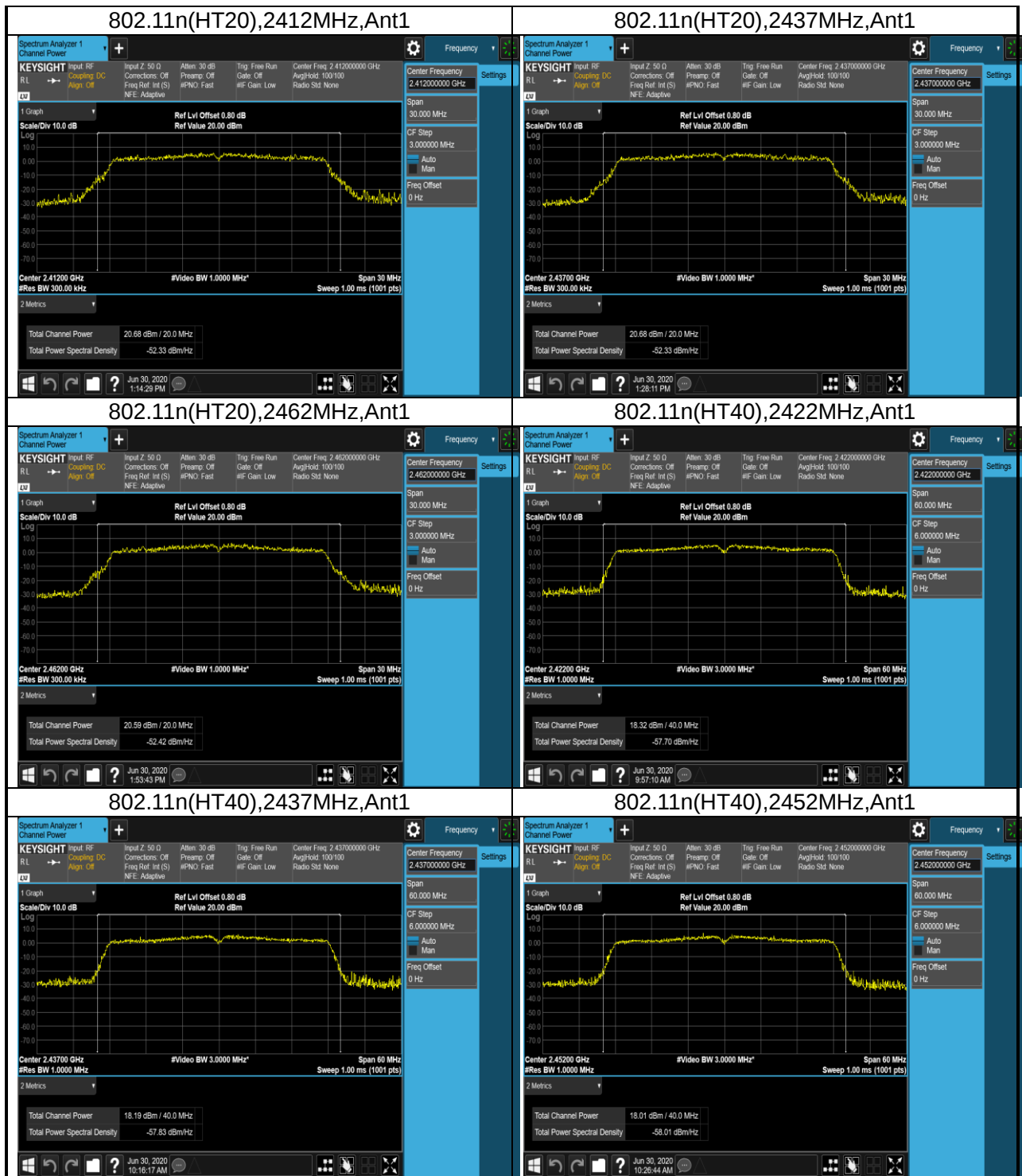




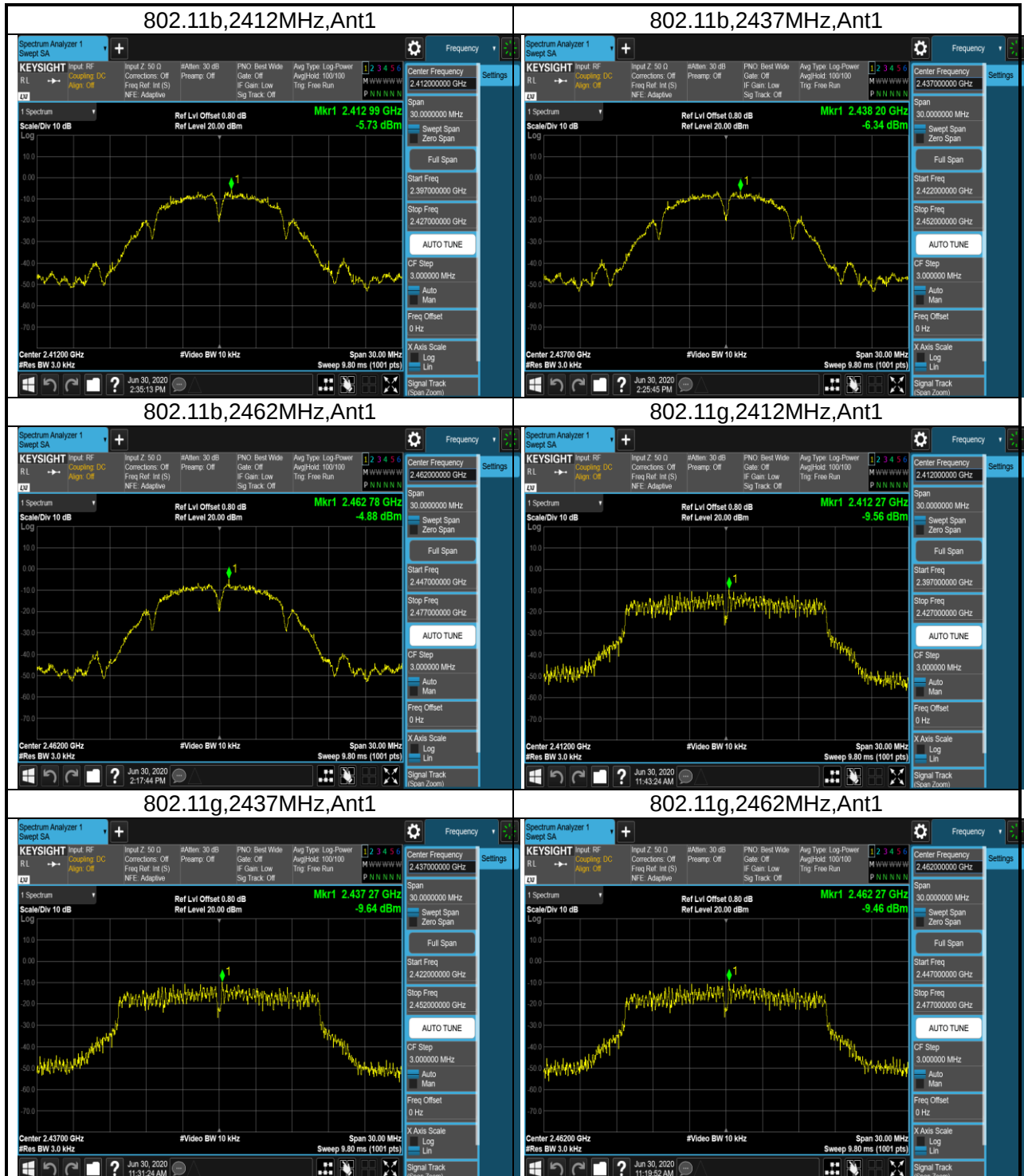
TEST REPORT

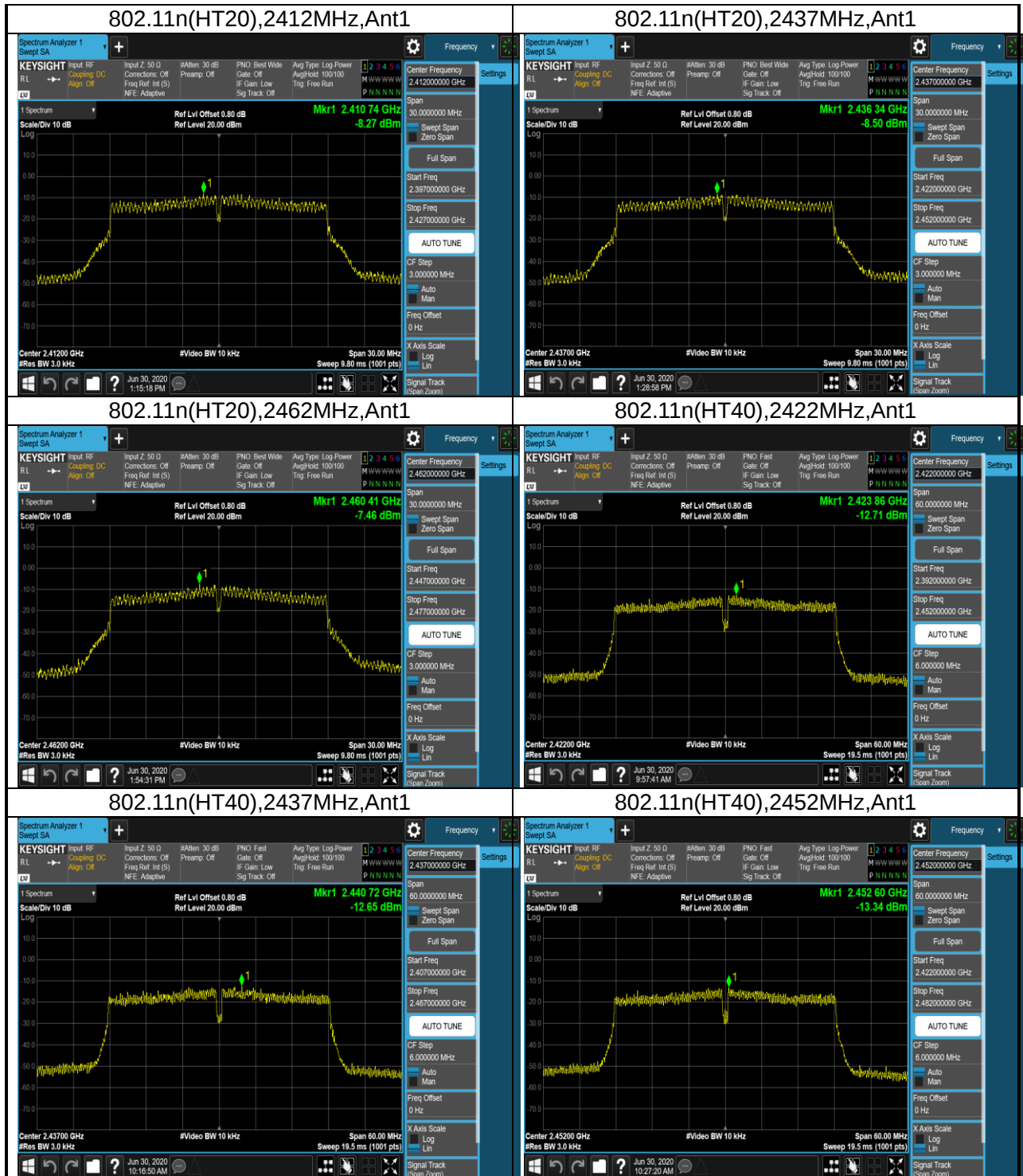
5. Power spectrum density

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	Ant1	0.00	-5.731	3	8	Pass
802.11b	2437	Ant1	0.00	-6.336	3	8	Pass
802.11b	2462	Ant1	0.00	-4.878	3	8	Pass
802.11g	2412	Ant1	1.58	-7.983	3	8	Pass
802.11g	2437	Ant1	1.46	-8.182	3	8	Pass
802.11g	2462	Ant1	1.46	-8.002	3	8	Pass
802.11n (HT20)	2412	Ant1	0.22	-8.049	3	8	Pass
802.11n (HT20)	2437	Ant1	0.22	-8.283	3	8	Pass
802.11n (HT20)	2462	Ant1	0.22	-7.237	3	8	Pass
802.11n (HT40)	2422	Ant1	0.43	-12.280	3	8	Pass
802.11n (HT40)	2437	Ant1	0.43	-12.218	3	8	Pass
802.11n (HT40)	2452	Ant1	0.48	-12.858	3	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	Ant1	1	Reference Level	6.92	Pass
802.11b	2412	Ant1	2	Band Edge	-31.45	Pass
802.11b	2412	Ant1	3	30MHz~2310MHz	-55.99	Pass
802.11b	2412	Ant1	4	2500MHz~5000MHz	-55.34	Pass
802.11b	2412	Ant1	5	5000MHz~25000MHz	-41.77	Pass
802.11b	2437	Ant1	1	Reference Level	7.28	Pass
802.11b	2437	Ant1	2	Band Edge	-55.06	Pass
802.11b	2437	Ant1	3	30MHz~2310MHz	-56.72	Pass
802.11b	2437	Ant1	4	2500MHz~5000MHz	-54.86	Pass
802.11b	2437	Ant1	5	5000MHz~25000MHz	-42.07	Pass
802.11b	2462	Ant1	1	Reference Level	6.83	Pass
802.11b	2462	Ant1	2	Band Edge	-50.05	Pass
802.11b	2462	Ant1	3	30MHz~2310MHz	-56.91	Pass
802.11b	2462	Ant1	4	2500MHz~5000MHz	-54.88	Pass
802.11b	2462	Ant1	5	5000MHz~25000MHz	-41.27	Pass
802.11g	2412	Ant1	1	Reference Level	4.24	Pass
802.11g	2412	Ant1	2	Band Edge	-29.05	Pass
802.11g	2412	Ant1	3	30MHz~2310MHz	-56.44	Pass
802.11g	2412	Ant1	4	2500MHz~5000MHz	-55.22	Pass
802.11g	2412	Ant1	5	5000MHz~25000MHz	-41.84	Pass
802.11g	2437	Ant1	1	Reference Level	4.13	Pass
802.11g	2437	Ant1	2	Band Edge	-49.17	Pass
802.11g	2437	Ant1	3	30MHz~2310MHz	-57.29	Pass
802.11g	2437	Ant1	4	2500MHz~5000MHz	-54.84	Pass
802.11g	2437	Ant1	5	5000MHz~25000MHz	-42.04	Pass
802.11g	2462	Ant1	1	Reference Level	4.26	Pass
802.11g	2462	Ant1	2	Band Edge	-39.49	Pass

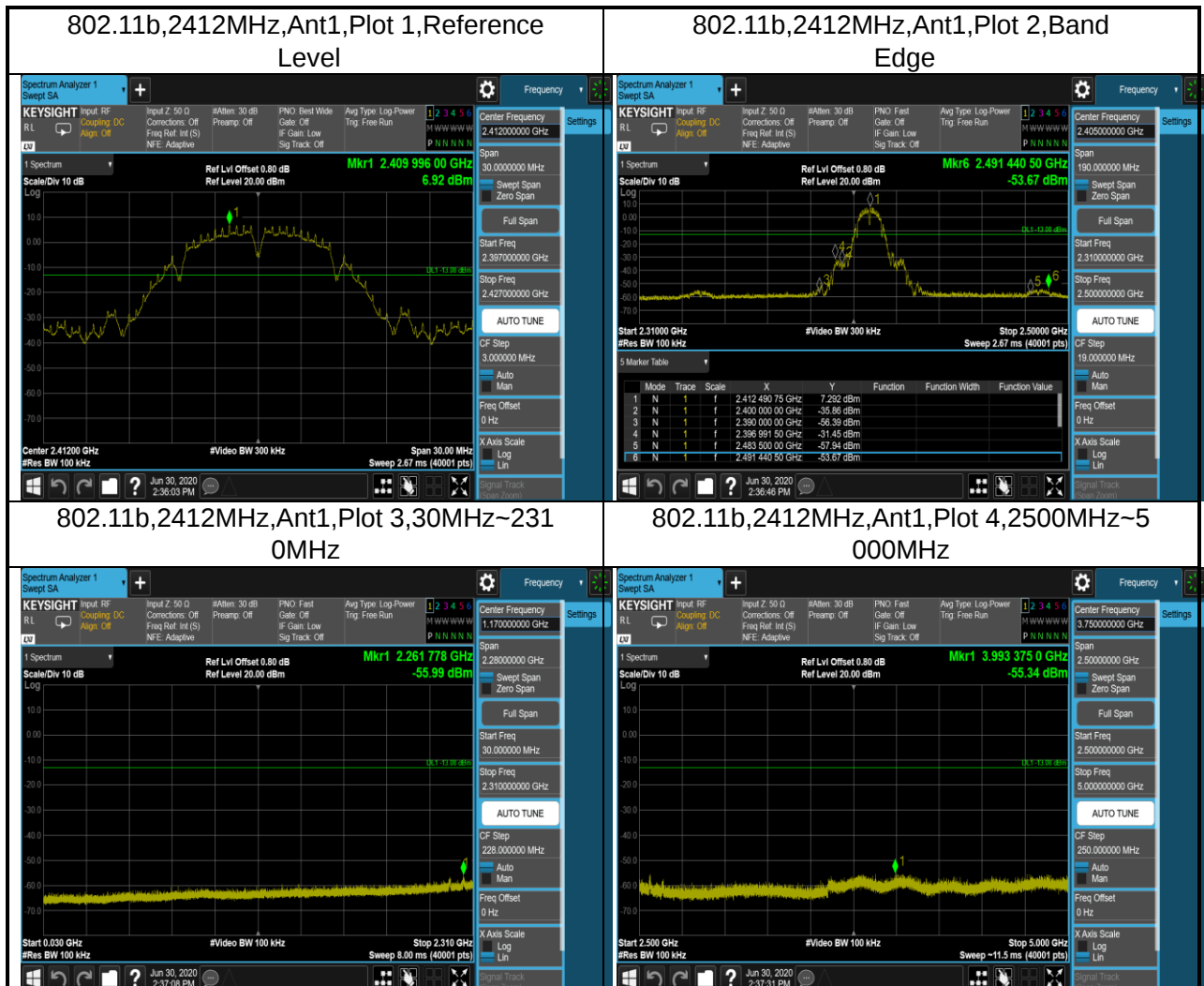
TEST REPORT

802.11g	2462	Ant1	3	30MHz~2310MHz	-57.60	Pass
802.11g	2462	Ant1	4	2500MHz~5000MHz	-53.91	Pass
802.11g	2462	Ant1	5	5000MHz~25000MHz	-41.40	Pass
802.11n (HT20)	2412	Ant1	1	Reference Level	4.30	Pass
802.11n (HT20)	2412	Ant1	2	Band Edge	-29.73	Pass
802.11n (HT20)	2412	Ant1	3	30MHz~2310MHz	-56.55	Pass
802.11n (HT20)	2412	Ant1	4	2500MHz~5000MHz	-55.30	Pass
802.11n (HT20)	2412	Ant1	5	5000MHz~25000MHz	-41.16	Pass
802.11n (HT20)	2437	Ant1	1	Reference Level	4.25	Pass
802.11n (HT20)	2437	Ant1	2	Band Edge	-51.30	Pass
802.11n (HT20)	2437	Ant1	3	30MHz~2310MHz	-56.79	Pass
802.11n (HT20)	2437	Ant1	4	2500MHz~5000MHz	-54.94	Pass
802.11n (HT20)	2437	Ant1	5	5000MHz~25000MHz	-42.12	Pass
802.11n (HT20)	2462	Ant1	1	Reference Level	4.16	Pass
802.11n (HT20)	2462	Ant1	2	Band Edge	-34.40	Pass
802.11n (HT20)	2462	Ant1	3	30MHz~2310MHz	-57.47	Pass
802.11n (HT20)	2462	Ant1	4	2500MHz~5000MHz	-54.71	Pass
802.11n (HT20)	2462	Ant1	5	5000MHz~25000MHz	-41.71	Pass
802.11n (HT40)	2422	Ant1	1	Reference Level	-0.12	Pass
802.11n (HT40)	2422	Ant1	2	Band Edge	-30.77	Pass
802.11n (HT40)	2422	Ant1	3	30MHz~2310MHz	-56.96	Pass
802.11n (HT40)	2422	Ant1	4	2500MHz~5000MHz	-54.56	Pass
802.11n (HT40)	2422	Ant1	5	5000MHz~25000MHz	-41.85	Pass
802.11n (HT40)	2437	Ant1	1	Reference Level	-0.22	Pass
802.11n (HT40)	2437	Ant1	2	Band Edge	-32.48	Pass
802.11n (HT40)	2437	Ant1	3	30MHz~2310MHz	-57.17	Pass

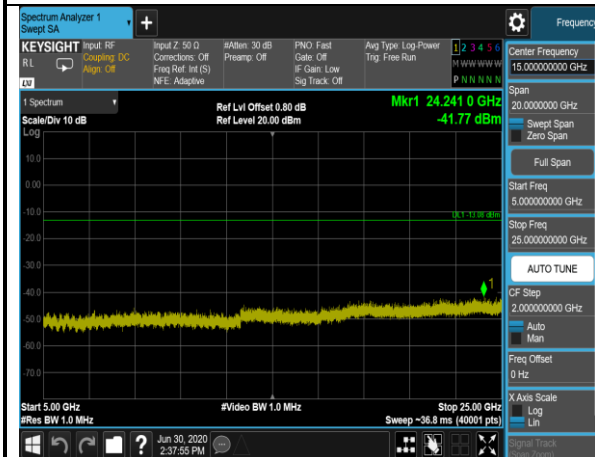
TEST REPORT

802.11n (HT40)	2437	Ant1	4	2500MHz~5000MHz	-53.00	Pass
802.11n (HT40)	2437	Ant1	5	5000MHz~25000MHz	-41.30	Pass
802.11n (HT40)	2452	Ant1	1	Reference Level	-0.59	Pass
802.11n (HT40)	2452	Ant1	2	Band Edge	-33.98	Pass
802.11n (HT40)	2452	Ant1	3	30MHz~2310MHz	-57.25	Pass
802.11n (HT40)	2452	Ant1	4	2500MHz~5000MHz	-49.33	Pass
802.11n (HT40)	2452	Ant1	5	5000MHz~25000MHz	-42.15	Pass

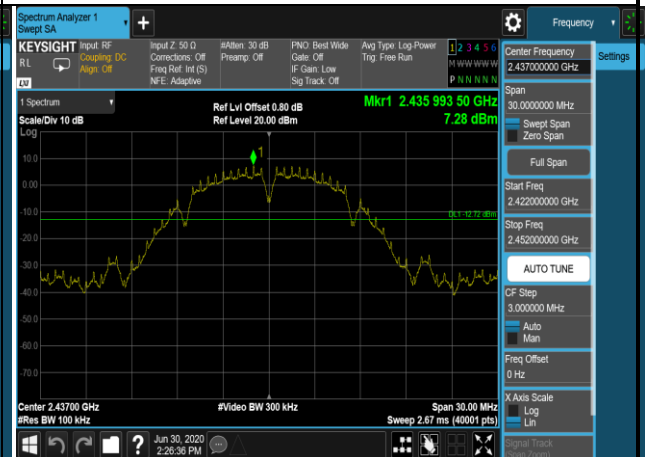
9.2 Test Plots



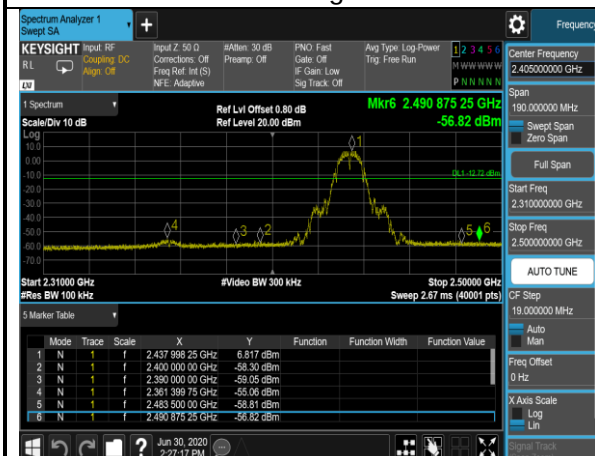
802.11b,2412MHz,Ant1,Plot 5,5000MHz~25000MHz



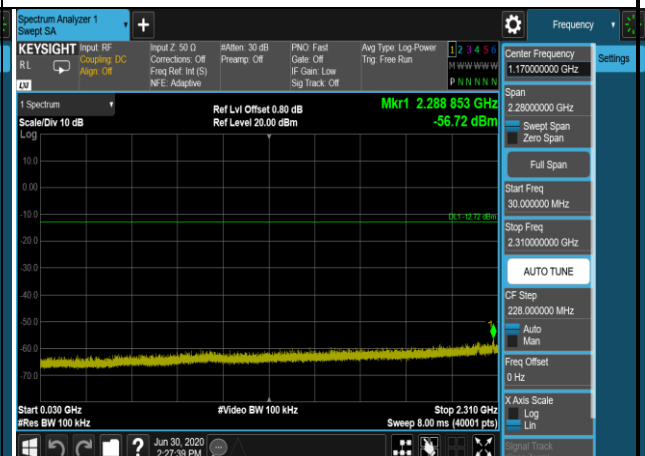
802.11b,2437MHz,Ant1,Plot 1,Reference Level



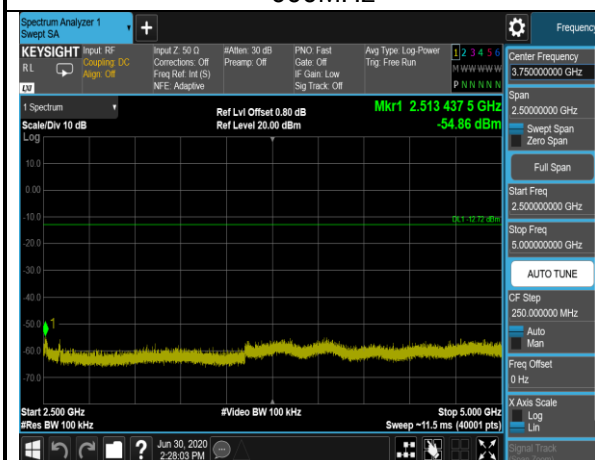
802.11b,2437MHz,Ant1,Plot 2,Band Edge



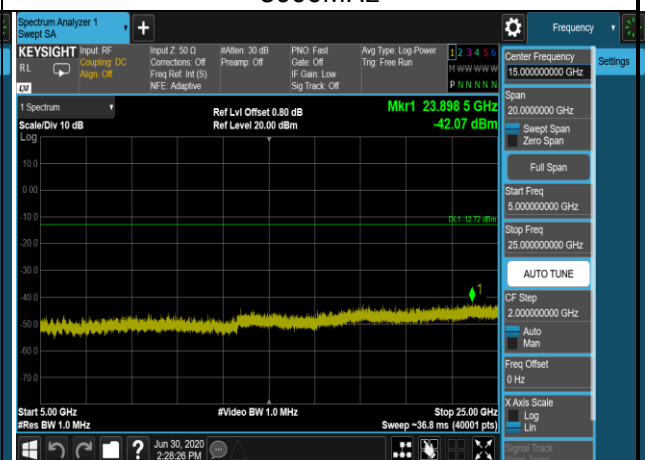
802.11b,2437MHz,Ant1,Plot 3,30MHz~2310MHz



802.11b,2437MHz,Ant1,Plot 4,2500MHz~5000MHz



802.11b,2437MHz,Ant1,Plot 5,5000MHz~25000MHz



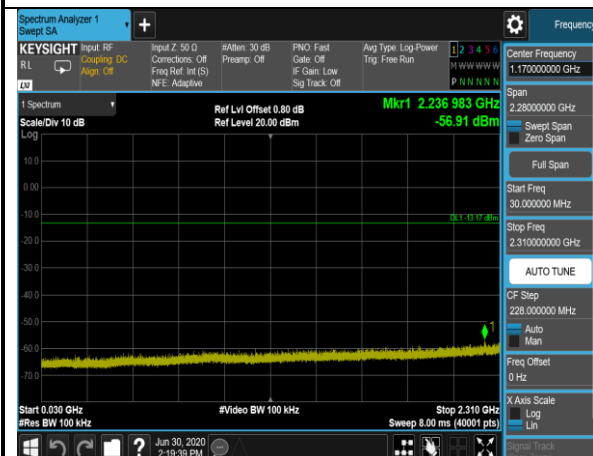
802.11b,2462MHz,Ant1,Plot 1,Reference Level



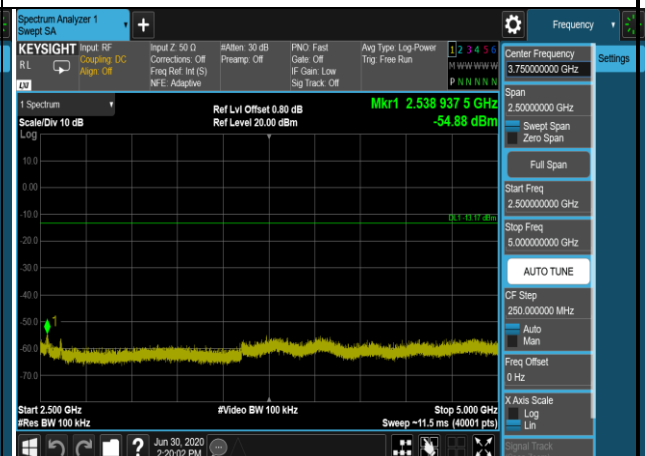
802.11b,2462MHz,Ant1,Plot 2,Band Edge



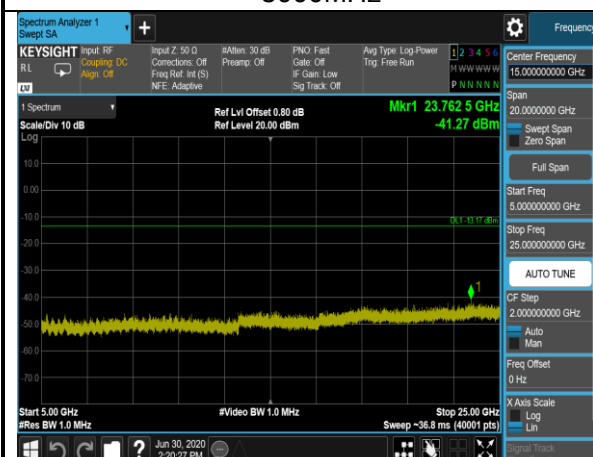
802.11b,2462MHz,Ant1,Plot 3,30MHz~2310MHz



802.11b,2462MHz,Ant1,Plot 4,2500MHz~5000MHz



802.11b,2462MHz,Ant1,Plot 5,5000MHz~25000MHz



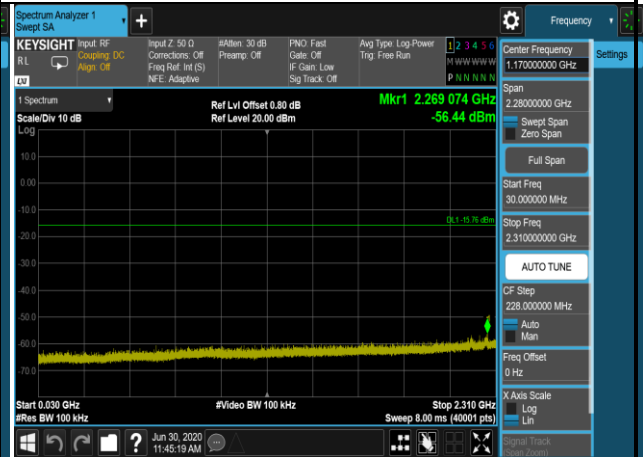
802.11g,2412MHz,Ant1,Plot 1,Reference Level



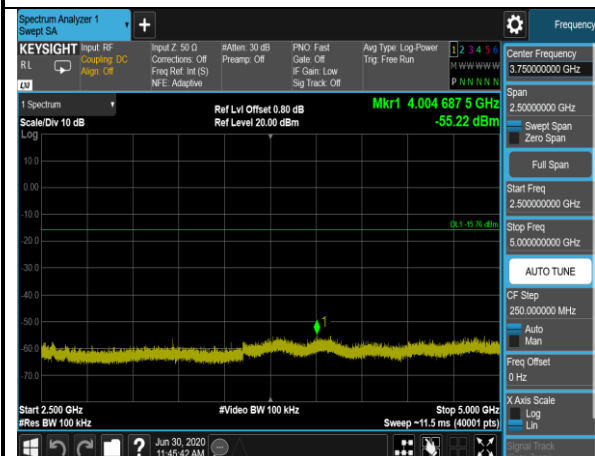
802.11g,2412MHz,Ant1,Plot 2,Band
Edge



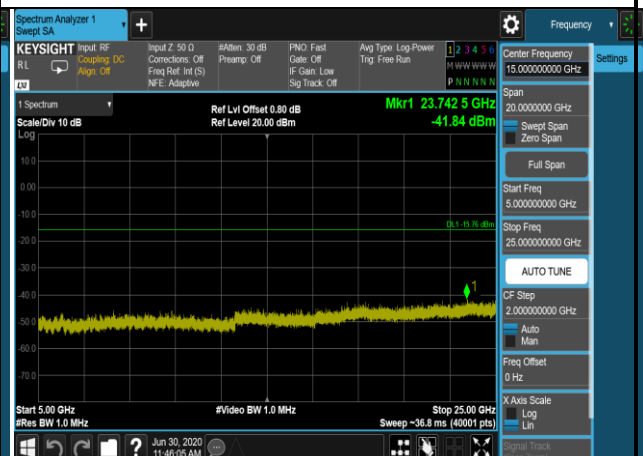
802.11g,2412MHz,Ant1,Plot 3,30MHz~231
0MHz



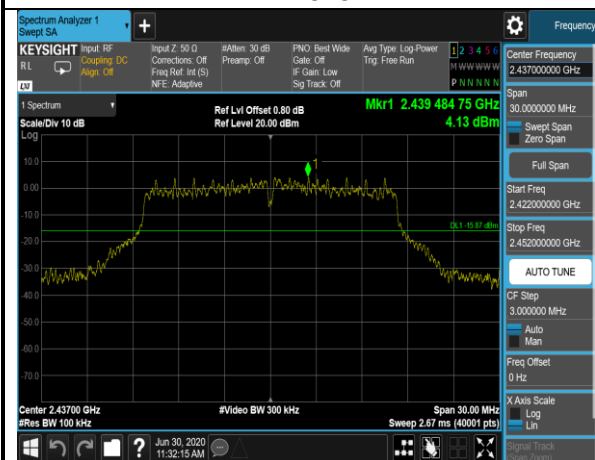
802.11g,2412MHz,Ant1,Plot 4,2500MHz~5
000MHz



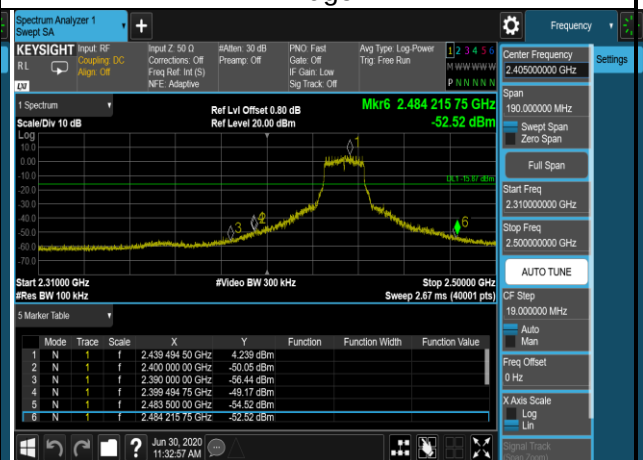
802.11g,2412MHz,Ant1,Plot 5,5000MHz~2
5000MHz



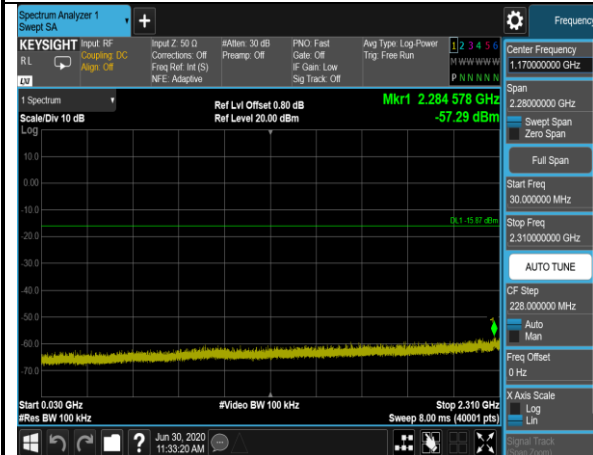
802.11g,2437MHz,Ant1,Plot 1,Reference
Level



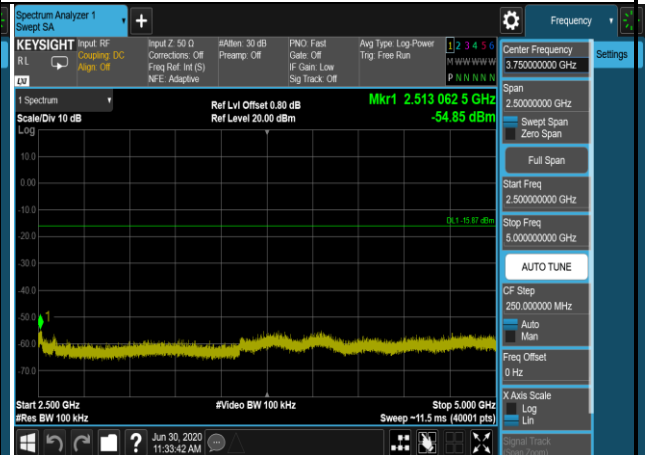
802.11g,2437MHz,Ant1,Plot 2,Band
Edge



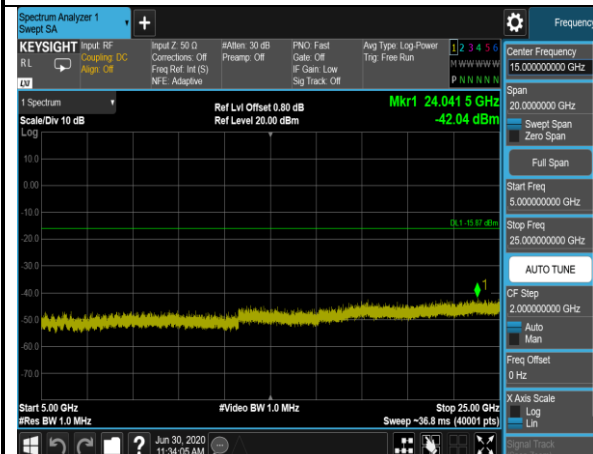
802.11g,2437MHz,Ant1,Plot 3,30MHz~231
0MHz



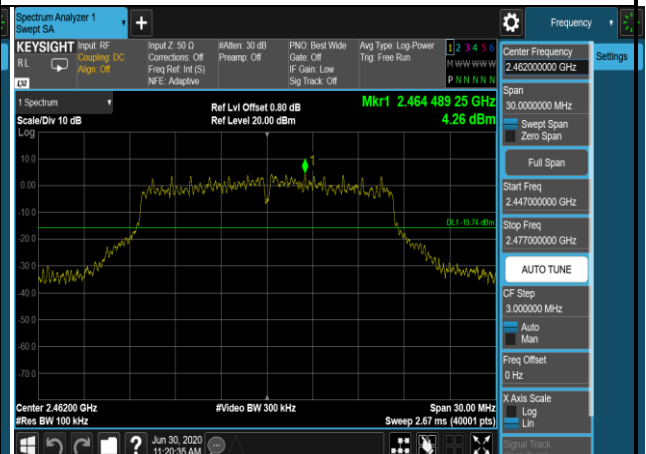
802.11g,2437MHz,Ant1,Plot 4,2500MHz~5
000MHz



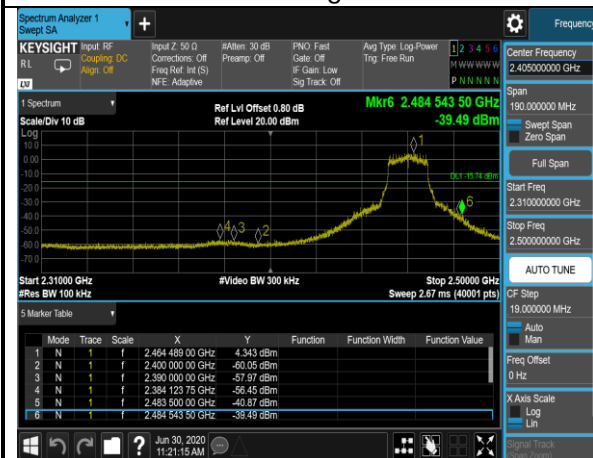
802.11g,2437MHz,Ant1,Plot 5,5000MHz~2
5000MHz



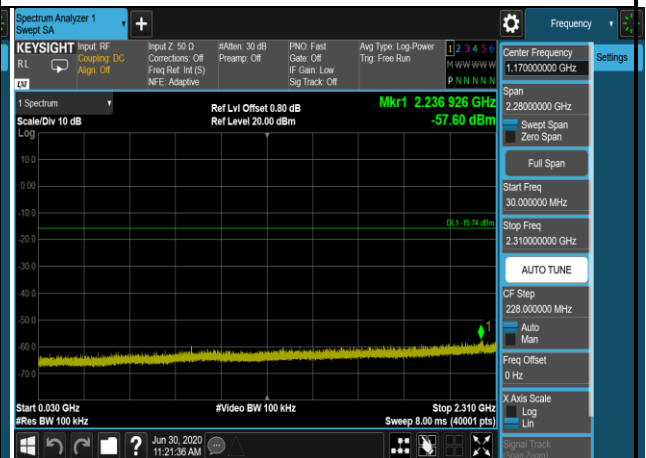
802.11g,2462MHz,Ant1,Plot 1,Reference
Level



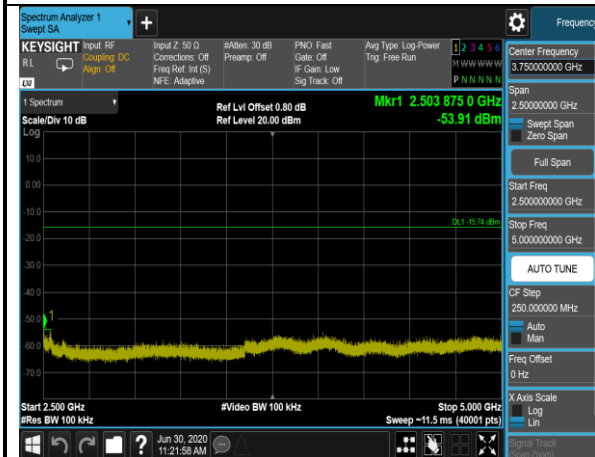
802.11g,2462MHz,Ant1,Plot 2,Band
Edge



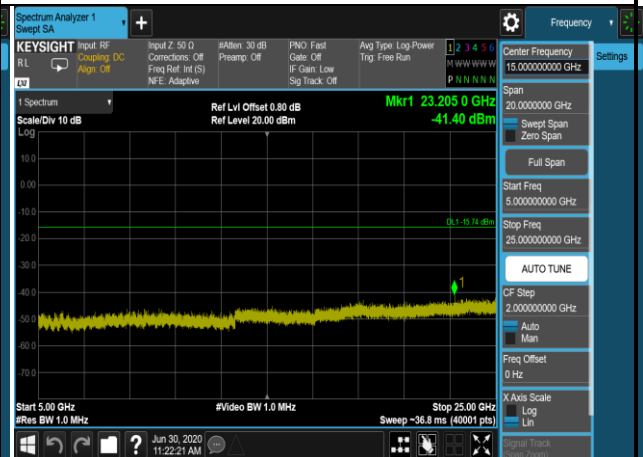
802.11g,2462MHz,Ant1,Plot 3,30MHz~231
0MHz



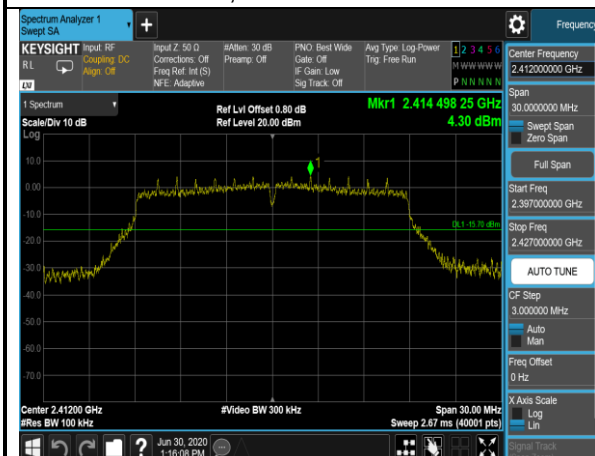
802.11g,2462MHz,Ant1,Plot 4,2500MHz~5000MHz



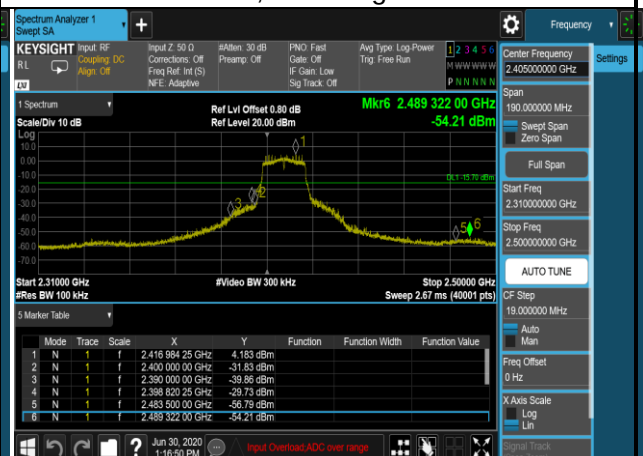
802.11g,2462MHz,Ant1,Plot 5,5000MHz~25000MHz



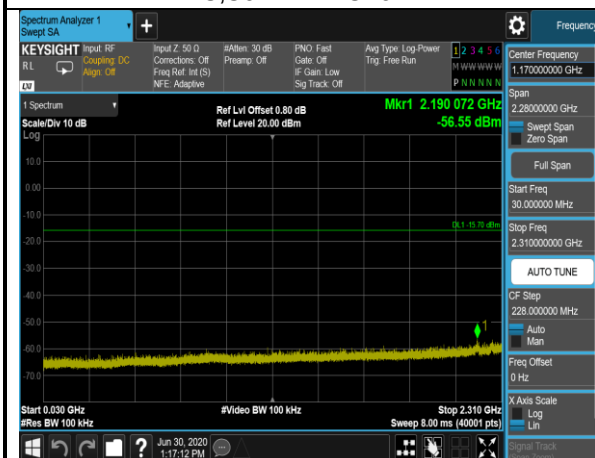
802.11n(HT20),2412MHz,Ant1,Plot 1,Reference Level



802.11n(HT20),2412MHz,Ant1,Plot 2,Band Edge



802.11n(HT20),2412MHz,Ant1,Plot 3,30MHz~2310MHz



802.11n(HT20),2412MHz,Ant1,Plot 4,2500MHz~5000MHz

