Reference Level	5.97	Pass
802.11b	2462	Ant0	2	Band Edge	-49.36	Pass
802.11b	2462	Ant0	3	30MHz~2310MHz	-55.44	Pass
802.11b	2462	Ant0	4	2500MHz~5000MHz	-41.22	Pass
802.11b	2462	Ant0	5	5000MHz~15000MHz	-54.78	Pass
802.11b	2462	Ant0	6	15000MHz~25000MHz	-52.94	Pass
802.11g	2412	Ant0	1	Reference Level	5.07	Pass
802.11g	2412	Ant0	2	Band Edge	-25.22	Pass
802.11g	2412	Ant0	3	30MHz~2310MHz	-54.13	Pass
802.11g	2412	Ant0	4	2500MHz~5000MHz	-46.18	Pass
802.11g	2412	Ant0	5	5000MHz~15000MHz	-54.64	Pass
802.11g	2412	Ant0	6	15000MHz~25000MHz	-52.75	Pass
802.11g	2437	Ant0	1	Reference Level	3.94	Pass
802.11g	2437	Ant0	2	Band Edge	-51.16	Pass
802.11g	2437	Ant0	3	30MHz~2310MHz	-55.48	Pass

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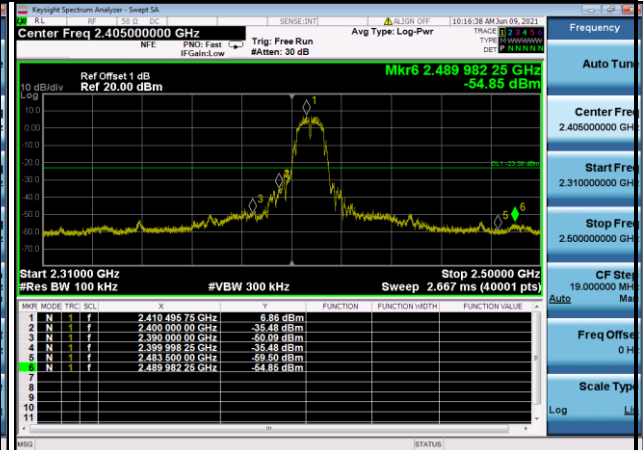
802.11g	2437	Ant0	4	2500MHz~5000MHz	-47.67	Pass
802.11g	2437	Ant0	5	5000MHz~15000MHz	-54.98	Pass
802.11g	2437	Ant0	6	15000MHz~25000MHz	-52.97	Pass
802.11g	2462	Ant0	1	Reference Level	3.75	Pass
802.11g	2462	Ant0	2	Band Edge	-38.63	Pass
802.11g	2462	Ant0	3	30MHz~2310MHz	-54.40	Pass
802.11g	2462	Ant0	4	2500MHz~5000MHz	-48.03	Pass
802.11g	2462	Ant0	5	5000MHz~15000MHz	-54.81	Pass
802.11g	2462	Ant0	6	15000MHz~25000MHz	-53.11	Pass
802.11n (HT20)	2412	Ant0	1	Reference Level	4.14	Pass
802.11n (HT20)	2412	Ant0	2	Band Edge	-26.14	Pass
802.11n (HT20)	2412	Ant0	3	30MHz~2310MHz	-54.59	Pass
802.11n (HT20)	2412	Ant0	4	2500MHz~5000MHz	-47.86	Pass
802.11n (HT20)	2412	Ant0	5	5000MHz~15000MHz	-54.99	Pass
802.11n (HT20)	2412	Ant0	6	15000MHz~25000MHz	-52.65	Pass
802.11n (HT20)	2437	Ant0	1	Reference Level	3.46	Pass
802.11n (HT20)	2437	Ant0	2	Band Edge	-50.36	Pass
802.11n (HT20)	2437	Ant0	3	30MHz~2310MHz	-54.60	Pass
802.11n (HT20)	2437	Ant0	4	2500MHz~5000MHz	-49.63	Pass
802.11n (HT20)	2437	Ant0	5	5000MHz~15000MHz	-55.43	Pass
802.11n (HT20)	2437	Ant0	6	15000MHz~25000MHz	-52.71	Pass
802.11n (HT20)	2462	Ant0	1	Reference Level	3.27	Pass
802.11n (HT20)	2462	Ant0	2	Band Edge	-39.98	Pass
802.11n (HT20)	2462	Ant0	3	30MHz~2310MHz	-54.07	Pass
802.11n (HT20)	2462	Ant0	4	2500MHz~5000MHz	-49.70	Pass
802.11n (HT20)	2462	Ant0	5	5000MHz~15000MHz	-55.33	Pass
802.11n (HT20)	2462	Ant0	6	15000MHz~25000MHz	-53.06	Pass

9.2 Test Plots

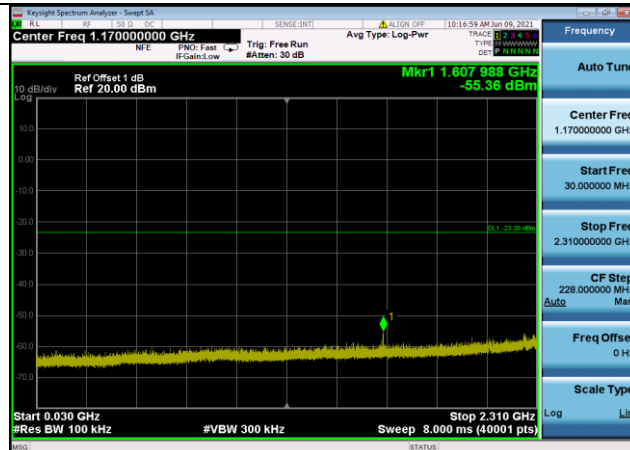
802.11b,2412MHz,Ant0,Plot 1,Reference Level



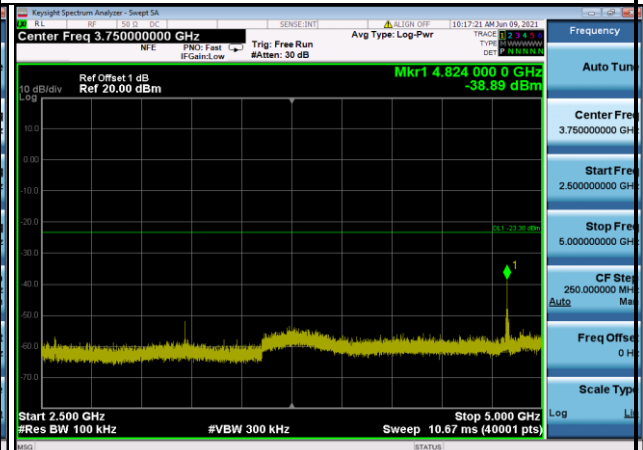
802.11b,2412MHz,Ant0,Plot 2,Band Edge



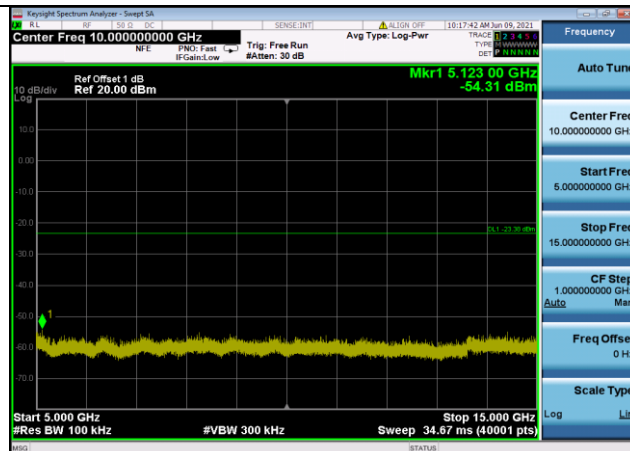
802.11b,2412MHz,Ant0,Plot 3,30MHz~2310MHz



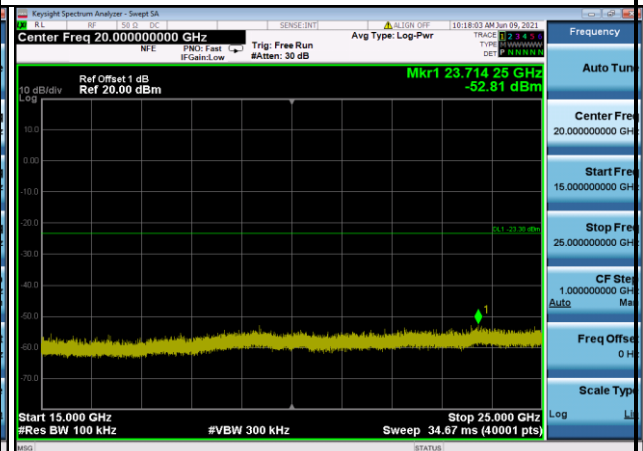
802.11b,2412MHz,Ant0,Plot 4,2500MHz~5000MHz



802.11b,2412MHz,Ant0,Plot 5,5000MHz~15000MHz

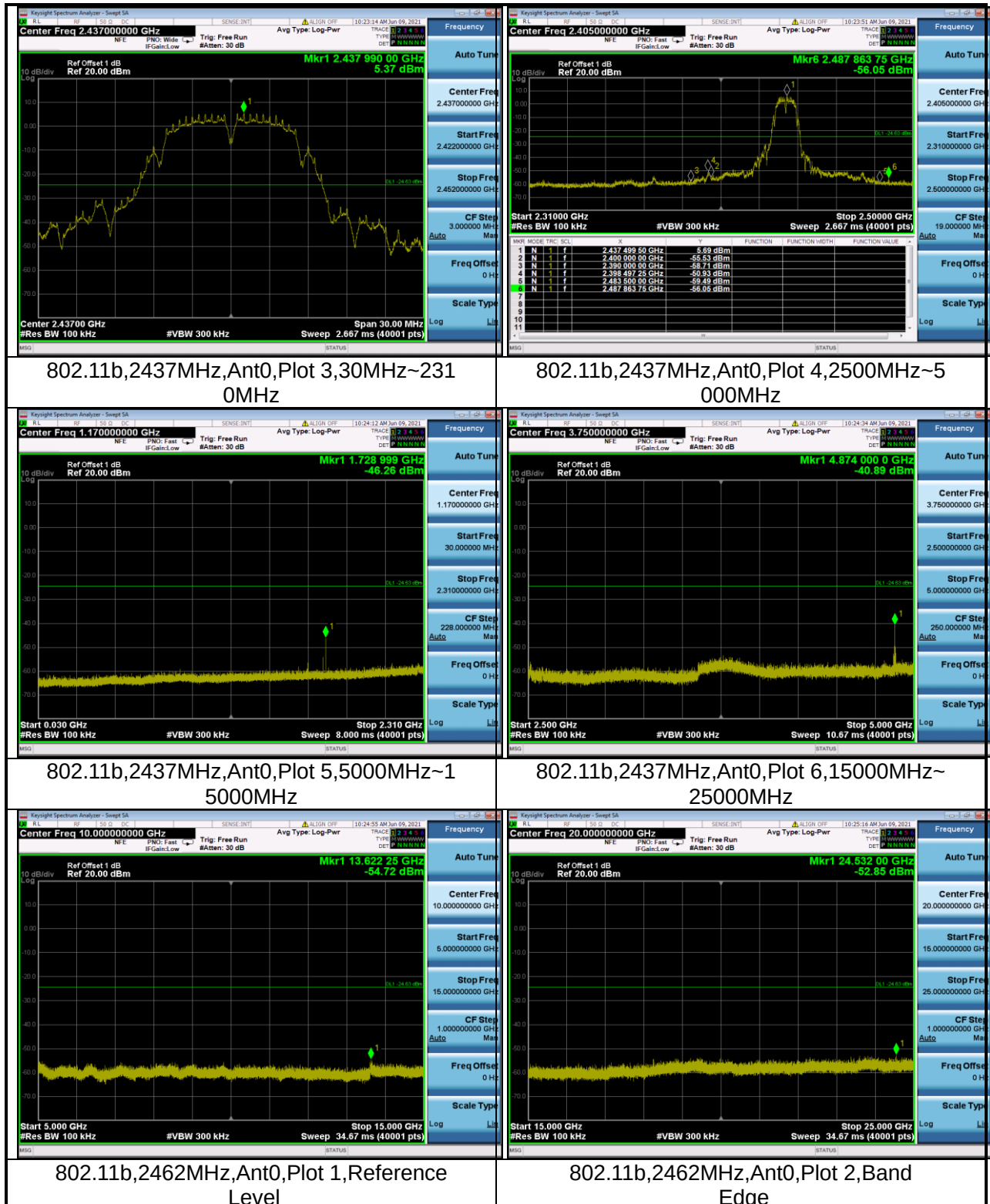


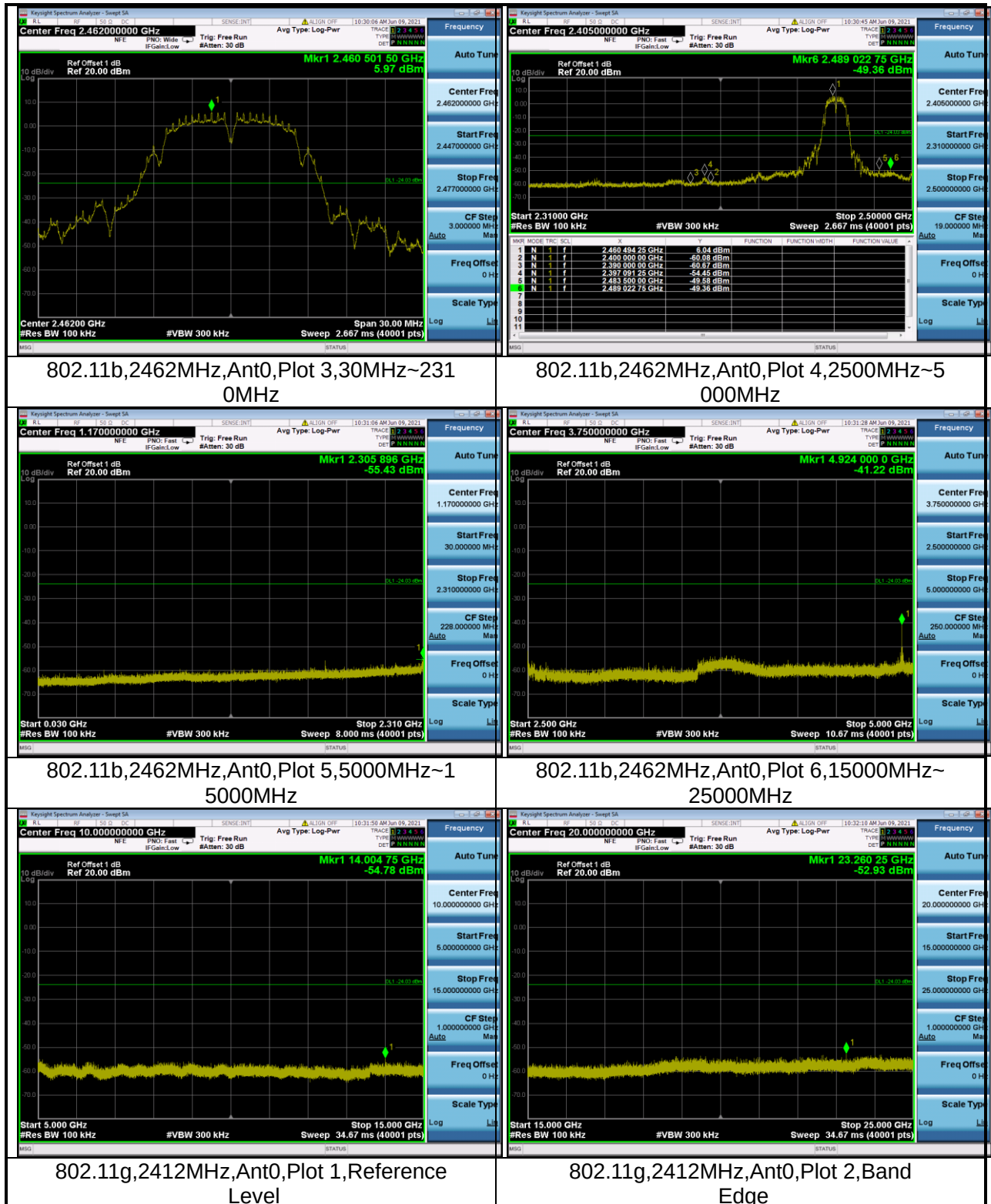
802.11b,2412MHz,Ant0,Plot 6,15000MHz~25000MHz

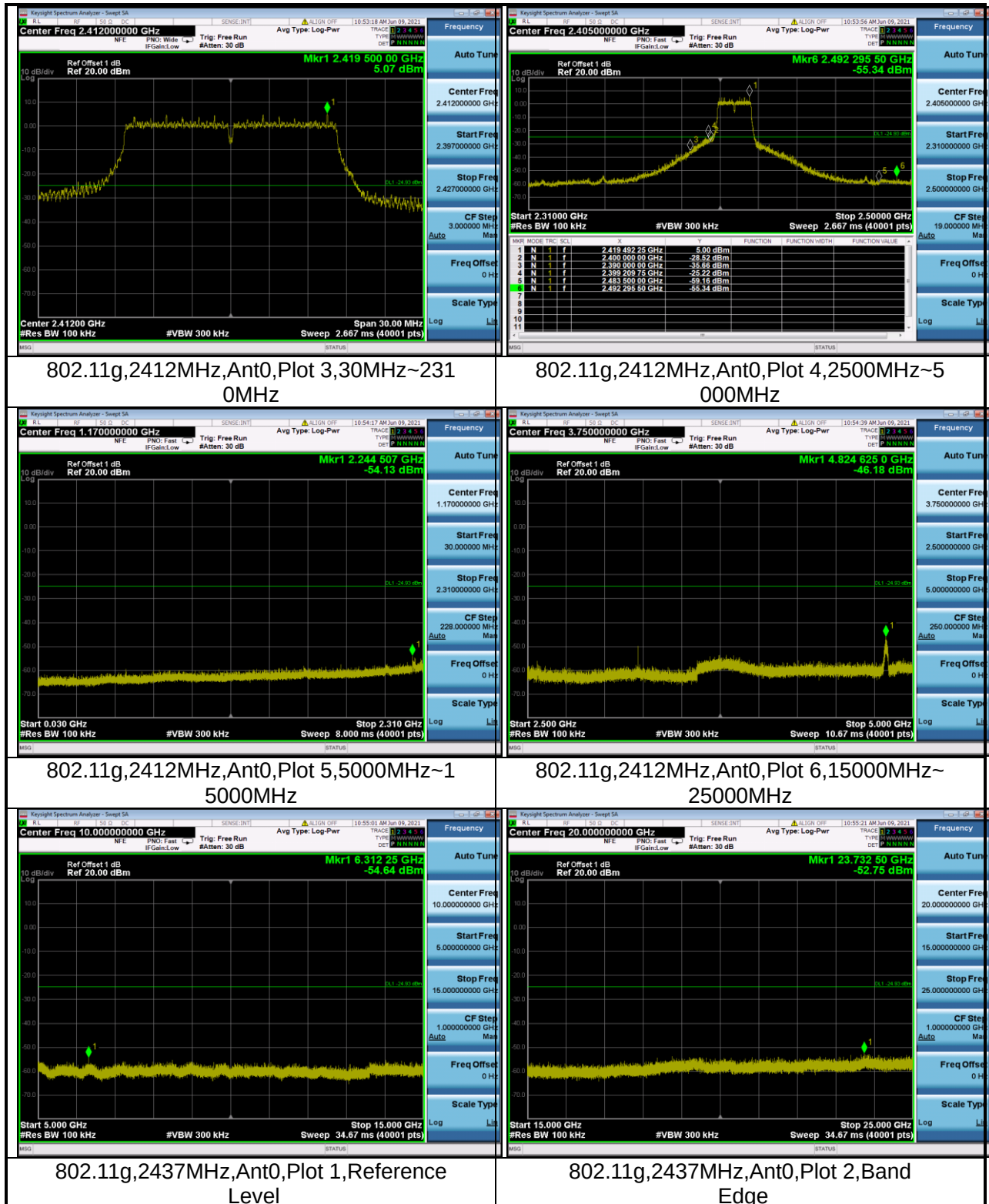


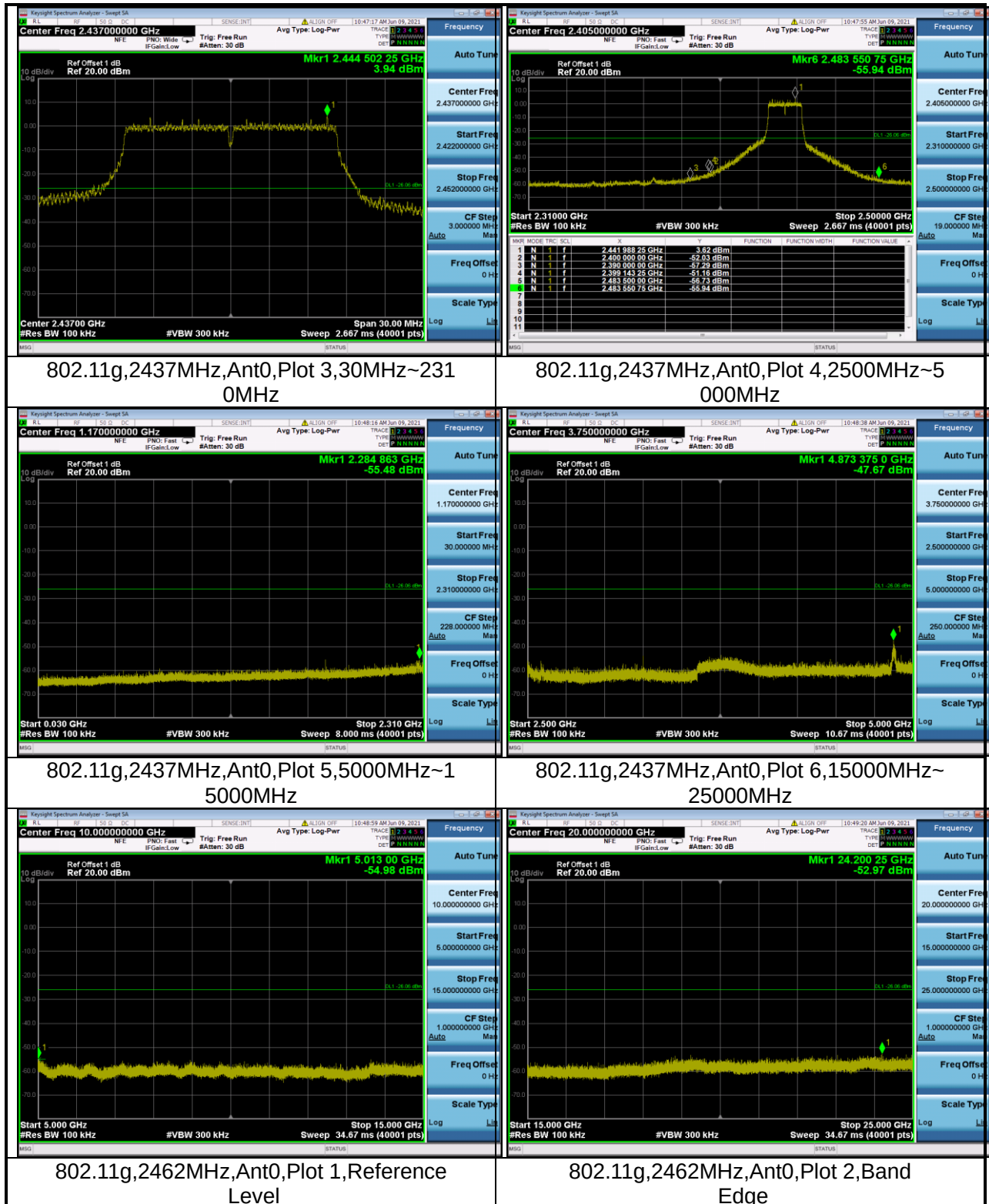
802.11b,2437MHz,Ant0,Plot 1,Reference Level

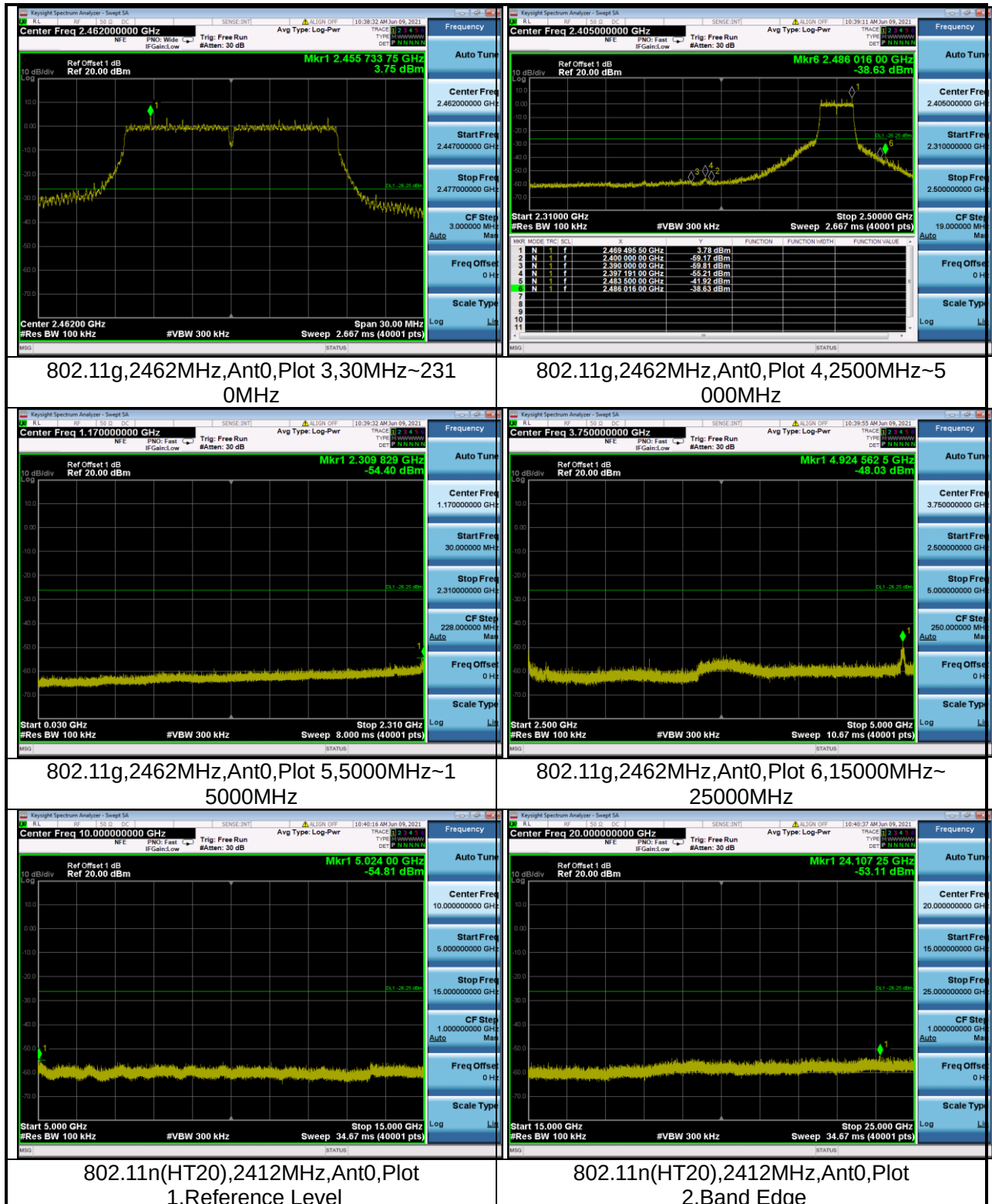
802.11b,2437MHz,Ant0,Plot 2,Band Edge

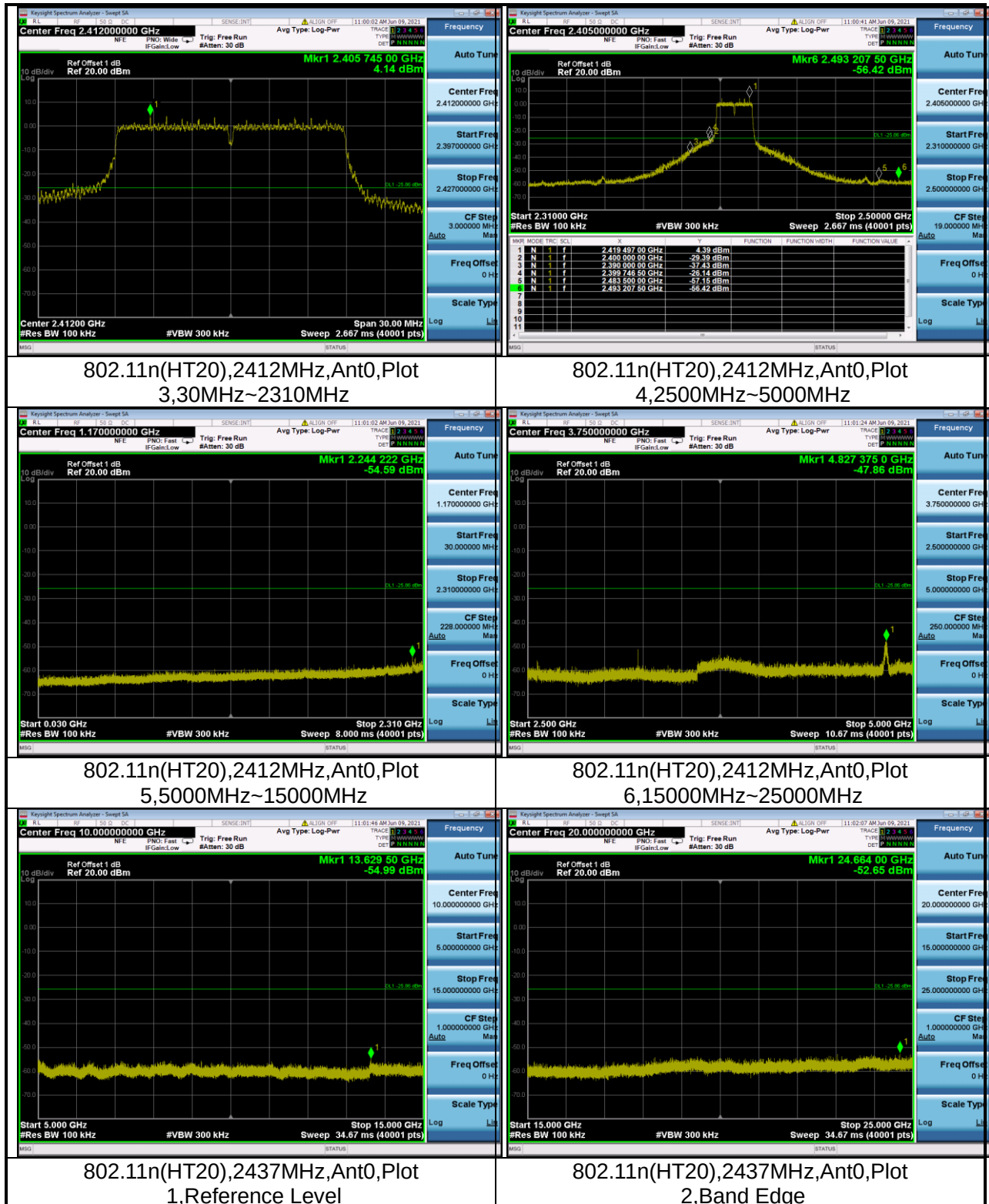


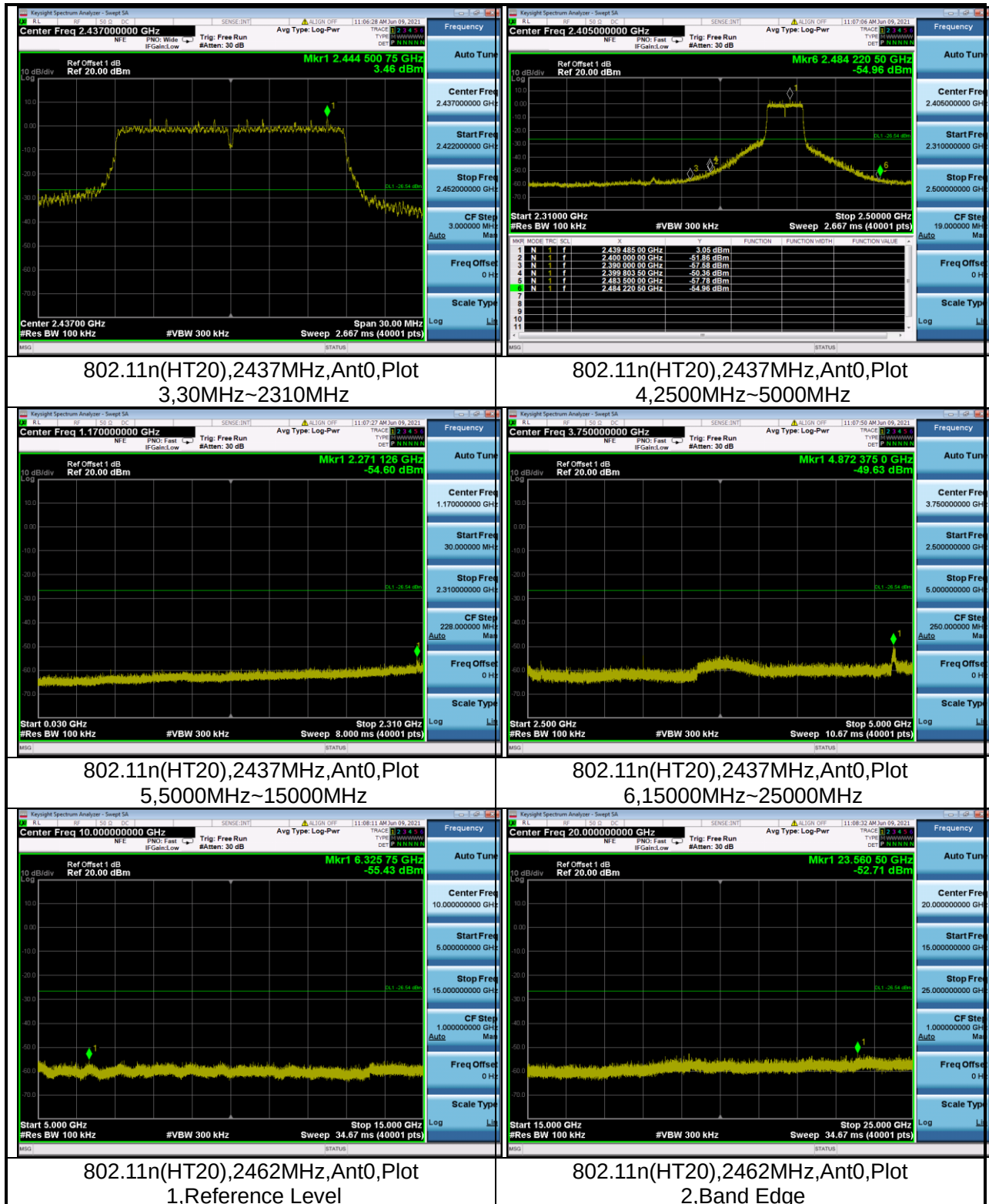


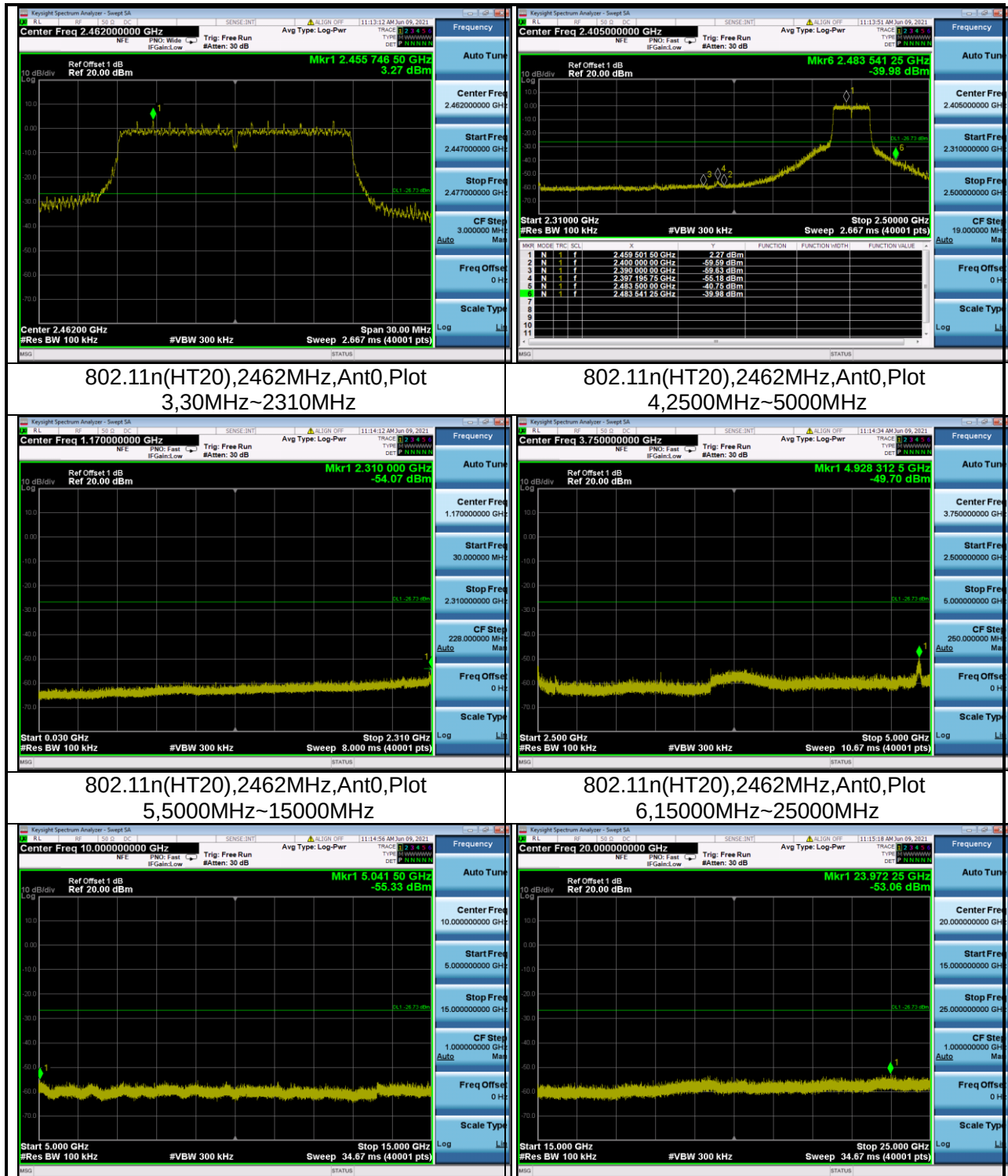












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