

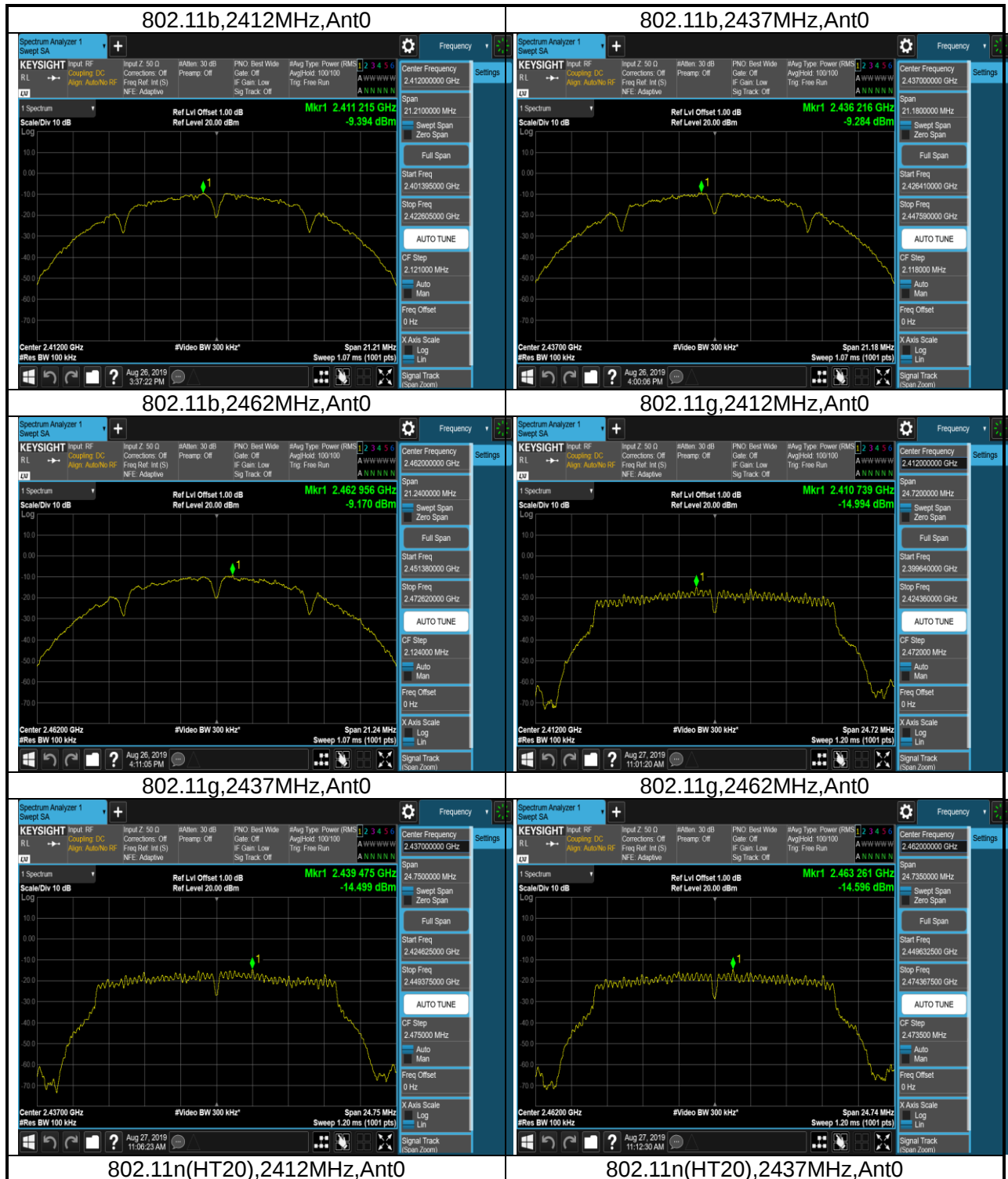
TEST REPORT

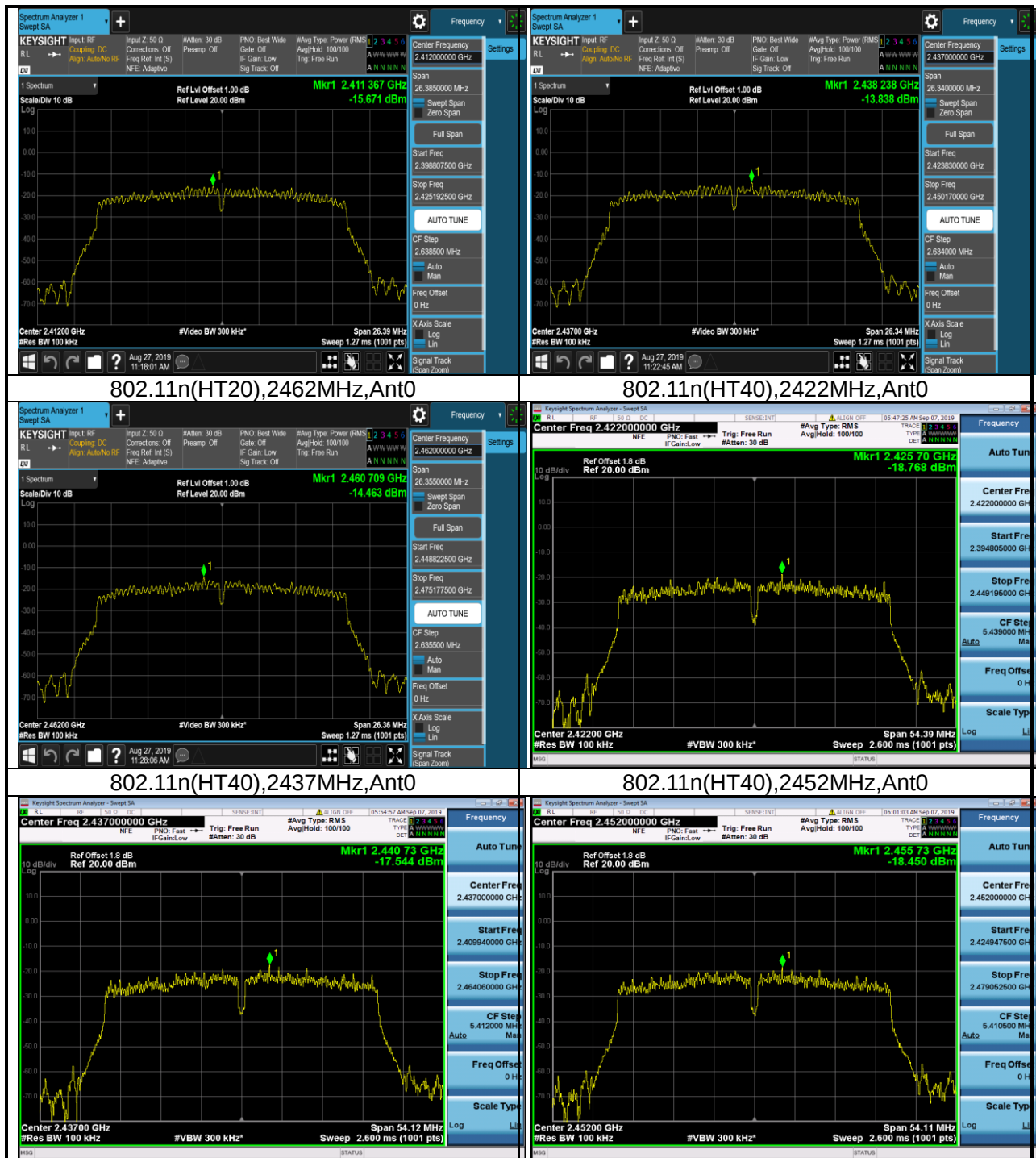
5. Power spectrum density

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	0.10	-9.294	100	8	Pass
802.11b	2437	Ant0	0.00	-9.284	100	8	Pass
802.11b	2462	Ant0	0.10	-9.070	100	8	Pass
802.11g	2412	Ant0	3.38	-11.614	100	8	Pass
802.11g	2437	Ant0	2.47	-12.029	100	8	Pass
802.11g	2462	Ant0	3.14	-11.456	100	8	Pass
802.11n (HT20)	2412	Ant0	2.11	-13.561	100	8	Pass
802.11n (HT20)	2437	Ant0	3.40	-10.438	100	8	Pass
802.11n (HT20)	2462	Ant0	3.40	-11.063	100	8	Pass
802.11n (HT40)	2422	Ant0	4.57	-14.198	100	8	Pass
802.11n (HT40)	2437	Ant0	2.94	-14.604	100	8	Pass
802.11n (HT40)	2452	Ant0	3.49	-14.960	100	8	Pass

5.2 Test Plots





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	-2.29	Pass
802.11b	2412	Ant0	2	Band Edge	-50.03	Pass
802.11b	2412	Ant0	3	30MHz~2310MHz	-56.18	Pass
802.11b	2412	Ant0	4	2500MHz~5000MHz	-55.17	Pass
802.11b	2412	Ant0	5	5000MHz~25000MHz	-41.20	Pass
802.11b	2437	Ant0	1	Reference Level	-1.40	Pass
802.11b	2437	Ant0	2	Band Edge	-57.31	Pass
802.11b	2437	Ant0	3	30MHz~2310MHz	-56.06	Pass
802.11b	2437	Ant0	4	2500MHz~5000MHz	-54.33	Pass
802.11b	2437	Ant0	5	5000MHz~25000MHz	-41.36	Pass
802.11b	2462	Ant0	1	Reference Level	-0.96	Pass
802.11b	2462	Ant0	2	Band Edge	-56.79	Pass
802.11b	2462	Ant0	3	30MHz~2310MHz	-56.42	Pass
802.11b	2462	Ant0	4	2500MHz~5000MHz	-55.12	Pass
802.11b	2462	Ant0	5	5000MHz~25000MHz	-41.90	Pass
802.11g	2412	Ant0	1	Reference Level	-5.26	Pass
802.11g	2412	Ant0	2	Band Edge	-50.47	Pass
802.11g	2412	Ant0	3	30MHz~2310MHz	-54.31	Pass
802.11g	2412	Ant0	4	2500MHz~5000MHz	-54.54	Pass
802.11g	2412	Ant0	5	5000MHz~25000MHz	-41.96	Pass
802.11g	2437	Ant0	1	Reference Level	-4.57	Pass
802.11g	2437	Ant0	2	Band Edge	-54.15	Pass
802.11g	2437	Ant0	3	30MHz~2310MHz	-56.40	Pass
802.11g	2437	Ant0	4	2500MHz~5000MHz	-53.83	Pass
802.11g	2437	Ant0	5	5000MHz~25000MHz	-42.21	Pass
802.11g	2462	Ant0	1	Reference Level	-4.75	Pass

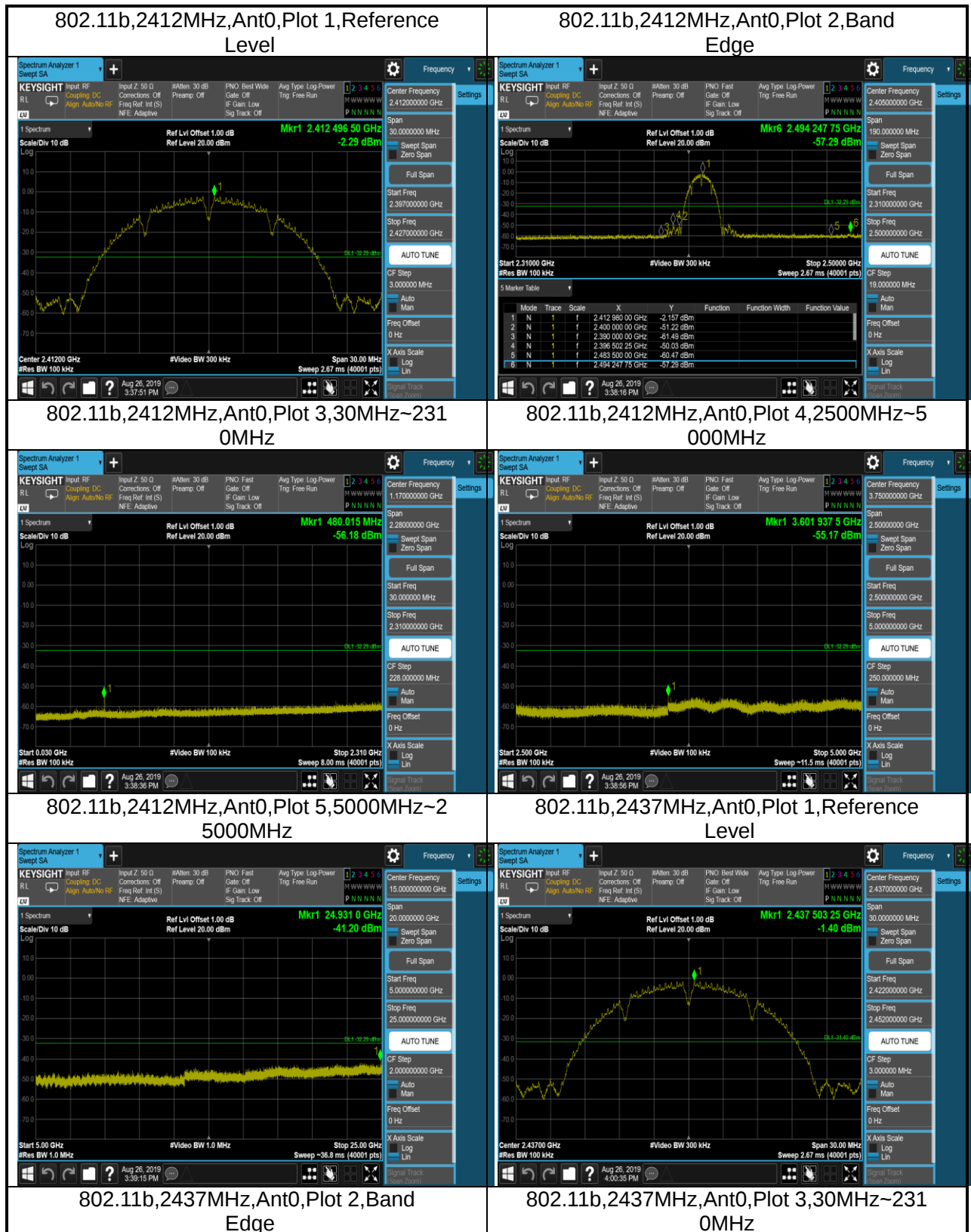
TEST REPORT

802.11g	2462	Ant0	2	Band Edge	-54.20	Pass
802.11g	2462	Ant0	3	30MHz~2310MHz	-55.93	Pass
802.11g	2462	Ant0	4	2500MHz~5000MHz	-54.68	Pass
802.11g	2462	Ant0	5	5000MHz~25000MHz	-41.02	Pass
802.11n (HT20)	2412	Ant0	1	Reference Level	-4.86	Pass
802.11n (HT20)	2412	Ant0	2	Band Edge	-50.52	Pass
802.11n (HT20)	2412	Ant0	3	30MHz~2310MHz	-53.51	Pass
802.11n (HT20)	2412	Ant0	4	2500MHz~5000MHz	-54.31	Pass
802.11n (HT20)	2412	Ant0	5	5000MHz~25000MHz	-41.66	Pass
802.11n (HT20)	2437	Ant0	1	Reference Level	-4.26	Pass
802.11n (HT20)	2437	Ant0	2	Band Edge	-55.14	Pass
802.11n (HT20)	2437	Ant0	3	30MHz~2310MHz	-54.30	Pass
802.11n (HT20)	2437	Ant0	4	2500MHz~5000MHz	-54.92	Pass
802.11n (HT20)	2437	Ant0	5	5000MHz~25000MHz	-41.50	Pass
802.11n (HT20)	2462	Ant0	1	Reference Level	-4.69	Pass
802.11n (HT20)	2462	Ant0	2	Band Edge	-54.42	Pass
802.11n (HT20)	2462	Ant0	3	30MHz~2310MHz	-54.08	Pass
802.11n (HT20)	2462	Ant0	4	2500MHz~5000MHz	-54.67	Pass
802.11n (HT20)	2462	Ant0	5	5000MHz~25000MHz	-41.20	Pass
802.11n (HT40)	2422	Ant0	1	Reference Level	-8.51	Pass
802.11n (HT40)	2422	Ant0	2	Band Edge	-46.24	Pass
802.11n (HT40)	2422	Ant0	3	30MHz~2310MHz	-52.44	Pass
802.11n (HT40)	2422	Ant0	4	2500MHz~5000MHz	-52.29	Pass
802.11n (HT40)	2422	Ant0	5	5000MHz~25000MHz	-42.59	Pass
802.11n (HT40)	2437	Ant0	1	Reference Level	-7.54	Pass
802.11n (HT40)	2437	Ant0	2	Band Edge	-54.56	Pass
802.11n (HT40)	2437	Ant0	3	30MHz~2310MHz	-52.72	Pass

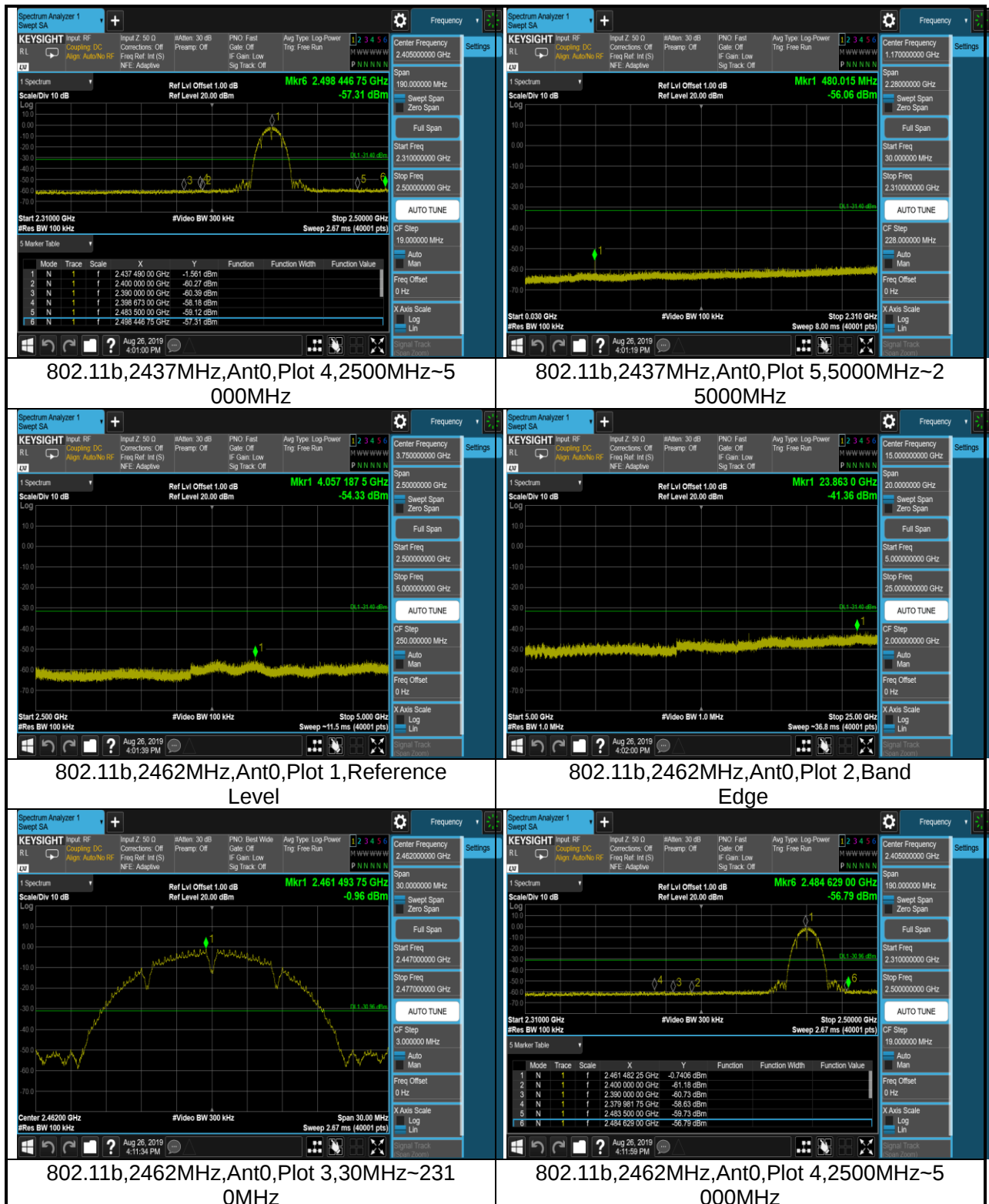
TEST REPORT

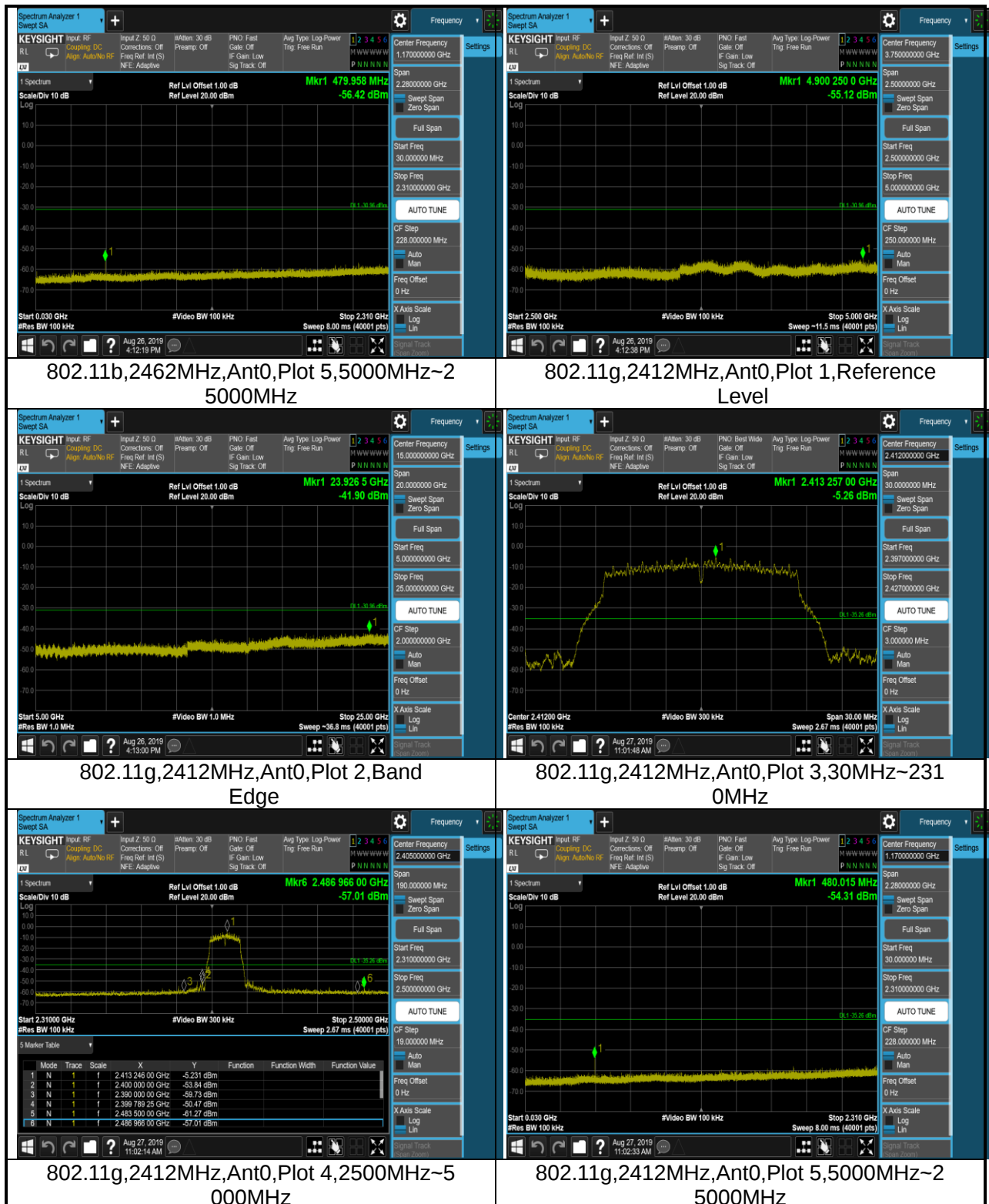
802.11n (HT40)	2437	Ant0	4	2500MHz~5000MHz	-52.60	Pass
802.11n (HT40)	2437	Ant0	5	5000MHz~25000MHz	-42.01	Pass
802.11n (HT40)	2452	Ant0	1	Reference Level	-7.45	Pass
802.11n (HT40)	2452	Ant0	2	Band Edge	-51.16	Pass
802.11n (HT40)	2452	Ant0	3	30MHz~2310MHz	-52.36	Pass
802.11n (HT40)	2452	Ant0	4	2500MHz~5000MHz	-52.99	Pass
802.11n (HT40)	2452	Ant0	5	5000MHz~25000MHz	-43.06	Pass

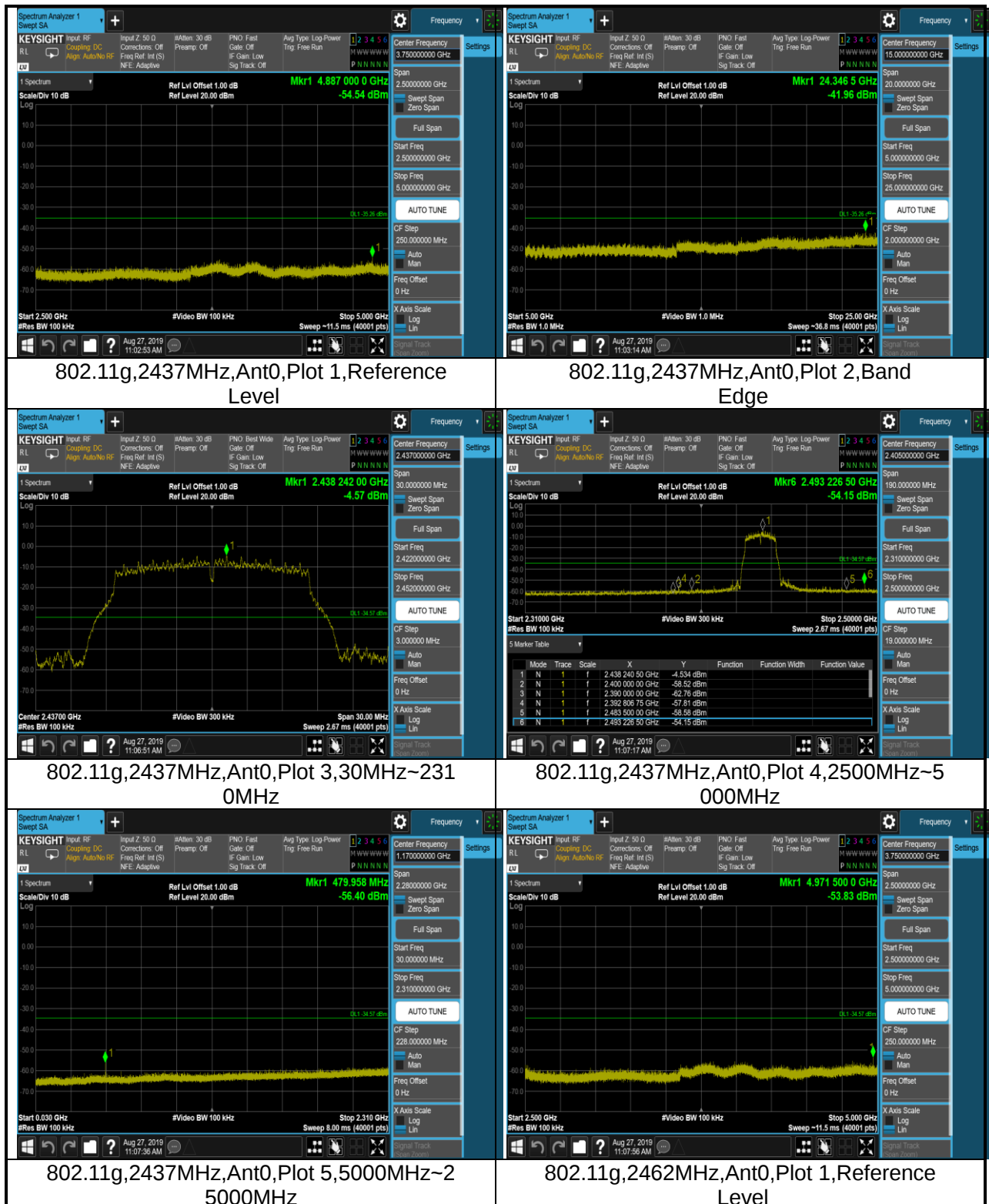
6.2 Test Plots

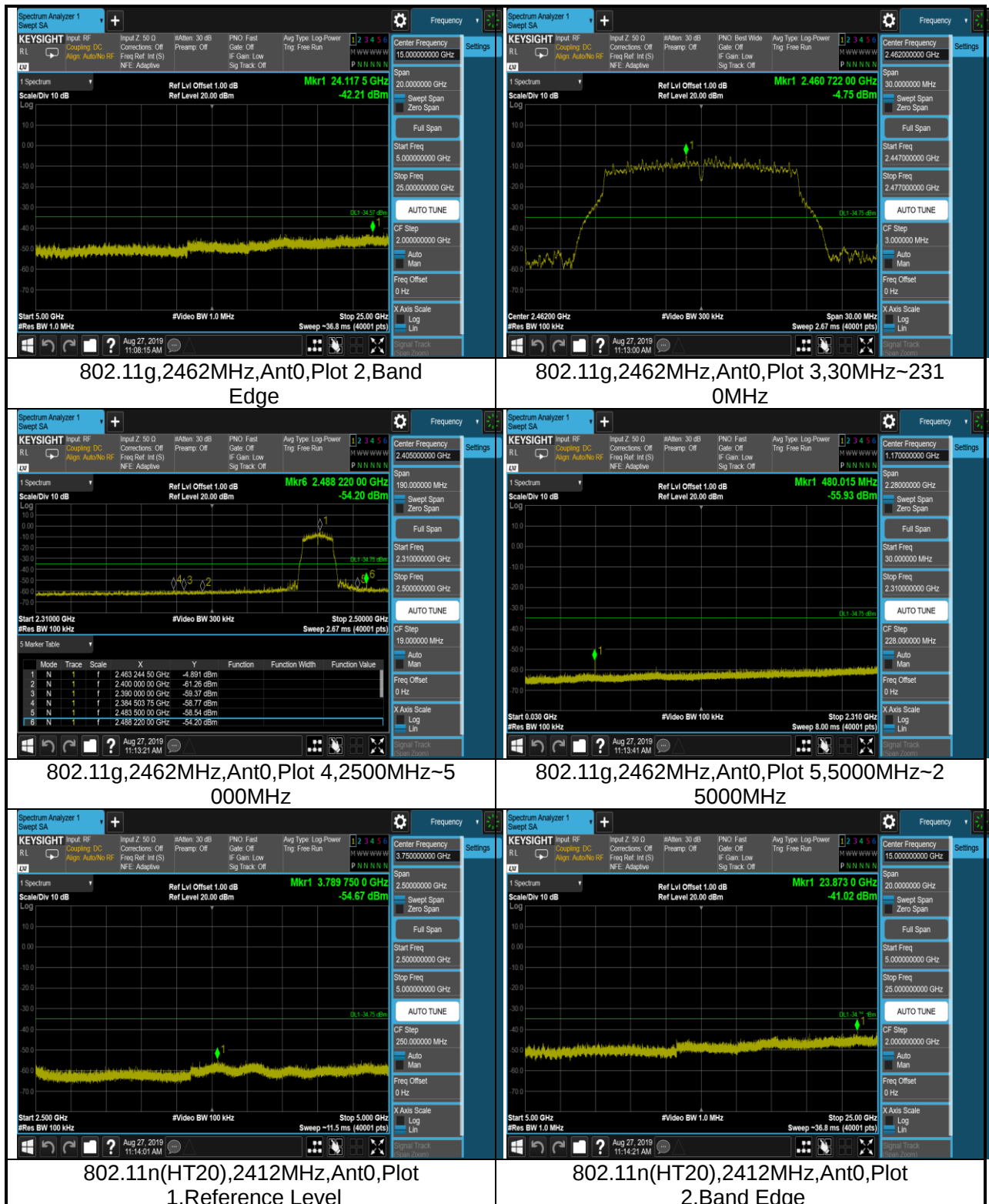


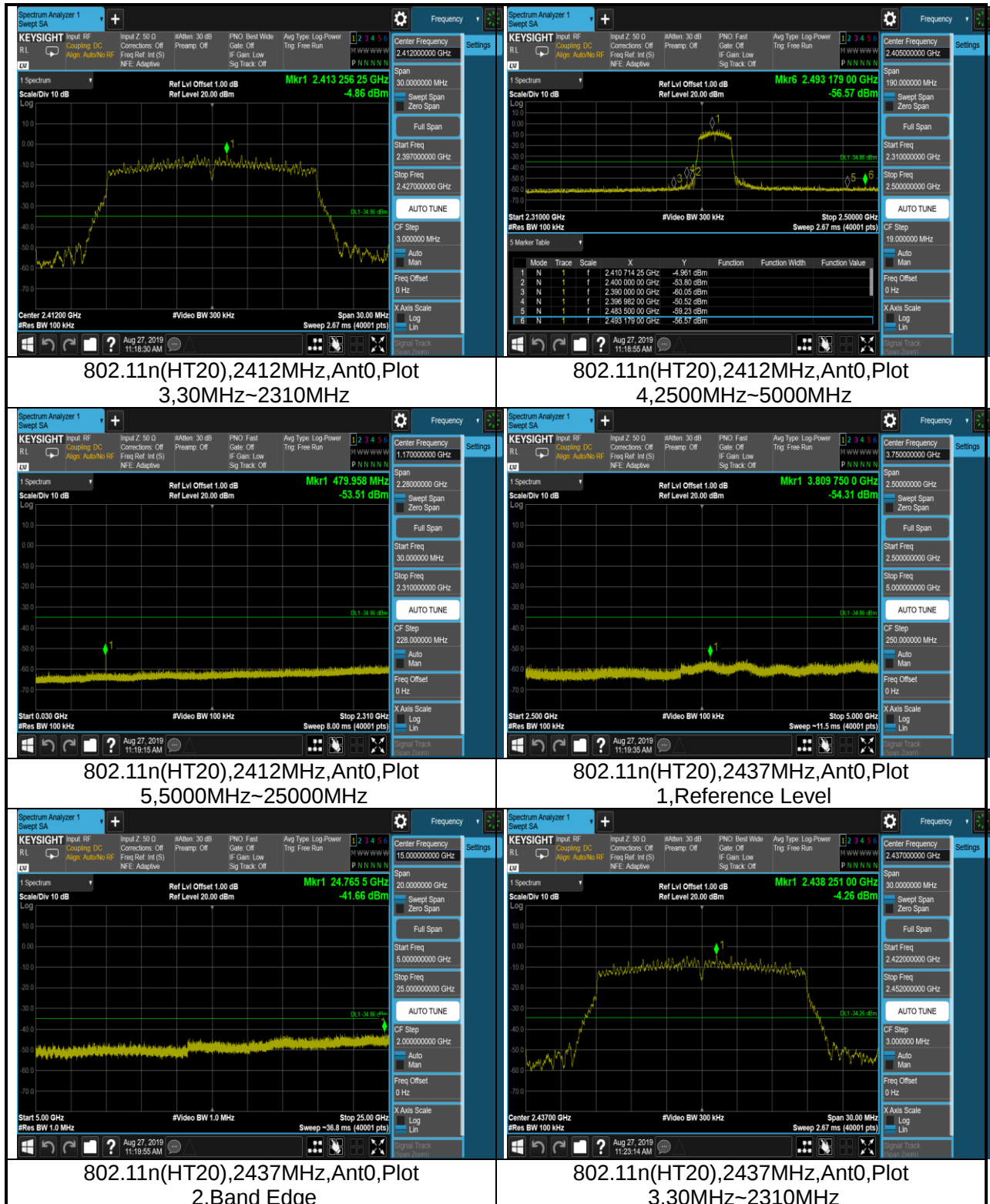
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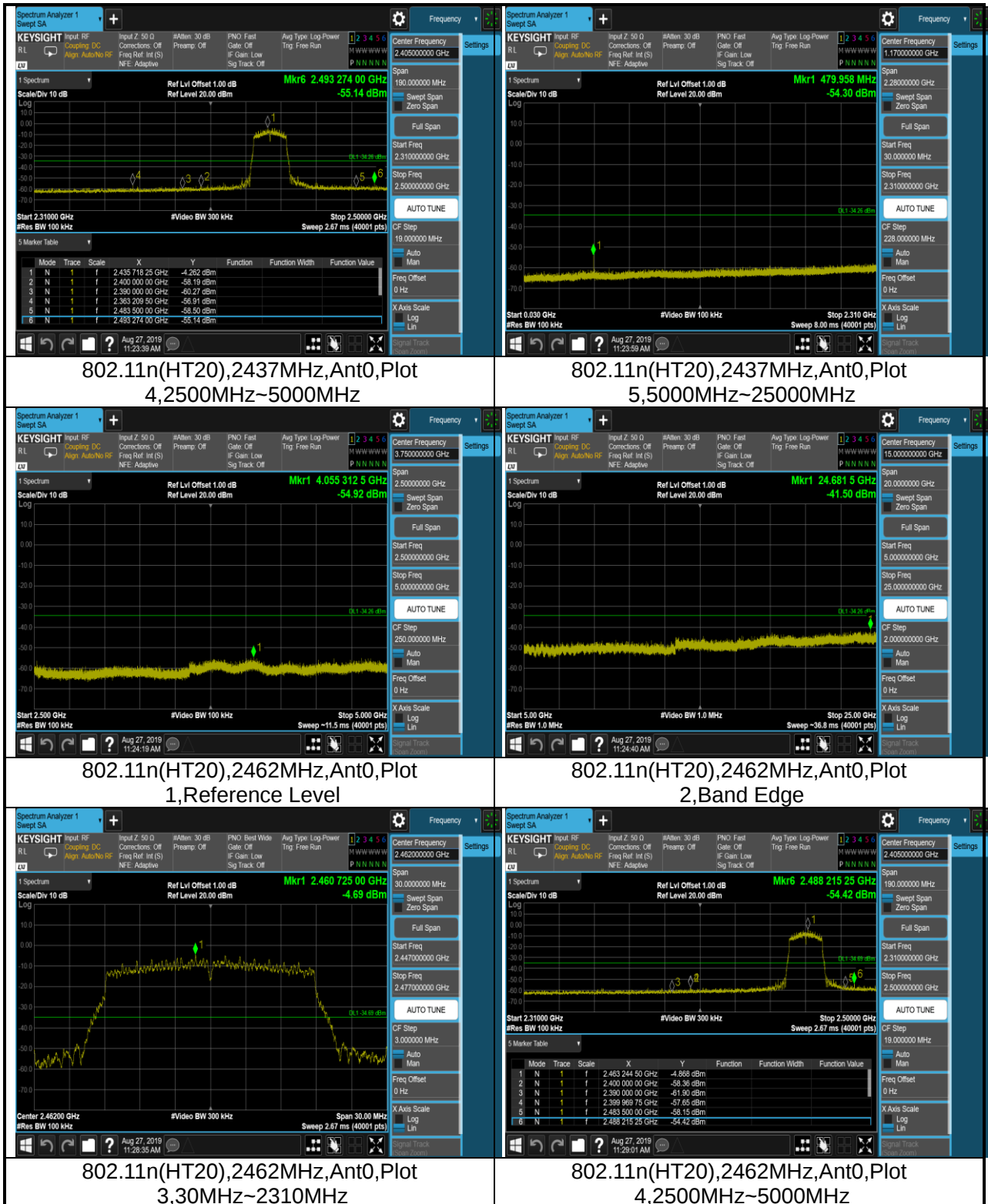


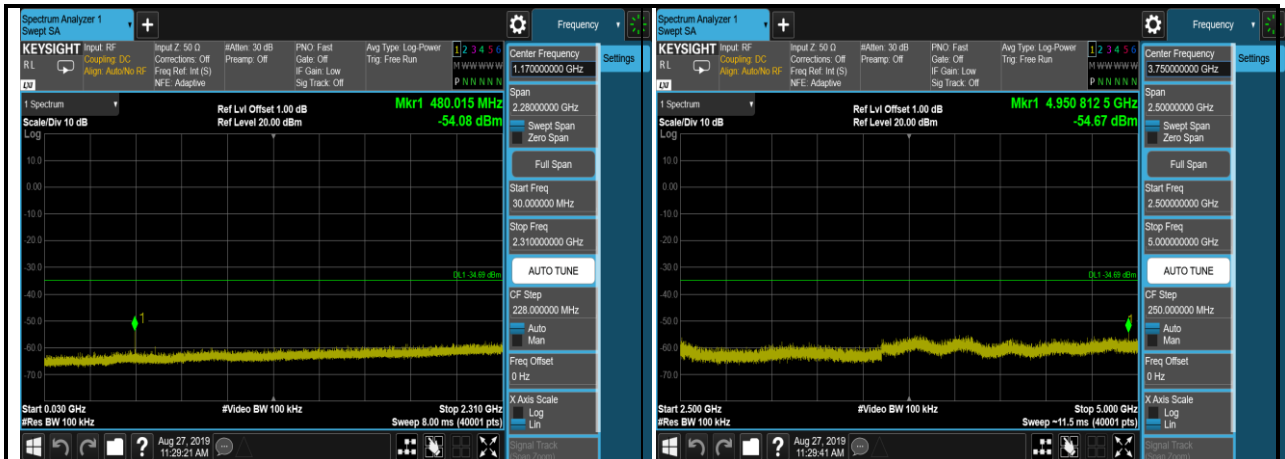






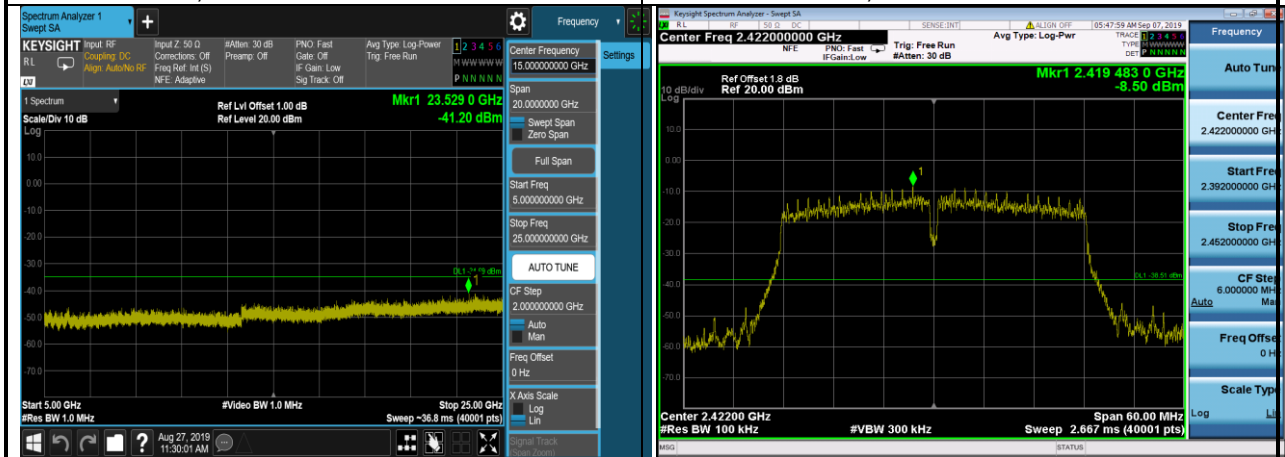






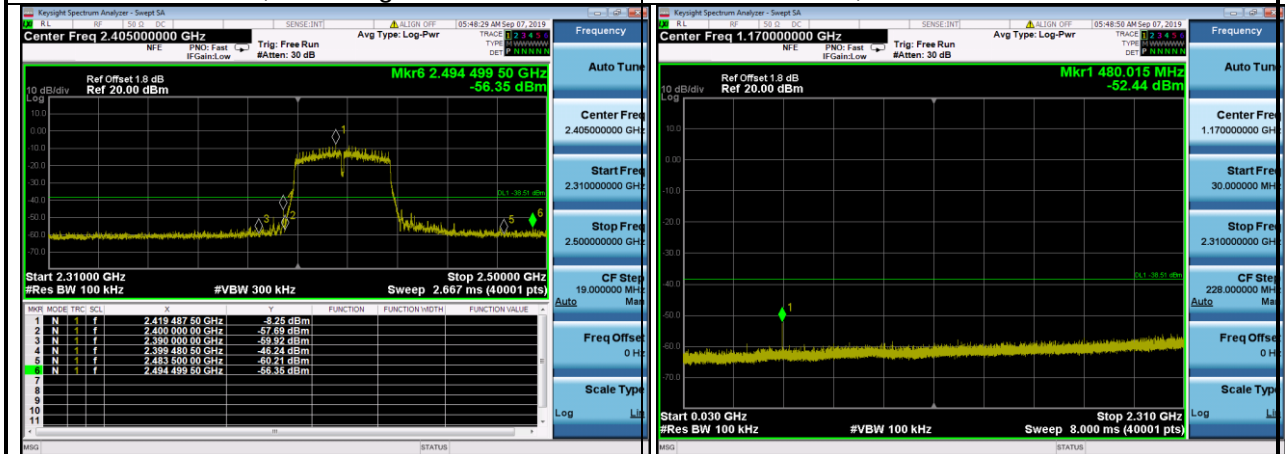
802.11n(HT20),2462MHz,Ant0,Plot
5,5000MHz~25000MHz

802.11n(HT40),2422MHz,Ant0,Plot
1,Reference Level



802.11n(HT40),2422MHz,Ant0,Plot
2,Band Edge

802.11n(HT40),2422MHz,Ant0,Plot
3,30MHz~2310MHz



802.11n(HT40),2422MHz,Ant0,Plot
4,2500MHz~5000MHz

802.11n(HT40),2422MHz,Ant0,Plot
5,5000MHz~25000MHz