

Appendix A: Test results

5. Emission outside the frequency band

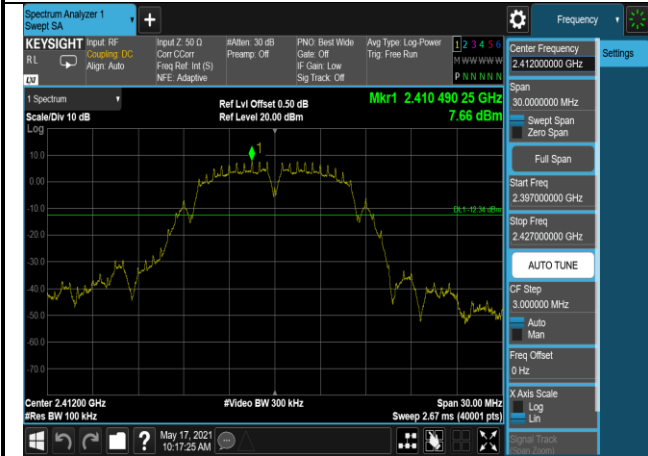
5.1 Test Data

WLAN Transmitter Spurious Emission						
Mode	Test Frequency (MHz)	Ant	Plot No.	Frequency Range	Emission (dBm)	Result
802.11b	2412	Ant0	1	Reference Level	7.66	Pass
802.11b	2412	Ant0	2	Band Edge	-35.54	Pass
802.11b	2412	Ant0	3	30MHz~2310MHz	-55.52	Pass
802.11b	2412	Ant0	4	2500MHz~5000MHz	-39.88	Pass
802.11b	2412	Ant0	5	5000MHz~25000MHz	-42.39	Pass
802.11b	2437	Ant0	1	Reference Level	6.92	Pass
802.11b	2437	Ant0	2	Band Edge	-49.68	Pass
802.11b	2437	Ant0	3	30MHz~2310MHz	-56.38	Pass
802.11b	2437	Ant0	4	2500MHz~5000MHz	-39.72	Pass
802.11b	2437	Ant0	5	5000MHz~25000MHz	-41.94	Pass
802.11b	2462	Ant0	1	Reference Level	6.40	Pass
802.11b	2462	Ant0	2	Band Edge	-48.85	Pass
802.11b	2462	Ant0	3	30MHz~2310MHz	-54.92	Pass
802.11b	2462	Ant0	4	2500MHz~5000MHz	-41.37	Pass
802.11b	2462	Ant0	5	5000MHz~25000MHz	-41.90	Pass
802.11g	2412	Ant0	1	Reference Level	5.25	Pass
802.11g	2412	Ant0	2	Band Edge	-26.34	Pass
802.11g	2412	Ant0	3	30MHz~2310MHz	-56.02	Pass
802.11g	2412	Ant0	4	2500MHz~5000MHz	-48.98	Pass
802.11g	2412	Ant0	5	5000MHz~25000MHz	-42.29	Pass
802.11g	2437	Ant0	1	Reference Level	4.47	Pass
802.11g	2437	Ant0	2	Band Edge	-50.21	Pass
802.11g	2437	Ant0	3	30MHz~2310MHz	-55.20	Pass

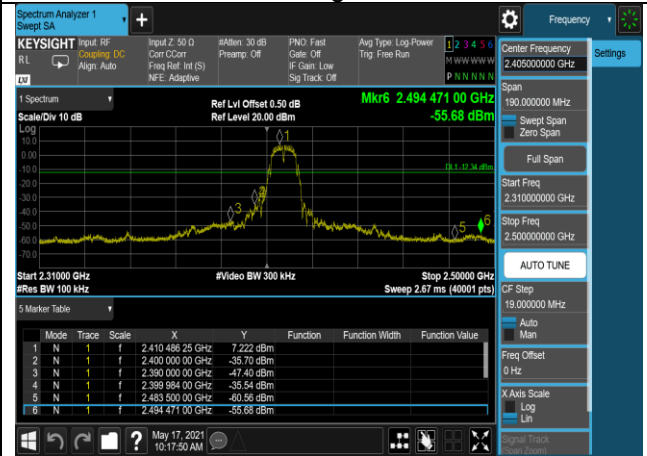
802.11g	2437	Ant0	4	2500MHz~5000MHz	-48.79	Pass
802.11g	2437	Ant0	5	5000MHz~25000MHz	-42.78	Pass
802.11g	2462	Ant0	1	Reference Level	4.15	Pass
802.11g	2462	Ant0	2	Band Edge	-36.54	Pass
802.11g	2462	Ant0	3	30MHz~2310MHz	-54.78	Pass
802.11g	2462	Ant0	4	2500MHz~5000MHz	-50.08	Pass
802.11g	2462	Ant0	5	5000MHz~25000MHz	-41.90	Pass
802.11n (HT20)	2412	Ant0	1	Reference Level	4.38	Pass
802.11n (HT20)	2412	Ant0	2	Band Edge	-28.27	Pass
802.11n (HT20)	2412	Ant0	3	30MHz~2310MHz	-49.08	Pass
802.11n (HT20)	2412	Ant0	4	2500MHz~5000MHz	-50.40	Pass
802.11n (HT20)	2412	Ant0	5	5000MHz~25000MHz	-41.98	Pass
802.11n (HT20)	2437	Ant0	1	Reference Level	3.82	Pass
802.11n (HT20)	2437	Ant0	2	Band Edge	-49.96	Pass
802.11n (HT20)	2437	Ant0	3	30MHz~2310MHz	-45.01	Pass
802.11n (HT20)	2437	Ant0	4	2500MHz~5000MHz	-49.87	Pass
802.11n (HT20)	2437	Ant0	5	5000MHz~25000MHz	-42.21	Pass
802.11n (HT20)	2462	Ant0	1	Reference Level	3.58	Pass
802.11n (HT20)	2462	Ant0	2	Band Edge	-38.15	Pass
802.11n (HT20)	2462	Ant0	3	30MHz~2310MHz	-55.75	Pass
802.11n (HT20)	2462	Ant0	4	2500MHz~5000MHz	-50.49	Pass
802.11n (HT20)	2462	Ant0	5	5000MHz~25000MHz	-42.40	Pass

9.2 Test Plots

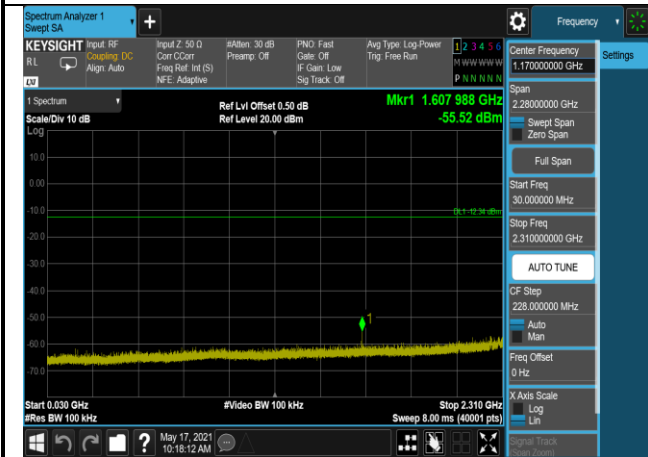
802.11b,2412MHz,Ant0,Plot 1,Reference Level



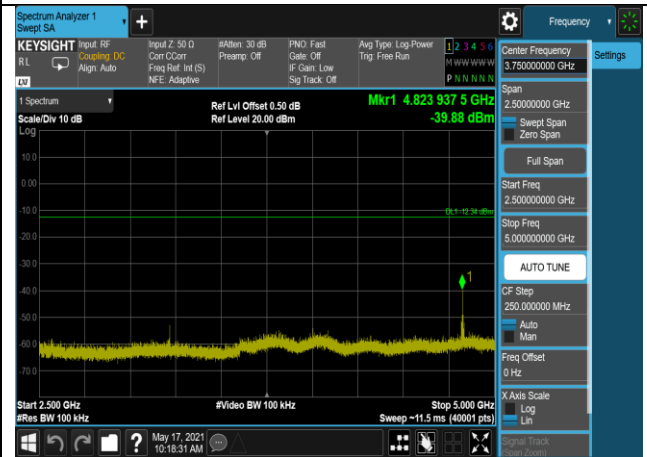
802.11b,2412MHz,Ant0,Plot 2,Band Edge



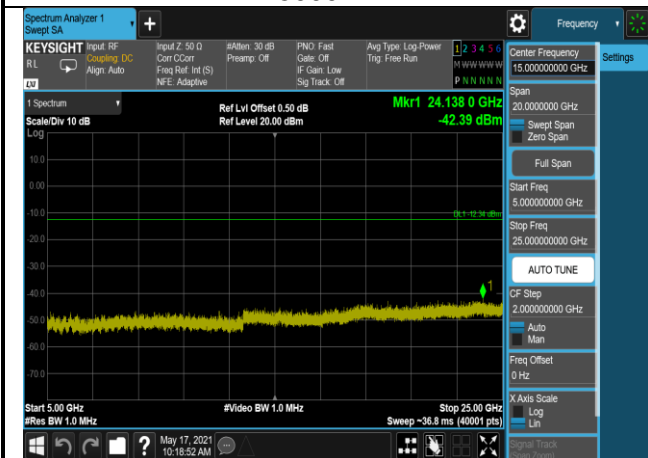
802.11b,2412MHz,Ant0,Plot 3,30MHz~2310MHz



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



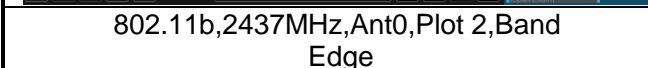
802.11b,2412MHz,Ant0,Plot 5,5000MHz~25000MHz



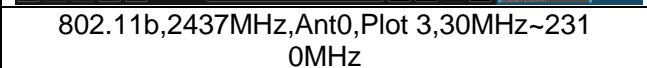
802.11b,2437MHz,Ant0,Plot 1,Reference Level

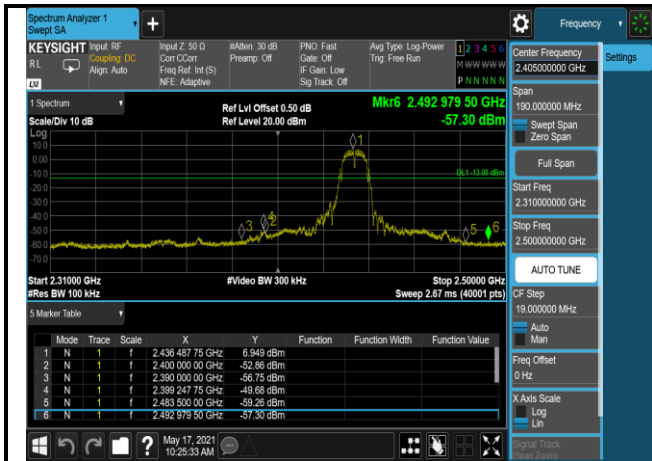


802.11b,2437MHz,Ant0,Plot 2,Band Edge

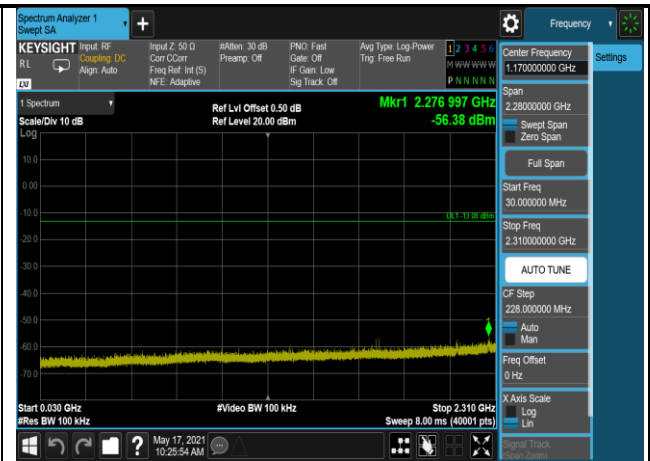


802.11b,2437MHz,Ant0,Plot 3,30MHz~2310MHz

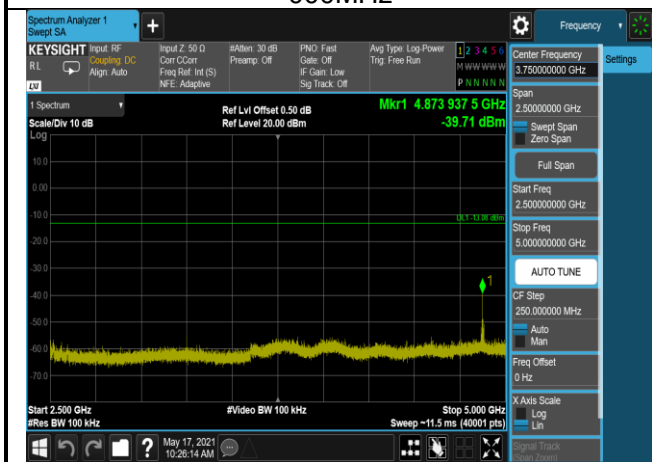




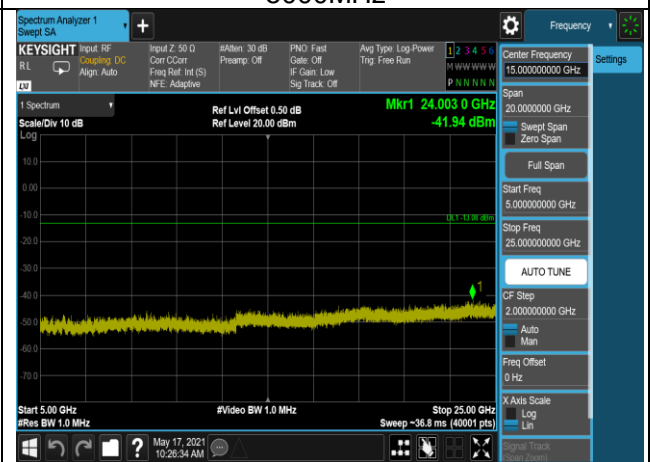
802.11b,2437MHz,Ant0,Plot 4,2500MHz~5000MHz



802.11b,2437MHz,Ant0,Plot 5,5000MHz~5000MHz



802.11b,2462MHz,Ant0,Plot 1,Reference Level



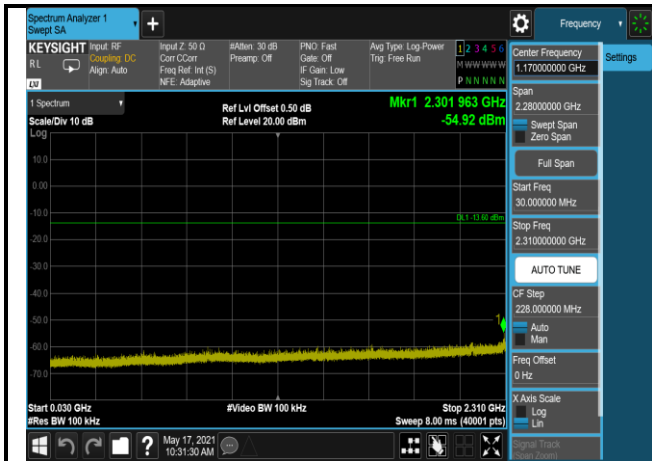
802.11b,2462MHz,Ant0,Plot 2,Band Edge



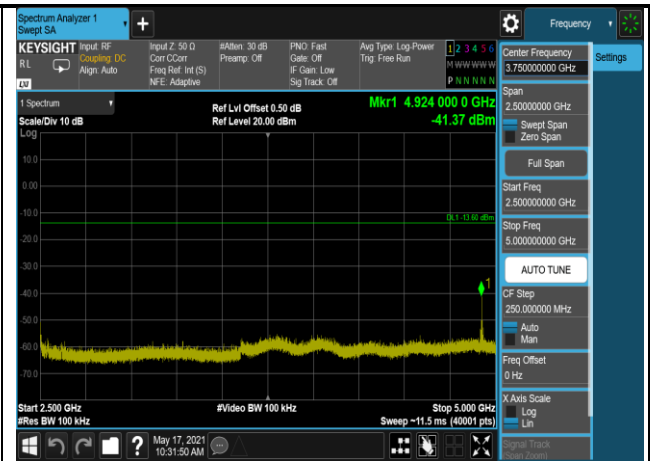
802.11b,2462MHz,Ant0,Plot 3,30MHz~2310MHz



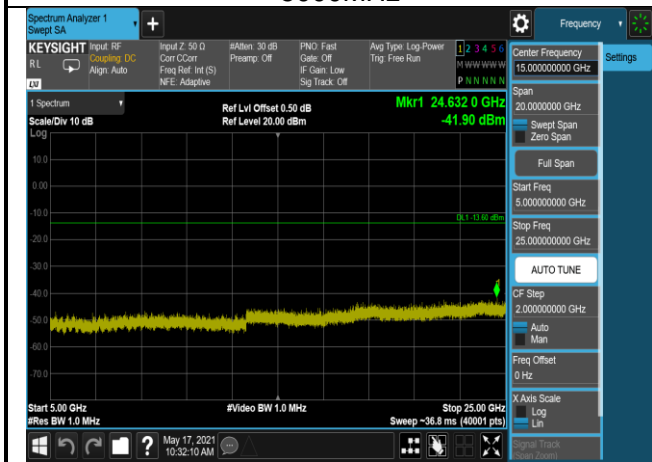
802.11b,2462MHz,Ant0,Plot 4,2500MHz~5000MHz



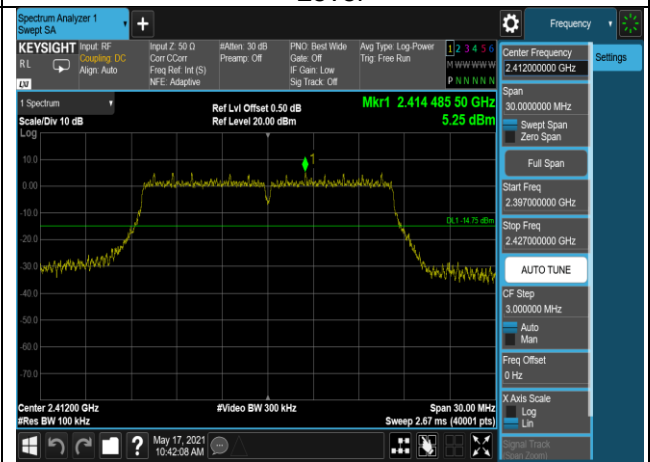
802.11b,2462MHz,Ant0,Plot 5,5000MHz~2
5000MHz



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



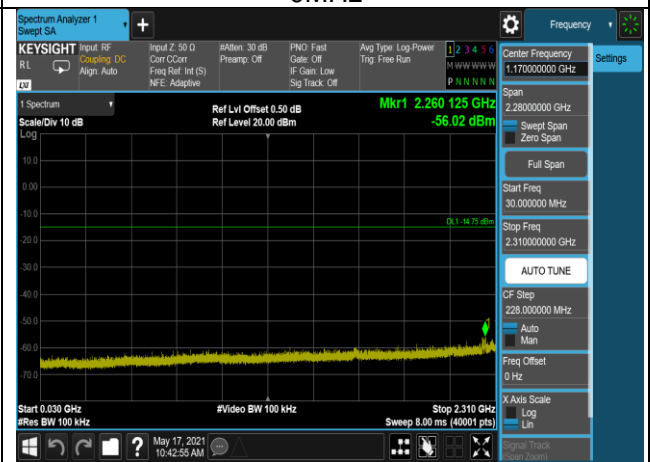
802.11g,2412MHz,Ant0,Plot 2,Band
Edge



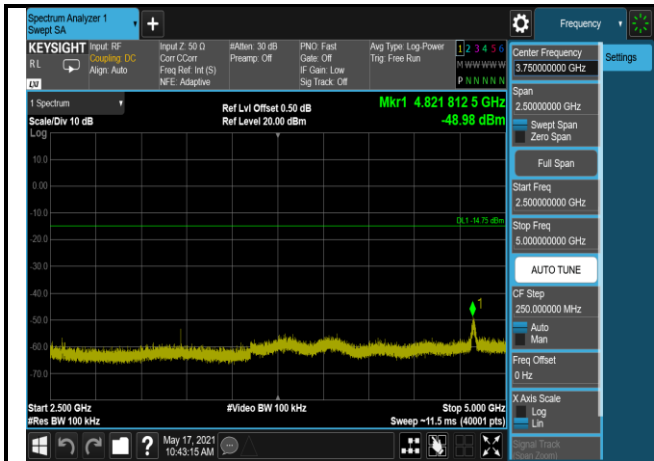
802.11g,2412MHz,Ant0,Plot 3,30MHz~231
0MHz



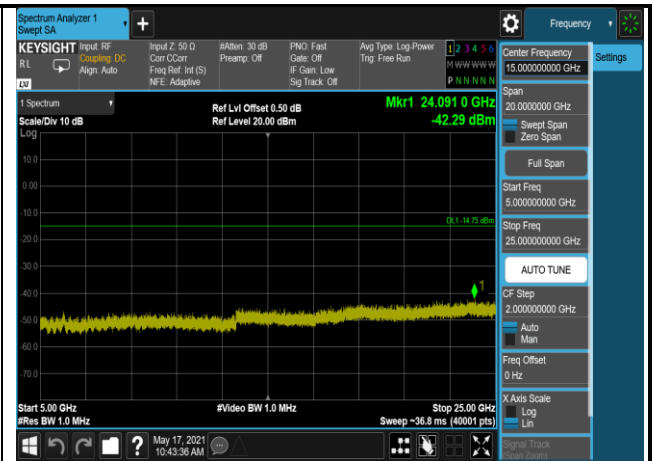
802.11g,2412MHz,Ant0,Plot 4,2500MHz~5
000MHz



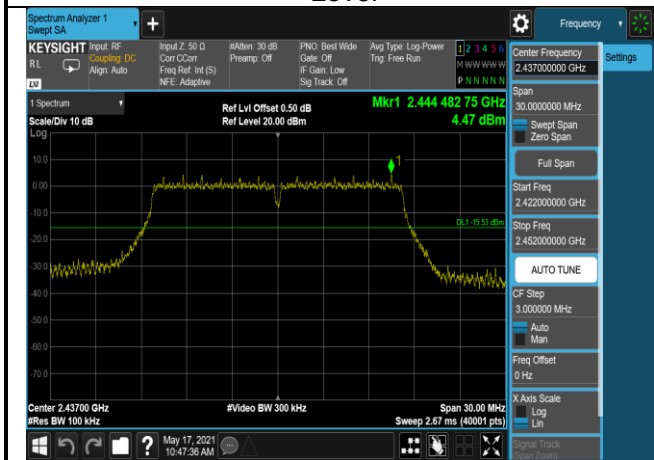
802.11g,2412MHz,Ant0,Plot 5,5000MHz~2
5000MHz



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



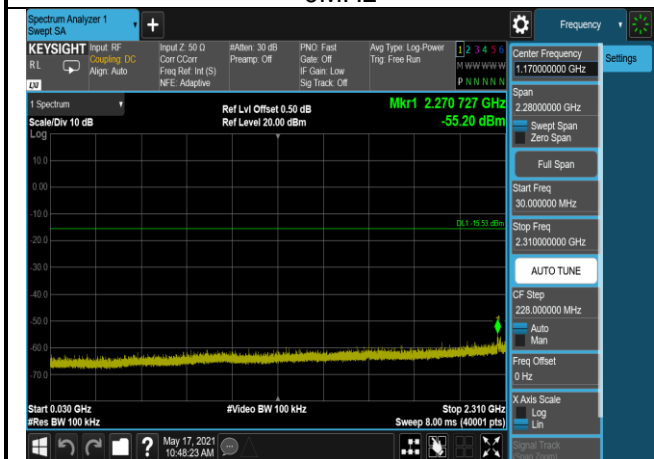
802.11g,2437MHz,Ant0,Plot 2,Band Edge



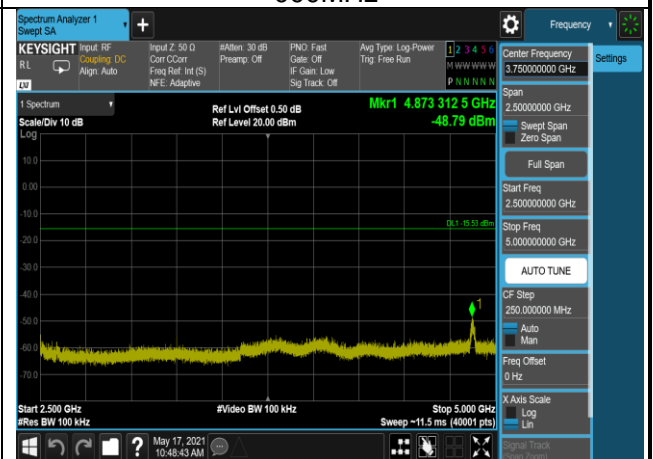
802.11g,2437MHz,Ant0,Plot 3,30MHz~231 0MHz



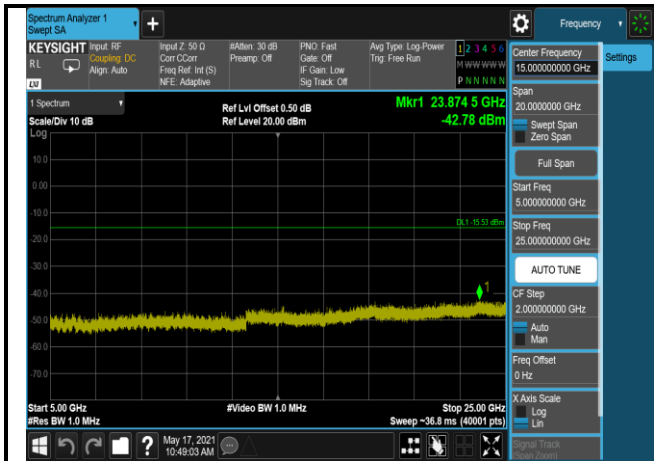
802.11g,2437MHz,Ant0,Plot 4,2500MHz~5 000MHz



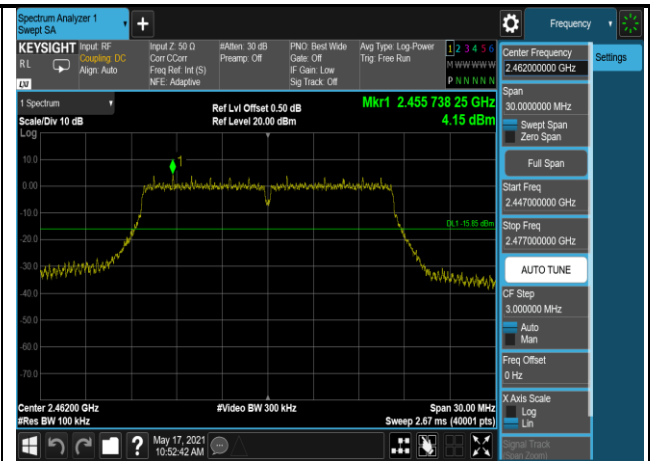
802.11g,2437MHz,Ant0,Plot 5,5000MHz~2 5000MHz



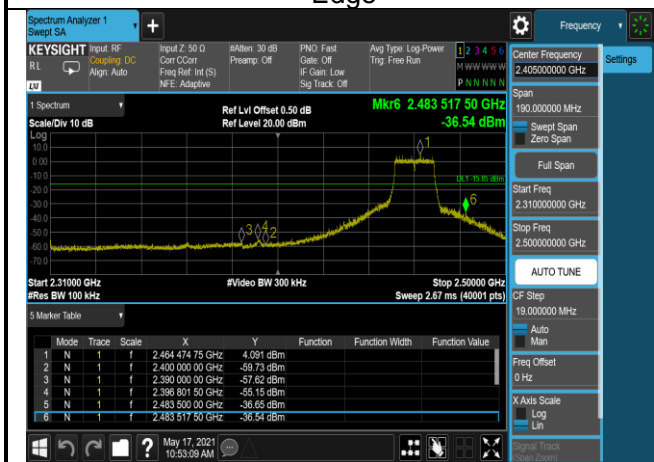
802.11g,2462MHz,Ant0,Plot 1,Reference Level



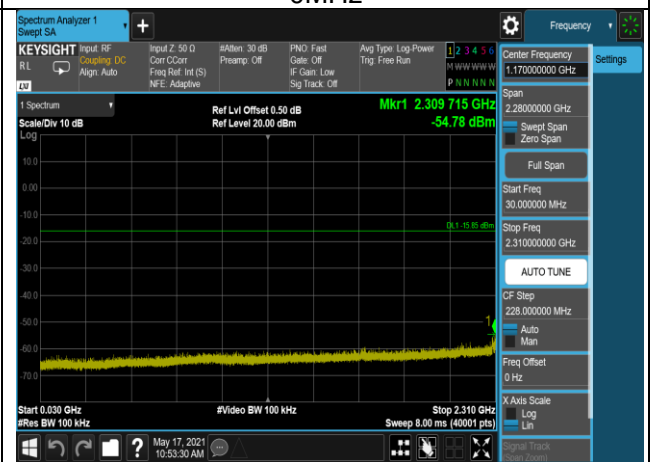
802.11g,2462MHz,Ant0,Plot 2,Band Edge



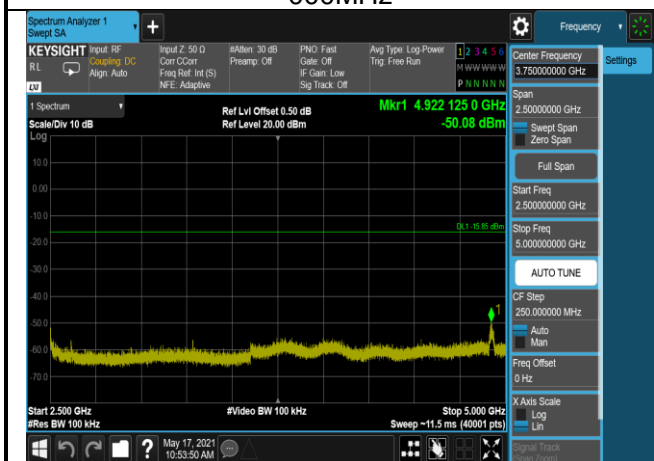
802.11g,2462MHz,Ant0,Plot 3,30MHz~2310MHz



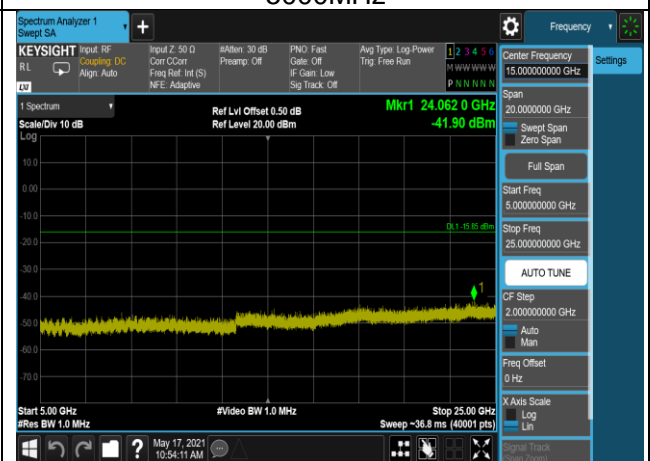
802.11g,2462MHz,Ant0,Plot 4,2500MHz~5000MHz



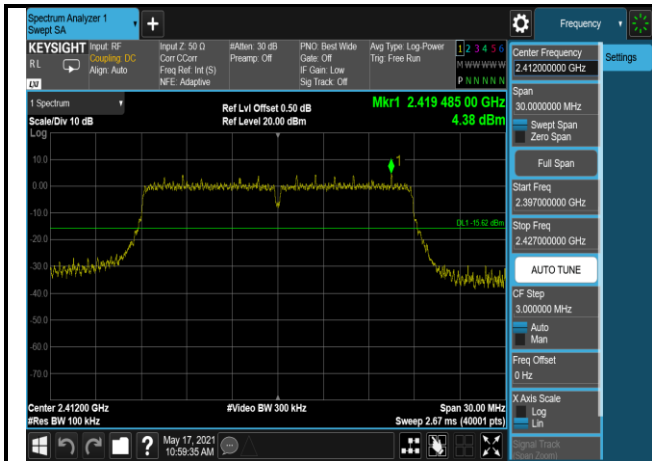
802.11g,2462MHz,Ant0,Plot 5,5000MHz~25000MHz



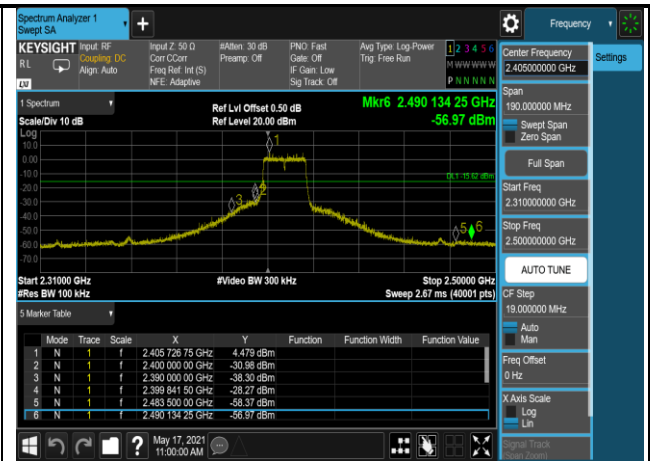
802.11n(HT20),2412MHz,Ant0,Plot 1,Reference Level



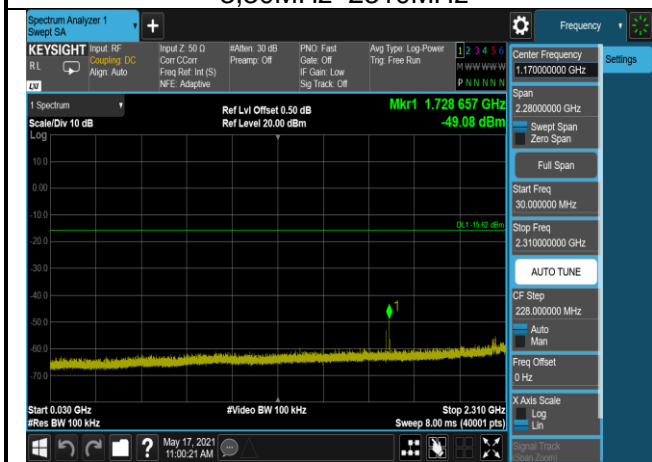
802.11n(HT20),2412MHz,Ant0,Plot 2,Band Edge



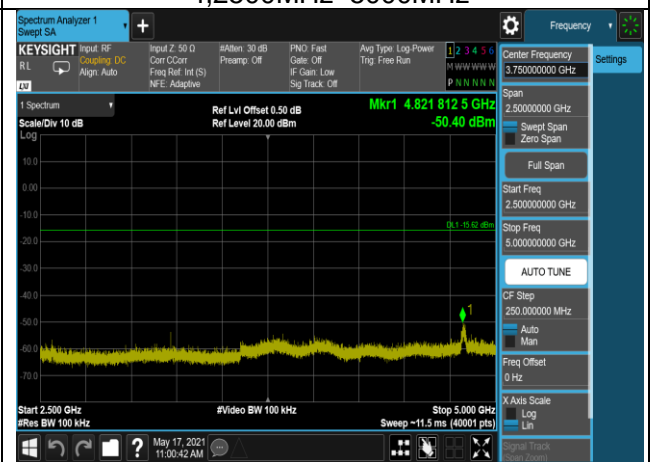
802.11n(HT20),2412MHz,Ant0,Plot
3,30MHz~2310MHz



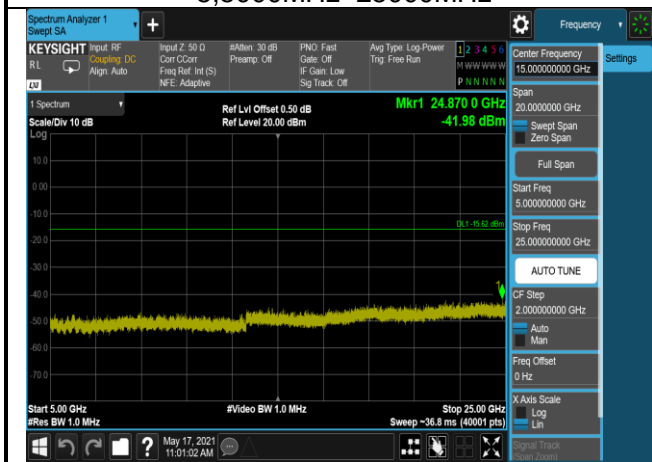
802.11n(HT20),2412MHz,Ant0,Plot
4,2500MHz~5000MHz



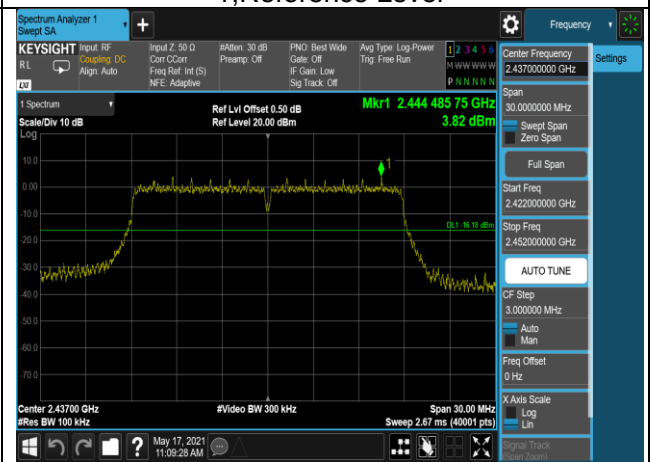
802.11n(HT20),2412MHz,Ant0,Plot
5,5000MHz~25000MHz



802.11n(HT20),2437MHz,Ant0,Plot
1,Reference Level



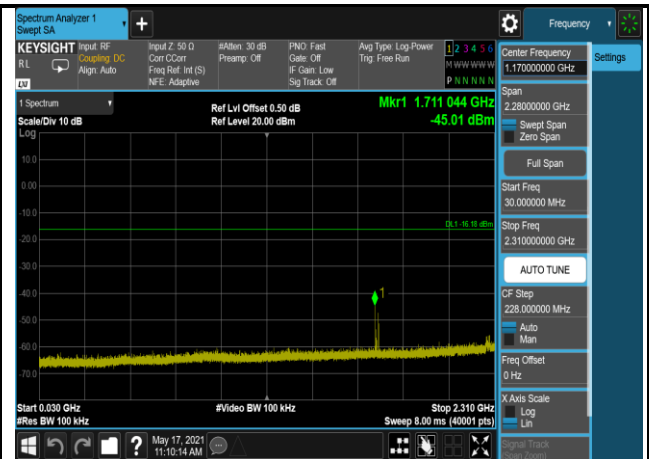
802.11n(HT20),2437MHz,Ant0,Plot
2,Band Edge



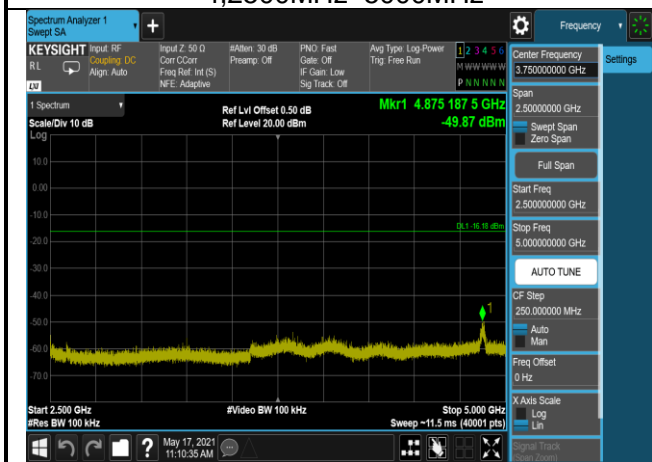
802.11n(HT20),2437MHz,Ant0,Plot
3,30MHz~2310MHz



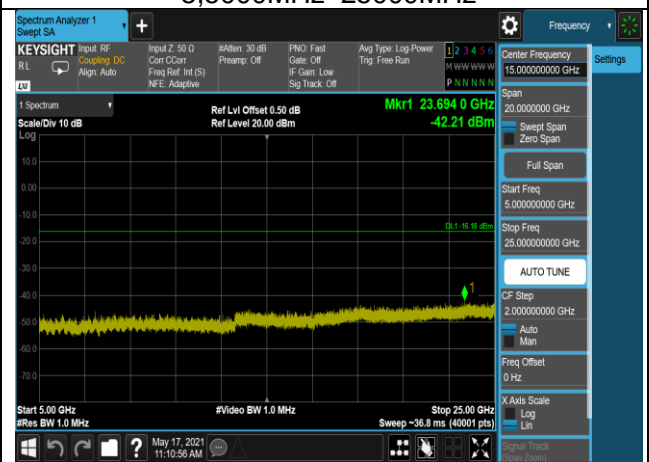
802.11n(HT20),2437MHz,Ant0,Plot
4,2500MHz~5000MHz



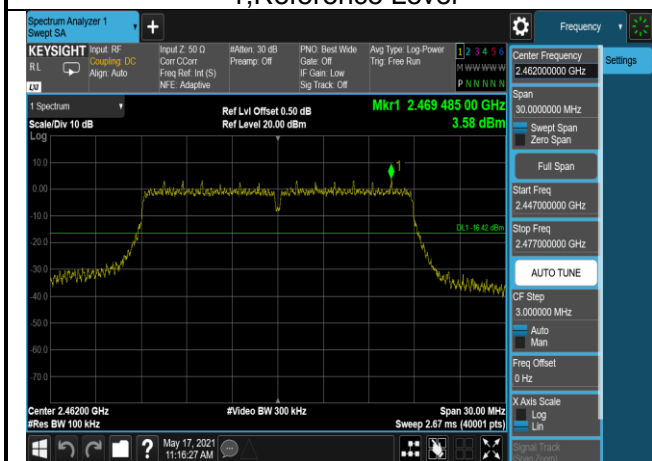
802.11n(HT20),2437MHz,Ant0,Plot
5,5000MHz~25000MHz



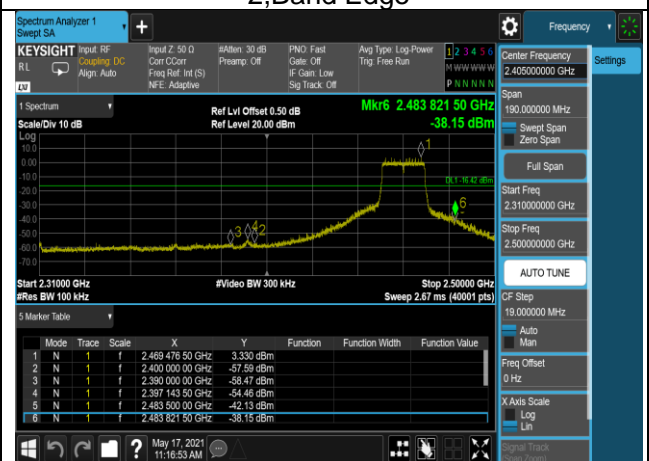
802.11n(HT20),2462MHz,Ant0,Plot
1,Reference Level



802.11n(HT20),2462MHz,Ant0,Plot
2,Band Edge



802.11n(HT20),2462MHz,Ant0,Plot
3,30MHz~2310MHz



802.11n(HT20),2462MHz,Ant0,Plot
4,2500MHz~5000MHz

