

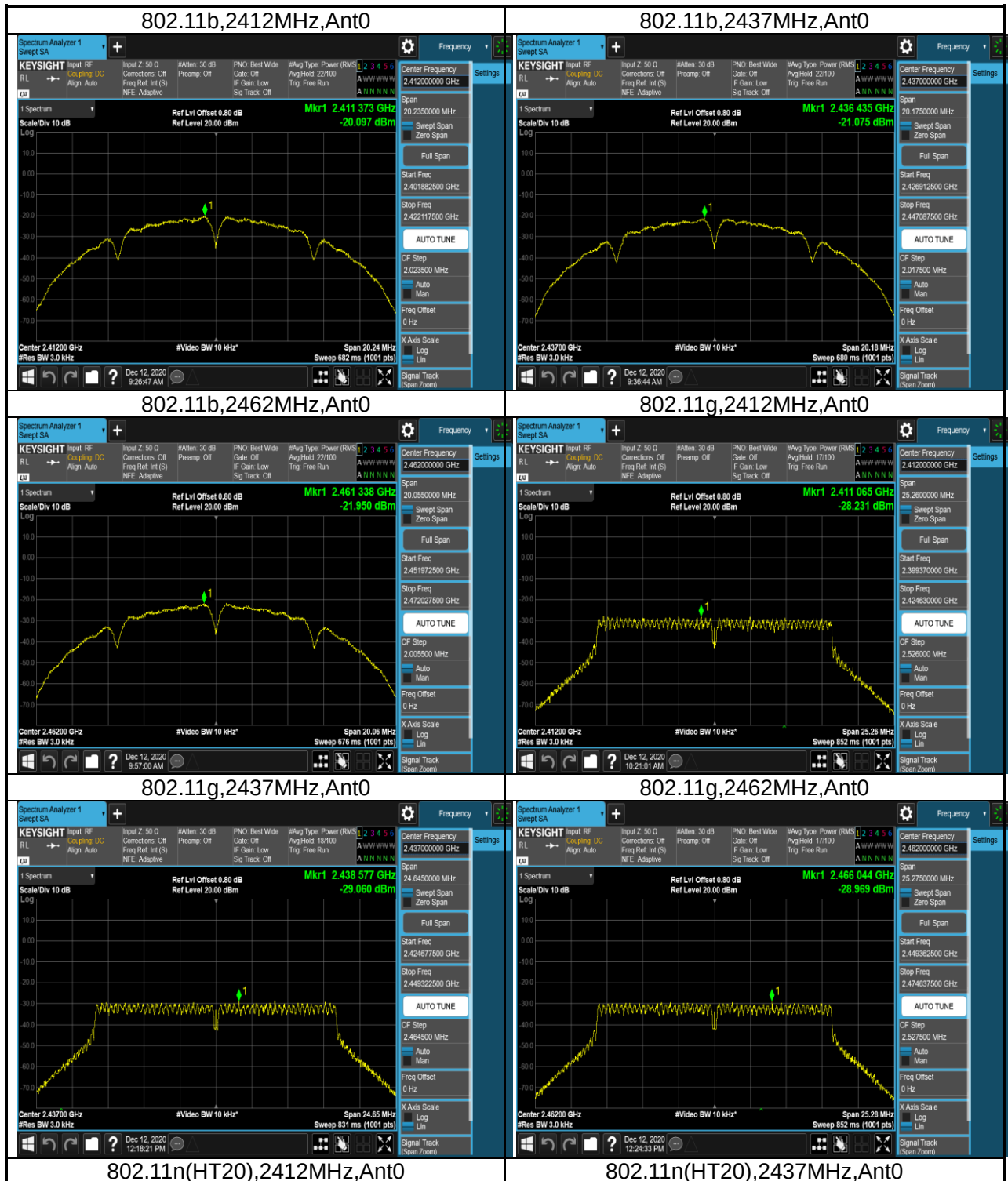
TEST REPORT

5. Power spectrum density

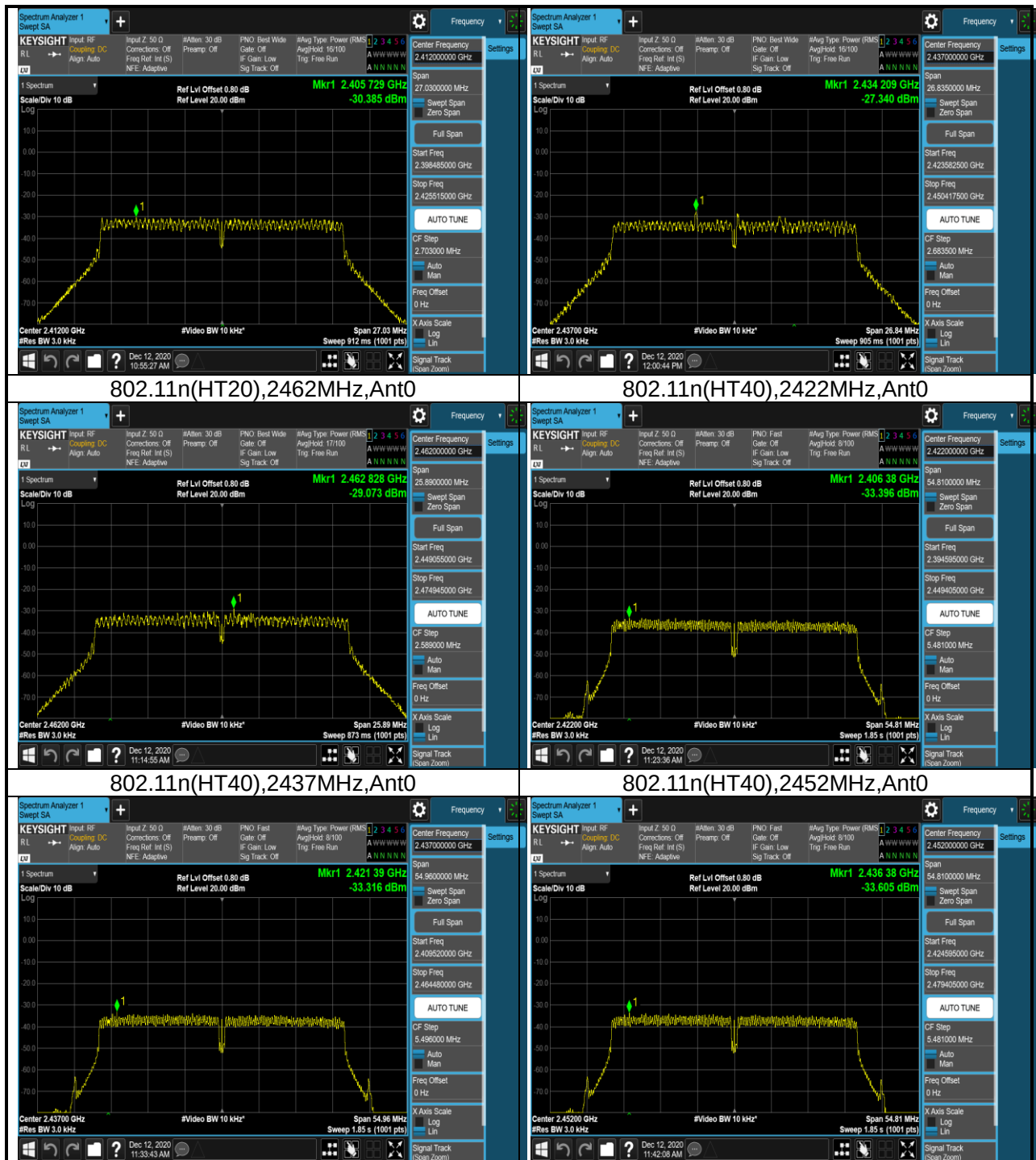
5.1 Test Data

WLAN AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11b	2412	Ant0	0.00	-20.097	3	8	Pass
802.11b	2437	Ant0	0.12	-20.955	3	8	Pass
802.11b	2462	Ant0	0.11	-21.840	3	8	Pass
802.11g	2412	Ant0	0.35	-27.876	3	8	Pass
802.11g	2437	Ant0	0.15	-28.910	3	8	Pass
802.11g	2462	Ant0	0.90	-28.069	3	8	Pass
802.11n (HT20)	2412	Ant0	0.86	-29.442	3	8	Pass
802.11n (HT20)	2437	Ant0	0.48	-27.040	3	8	Pass
802.11n (HT20)	2462	Ant0	0.09	-28.983	3	8	Pass
802.11n (HT40)	2422	Ant0	0.30	-33.096	3	8	Pass
802.11n (HT40)	2437	Ant0	0.15	-33.166	3	8	Pass
802.11n (HT40)	2452	Ant0	0.18	-33.425	3	8	Pass

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	3.22	Pass
802.11b	2412	Ant0	2	Band Edge	-47.81	Pass
802.11b	2412	Ant0	3	30MHz~2310MHz	-55.36	Pass
802.11b	2412	Ant0	4	2500MHz~5000MHz	-52.99	Pass
802.11b	2412	Ant0	5	5000MHz~15000MHz	-54.10	Pass
802.11b	2412	Ant0	6	15000MHz~25000MHz	-50.98	Pass
802.11b	2437	Ant0	1	Reference Level	2.38	Pass
802.11b	2437	Ant0	2	Band Edge	-55.38	Pass
802.11b	2437	Ant0	3	30MHz~2310MHz	-54.63	Pass
802.11b	2437	Ant0	4	2500MHz~5000MHz	-39.86	Pass
802.11b	2437	Ant0	5	5000MHz~15000MHz	-53.28	Pass
802.11b	2437	Ant0	6	15000MHz~25000MHz	-50.65	Pass
802.11b	2462	Ant0	1	Reference Level	1.86	Pass
802.11b	2462	Ant0	2	Band Edge	-54.97	Pass
802.11b	2462	Ant0	3	30MHz~2310MHz	-54.49	Pass
802.11b	2462	Ant0	4	2500MHz~5000MHz	-41.33	Pass
802.11b	2462	Ant0	5	5000MHz~15000MHz	-54.32	Pass
802.11b	2462	Ant0	6	15000MHz~25000MHz	-50.65	Pass
802.11g	2412	Ant0	1	Reference Level	-4.49	Pass
802.11g	2412	Ant0	2	Band Edge	-44.01	Pass
802.11g	2412	Ant0	3	30MHz~2310MHz	-54.94	Pass
802.11g	2412	Ant0	4	2500MHz~5000MHz	-52.86	Pass
802.11g	2412	Ant0	5	5000MHz~15000MHz	-53.53	Pass
802.11g	2412	Ant0	6	15000MHz~25000MHz	-50.73	Pass
802.11g	2437	Ant0	1	Reference Level	1.03	Pass

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802.11g	2437	Ant0	2	Band Edge	-56.38	Pass
802.11g	2437	Ant0	3	30MHz~2310MHz	-55.99	Pass
802.11g	2437	Ant0	4	2500MHz~5000MHz	-40.44	Pass
802.11g	2437	Ant0	5	5000MHz~15000MHz	-53.49	Pass
802.11g	2437	Ant0	6	15000MHz~25000MHz	-50.62	Pass
802.11g	2462	Ant0	1	Reference Level	-5.75	Pass
802.11g	2462	Ant0	2	Band Edge	-55.76	Pass
802.11g	2462	Ant0	3	30MHz~2310MHz	-54.32	Pass
802.11g	2462	Ant0	4	2500MHz~5000MHz	-54.13	Pass
802.11g	2462	Ant0	5	5000MHz~15000MHz	-53.48	Pass
802.11g	2462	Ant0	6	15000MHz~25000MHz	-50.77	Pass
802.11n (HT20)	2412	Ant0	1	Reference Level	-6.38	Pass
802.11n (HT20)	2412	Ant0	2	Band Edge	-45.60	Pass
802.11n (HT20)	2412	Ant0	3	30MHz~2310MHz	-46.50	Pass
802.11n (HT20)	2412	Ant0	4	2500MHz~5000MHz	-54.09	Pass
802.11n (HT20)	2412	Ant0	5	5000MHz~15000MHz	-54.12	Pass
802.11n (HT20)	2412	Ant0	6	15000MHz~25000MHz	-50.38	Pass
802.11n (HT20)	2437	Ant0	1	Reference Level	-7.64	Pass
802.11n (HT20)	2437	Ant0	2	Band Edge	-55.58	Pass
802.11n (HT20)	2437	Ant0	3	30MHz~2310MHz	-51.49	Pass
802.11n (HT20)	2437	Ant0	4	2500MHz~5000MHz	-54.01	Pass
802.11n (HT20)	2437	Ant0	5	5000MHz~15000MHz	-53.83	Pass
802.11n (HT20)	2437	Ant0	6	15000MHz~25000MHz	-50.14	Pass
802.11n (HT20)	2462	Ant0	1	Reference Level	0.38	Pass
802.11n (HT20)	2462	Ant0	2	Band Edge	-57.08	Pass
802.11n (HT20)	2462	Ant0	3	30MHz~2310MHz	-55.35	Pass
802.11n (HT20)	2462	Ant0	4	2500MHz~5000MHz	-54.83	Pass
802.11n (HT20)	2462	Ant0	5	5000MHz~15000MHz	-53.78	Pass
802.11n (HT20)	2462	Ant0	6	15000MHz~25000MHz	-50.46	Pass

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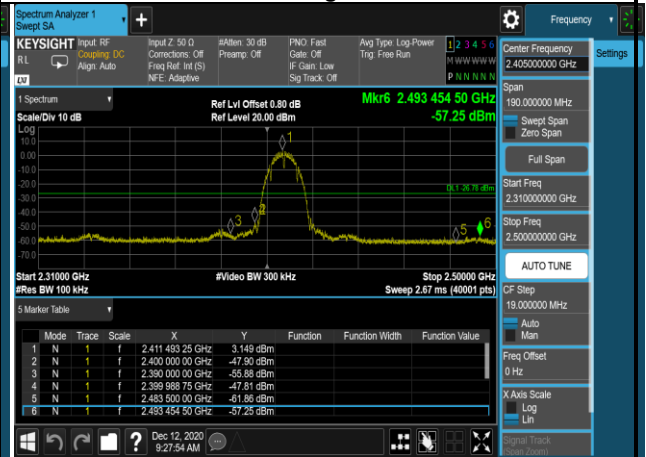
802.11n (HT40)	2422	Ant0	1	Reference Level	-9.81	Pass
802.11n (HT40)	2422	Ant0	2	Band Edge	-44.62	Pass
802.11n (HT40)	2422	Ant0	3	30MHz~2310MHz	-55.98	Pass
802.11n (HT40)	2422	Ant0	4	2500MHz~5000MHz	-54.22	Pass
802.11n (HT40)	2422	Ant0	5	5000MHz~15000MHz	-53.82	Pass
802.11n (HT40)	2422	Ant0	6	15000MHz~25000MHz	-50.53	Pass
802.11n (HT40)	2437	Ant0	1	Reference Level	-10.48	Pass
802.11n (HT40)	2437	Ant0	2	Band Edge	-56.85	Pass
802.11n (HT40)	2437	Ant0	3	30MHz~2310MHz	-52.98	Pass
802.11n (HT40)	2437	Ant0	4	2500MHz~5000MHz	-53.88	Pass
802.11n (HT40)	2437	Ant0	5	5000MHz~15000MHz	-53.72	Pass
802.11n (HT40)	2437	Ant0	6	15000MHz~25000MHz	-50.45	Pass
802.11n (HT40)	2452	Ant0	1	Reference Level	-10.45	Pass
802.11n (HT40)	2452	Ant0	2	Band Edge	-56.94	Pass
802.11n (HT40)	2452	Ant0	3	30MHz~2310MHz	-52.37	Pass
802.11n (HT40)	2452	Ant0	4	2500MHz~5000MHz	-54.34	Pass
802.11n (HT40)	2452	Ant0	5	5000MHz~15000MHz	-53.18	Pass
802.11n (HT40)	2452	Ant0	6	15000MHz~25000MHz	-50.10	Pass

9.2 Test Plots

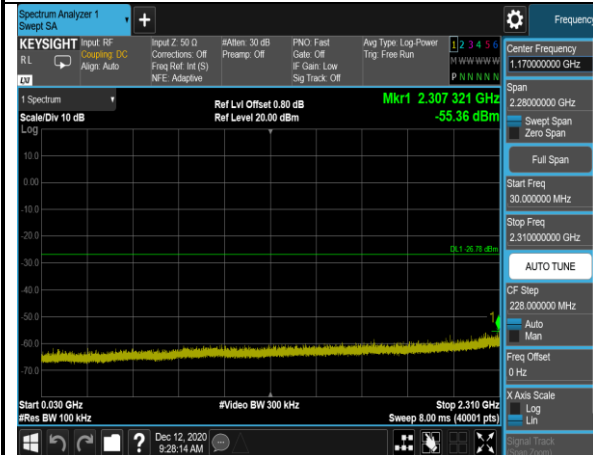
802.11b,2412MHz,Ant0,Plot 1,Reference Level



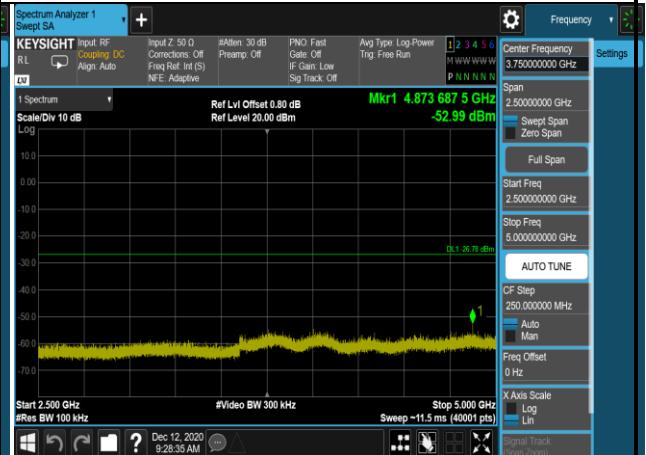
802.11b,2412MHz,Ant0,Plot 2,Band Edge



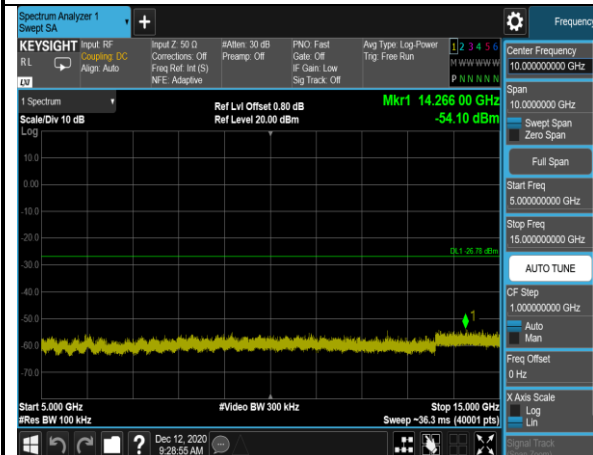
802.11b,2412MHz,Ant0,Plot 3,30MHz~2310MHz



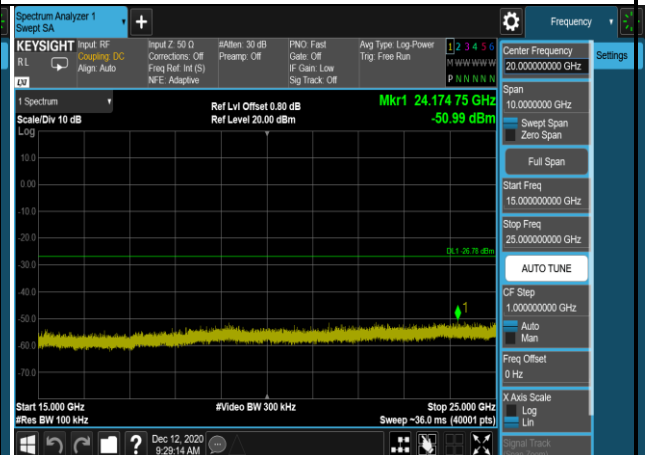
802.11b,2412MHz,Ant0,Plot 4,2500MHz~5000MHz



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



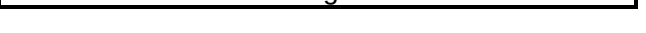
802.11b,2412MHz,Ant0,Plot 6,15000MHz~25000MHz



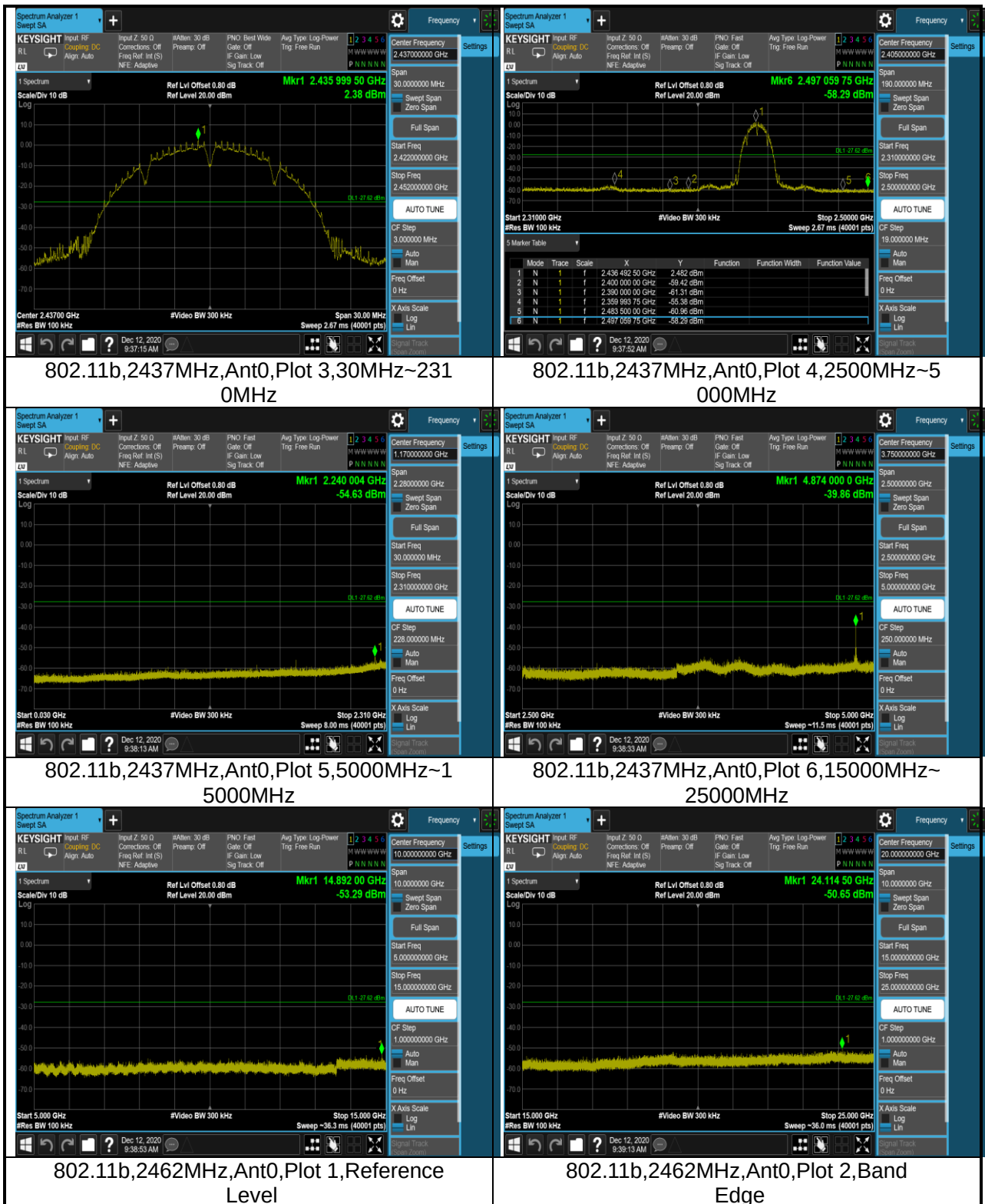
802.11b,2437MHz,Ant0,Plot 1,Reference Level



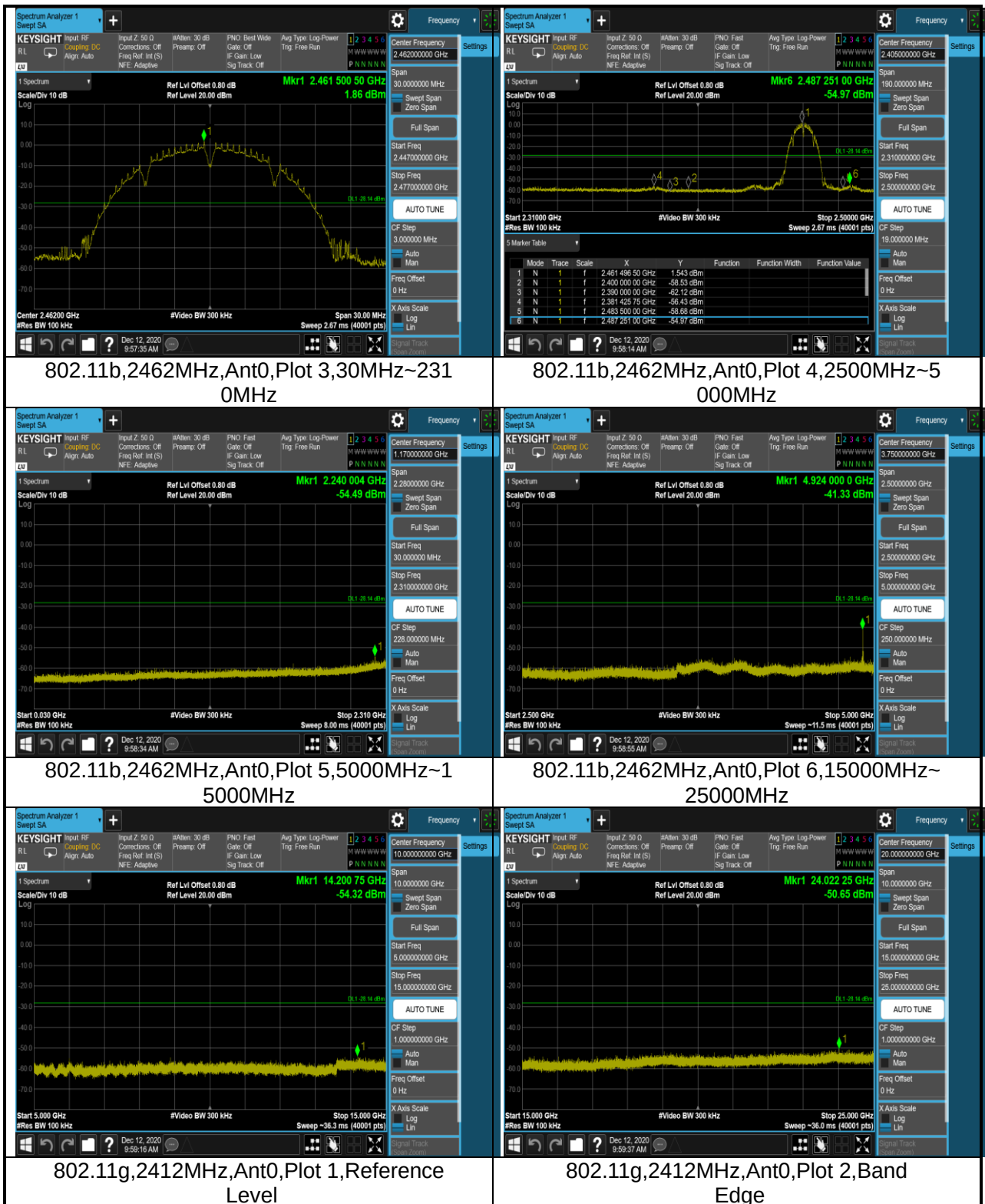
802.11b,2437MHz,Ant0,Plot 2,Band Edge



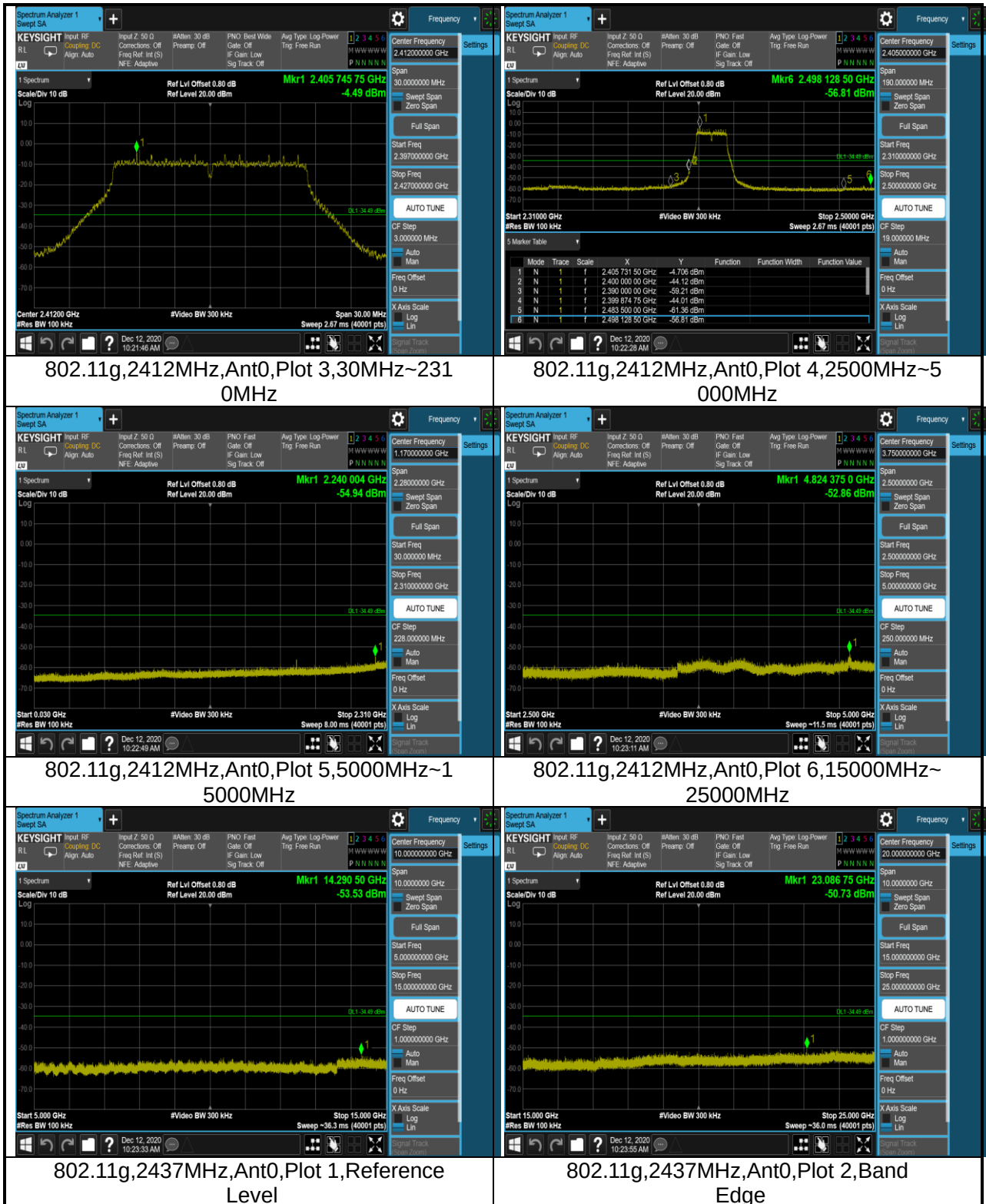
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802.11g,2412MHz,Ant0,Plot 3,30MHz~2310MHz

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

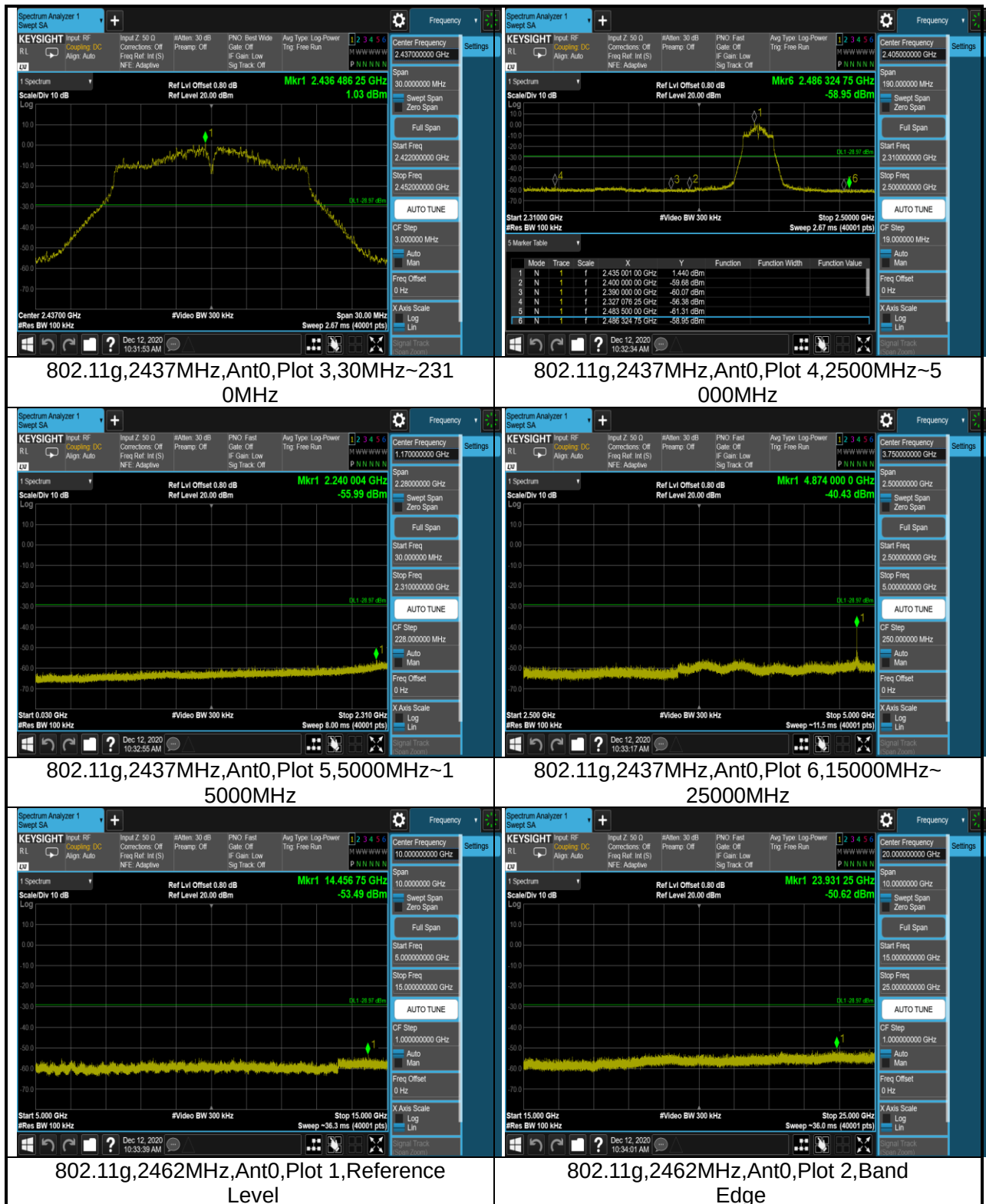
802.11g,2412MHz,Ant0,Plot 5,5000MHz~15000MHz

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

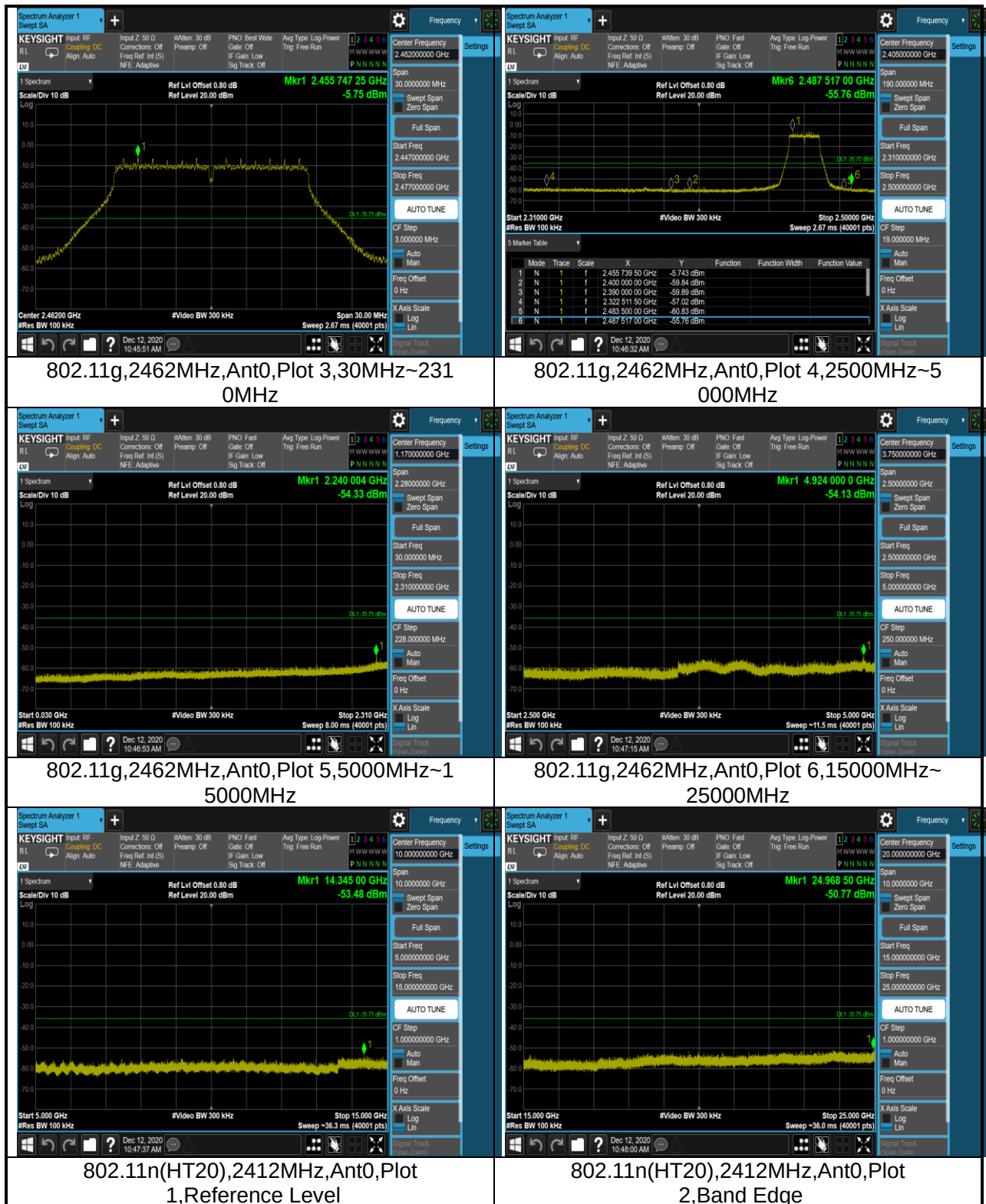
802.11g,2437MHz,Ant0,Plot 1,Reference Level

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

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