

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	6.88	Pass
802.11b	2412	Ant0	2	Band Edge	-36.68	Pass
802.11b	2412	Ant0	3	30MHz~2310MHz	-56.53	Pass
802.11b	2412	Ant0	4	2500MHz~5000MHz	-42.56	Pass
802.11b	2412	Ant0	5	5000MHz~25000MHz	-42.23	Pass
802.11b	2437	Ant0	1	Reference Level	4.27	Pass
802.11b	2437	Ant0	2	Band Edge	-51.21	Pass
802.11b	2437	Ant0	3	30MHz~2310MHz	-42.40	Pass
802.11b	2437	Ant0	4	2500MHz~5000MHz	-45.22	Pass
802.11b	2437	Ant0	5	5000MHz~25000MHz	-42.30	Pass
802.11b	2462	Ant0	1	Reference Level	8.03	Pass
802.11b	2462	Ant0	2	Band Edge	-45.01	Pass
802.11b	2462	Ant0	3	30MHz~2310MHz	-53.23	Pass
802.11b	2462	Ant0	4	2500MHz~5000MHz	-40.65	Pass
802.11b	2462	Ant0	5	5000MHz~25000MHz	-40.71	Pass
802.11g	2412	Ant0	1	Reference Level	5.08	Pass
802.11g	2412	Ant0	2	Band Edge	-28.03	Pass
802.11g	2412	Ant0	3	30MHz~2310MHz	-51.76	Pass
802.11g	2412	Ant0	4	2500MHz~5000MHz	-51.73	Pass
802.11g	2412	Ant0	5	5000MHz~25000MHz	-42.11	Pass
802.11g	2437	Ant0	1	Reference Level	2.24	Pass
802.11g	2437	Ant0	2	Band Edge	-52.63	Pass
802.11g	2437	Ant0	3	30MHz~2310MHz	-49.51	Pass

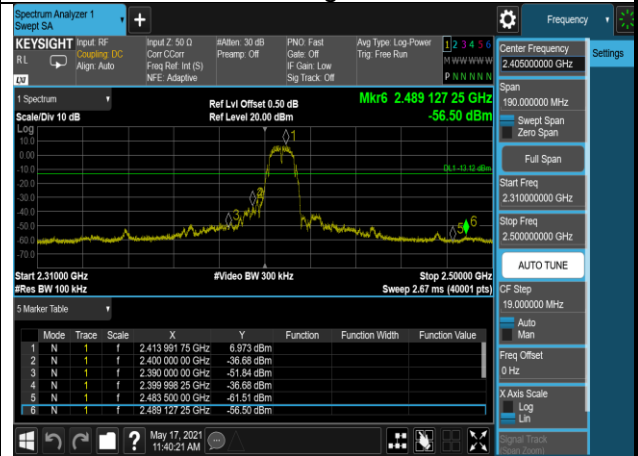
802.11g	2437	Ant0	4	2500MHz~5000MHz	-52.82	Pass
802.11g	2437	Ant0	5	5000MHz~25000MHz	-42.14	Pass
802.11g	2462	Ant0	1	Reference Level	6.22	Pass
802.11g	2462	Ant0	2	Band Edge	-32.52	Pass
802.11g	2462	Ant0	3	30MHz~2310MHz	-52.96	Pass
802.11g	2462	Ant0	4	2500MHz~5000MHz	-47.75	Pass
802.11g	2462	Ant0	5	5000MHz~25000MHz	-42.26	Pass
802.11n (HT20)	2412	Ant0	1	Reference Level	4.35	Pass
802.11n (HT20)	2412	Ant0	2	Band Edge	-29.27	Pass
802.11n (HT20)	2412	Ant0	3	30MHz~2310MHz	-53.94	Pass
802.11n (HT20)	2412	Ant0	4	2500MHz~5000MHz	-52.15	Pass
802.11n (HT20)	2412	Ant0	5	5000MHz~25000MHz	-41.75	Pass
802.11n (HT20)	2437	Ant0	1	Reference Level	1.76	Pass
802.11n (HT20)	2437	Ant0	2	Band Edge	-52.82	Pass
802.11n (HT20)	2437	Ant0	3	30MHz~2310MHz	-56.03	Pass
802.11n (HT20)	2437	Ant0	4	2500MHz~5000MHz	-53.63	Pass
802.11n (HT20)	2437	Ant0	5	5000MHz~25000MHz	-42.17	Pass
802.11n (HT20)	2462	Ant0	1	Reference Level	5.62	Pass
802.11n (HT20)	2462	Ant0	2	Band Edge	-32.63	Pass
802.11n (HT20)	2462	Ant0	3	30MHz~2310MHz	-53.18	Pass
802.11n (HT20)	2462	Ant0	4	2500MHz~5000MHz	-48.28	Pass
802.11n (HT20)	2462	Ant0	5	5000MHz~25000MHz	-40.93	Pass

9.2 Test Plots

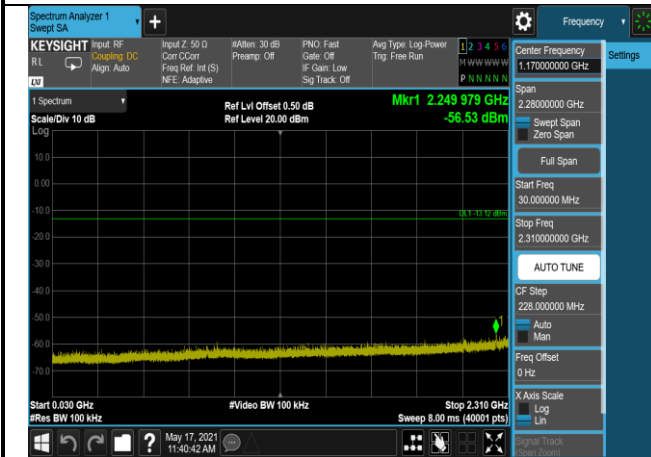
802.11b,2412MHz,Ant0,Plot 1,Reference Level



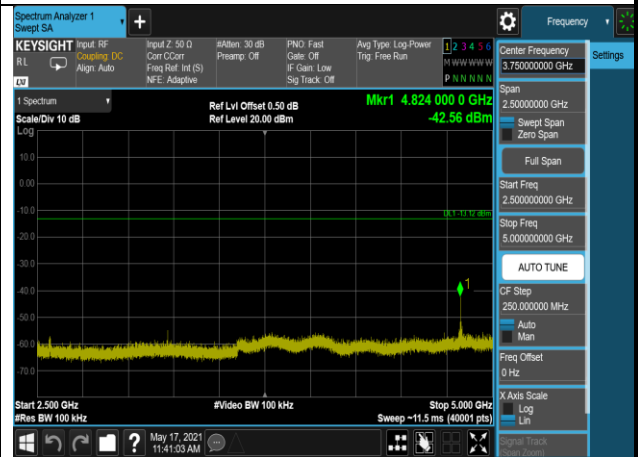
802.11b,2412MHz,Ant0,Plot 2,Band Edge



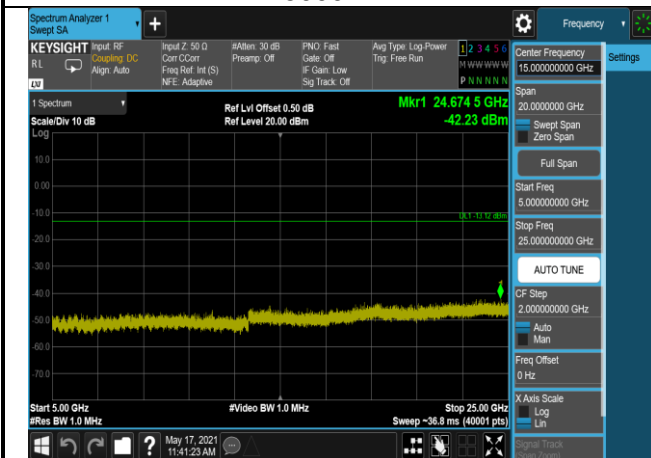
802.11b,2412MHz,Ant0,Plot 3,30MHz~231 0MHz



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



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



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

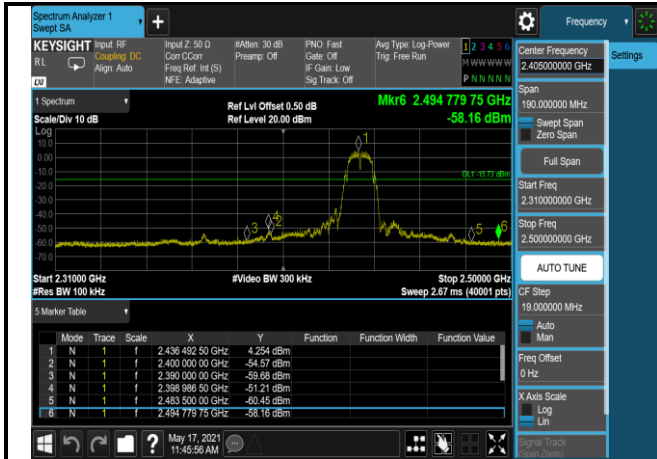


802.11b,2437MHz,Ant0,Plot 2,Band Edge

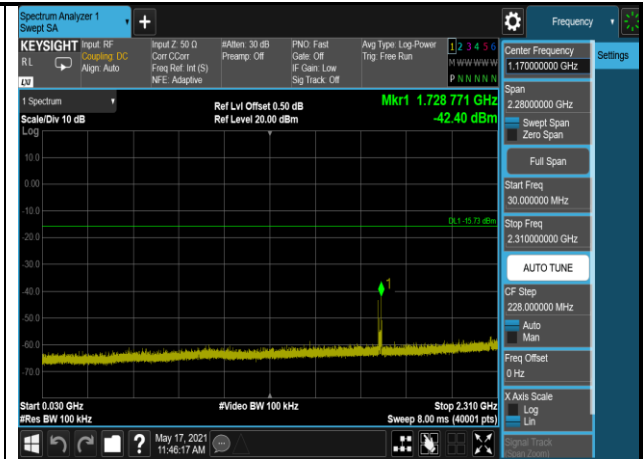


802.11b,2437MHz,Ant0,Plot 3,30MHz~231 0MHz

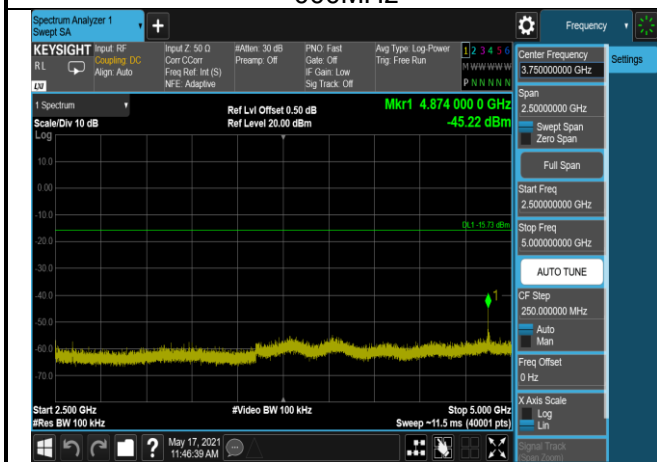




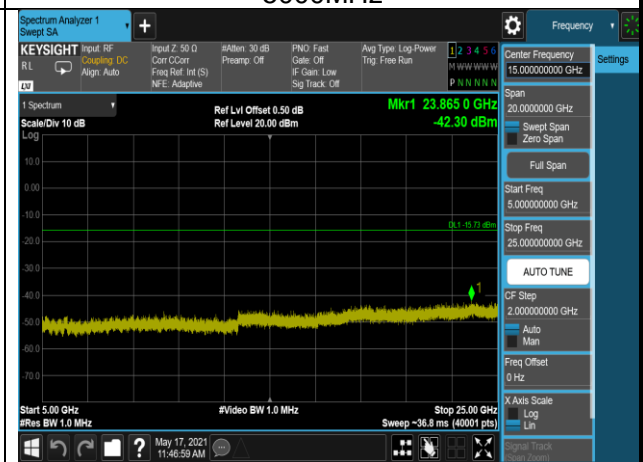
802.11b,2437MHz,Ant0,Plot 4,2500MHz~5000MHz



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



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



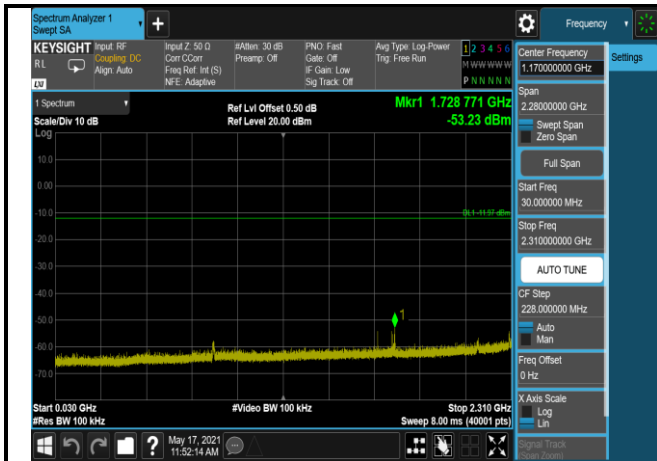
802.11b,2462MHz,Ant0,Plot 2,Band Edge



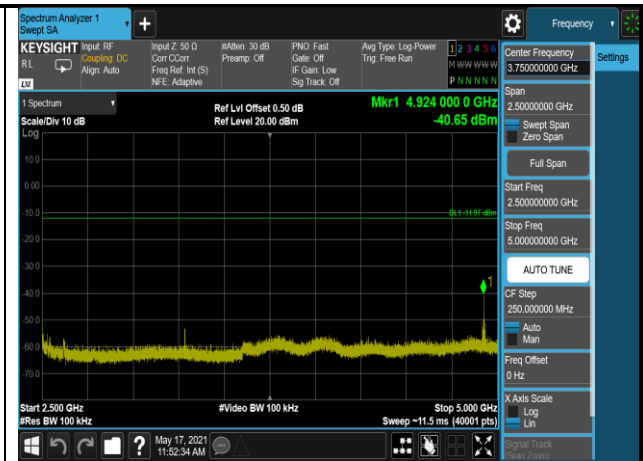
802.11b,2462MHz,Ant0,Plot 3,30MHz~2310MHz



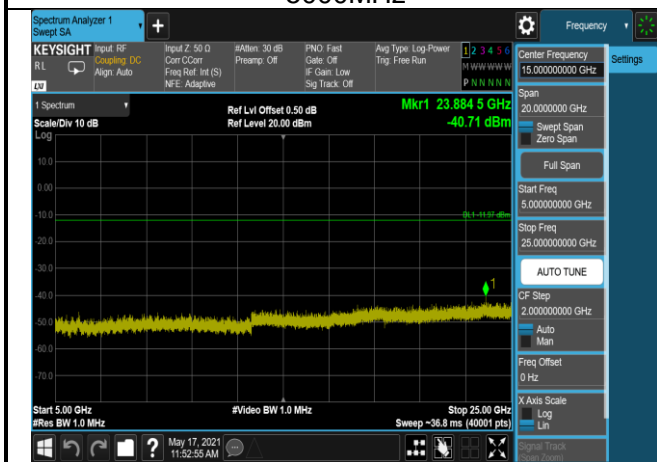
802.11b,2462MHz,Ant0,Plot 4,2500MHz~5000MHz



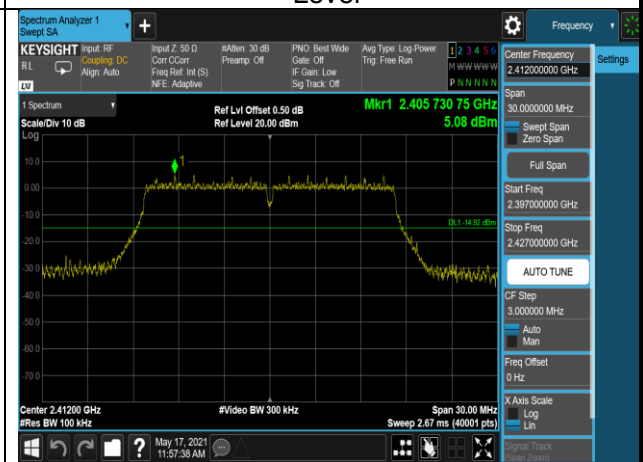
802.11b,2462MHz,Ant0,Plot 5,5000MHz~2
5000MHz



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



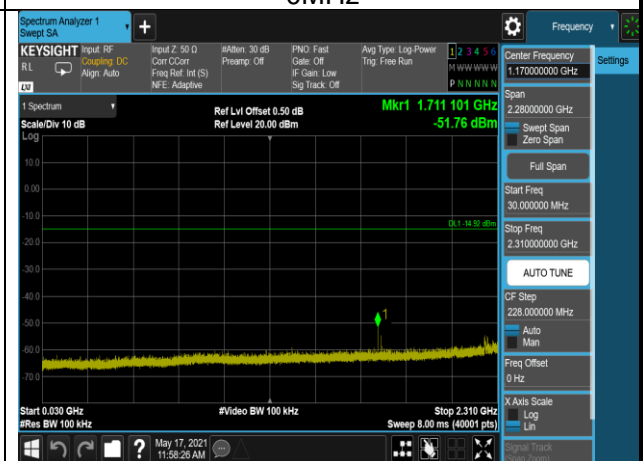
802.11g,2412MHz,Ant0,Plot 2,Band
Edge



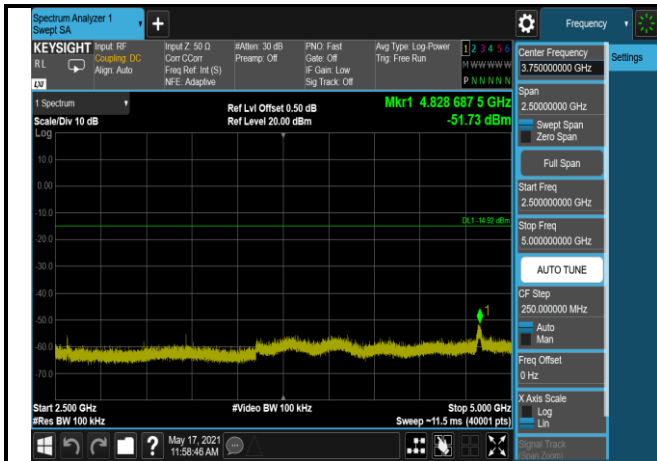
802.11g,2412MHz,Ant0,Plot 3,30MHz~231
0MHz



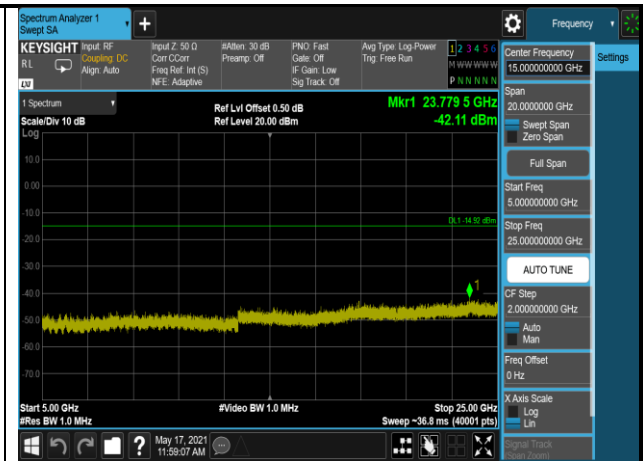
802.11g,2412MHz,Ant0,Plot 4,2500MHz~5
000MHz



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



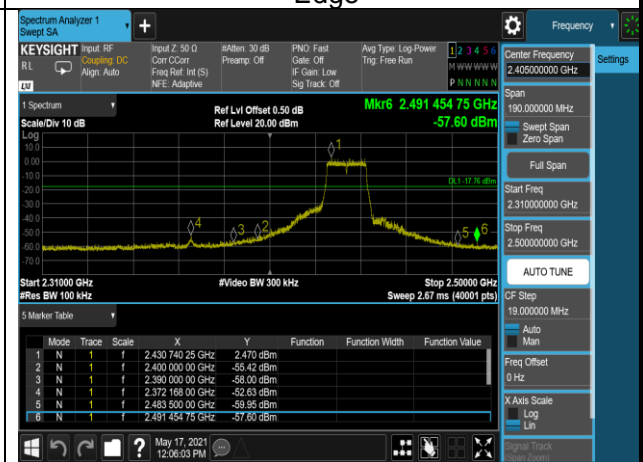
802.11g,2437MHz,Ant0,Plot 1,Reference Level



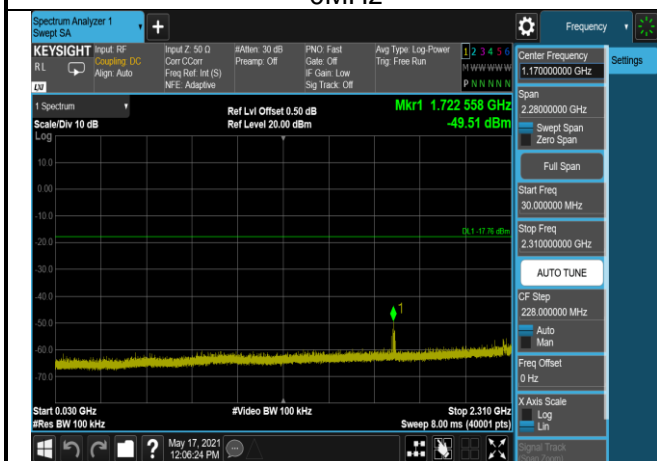
802.11g,2437MHz,Ant0,Plot 2,Band Edge



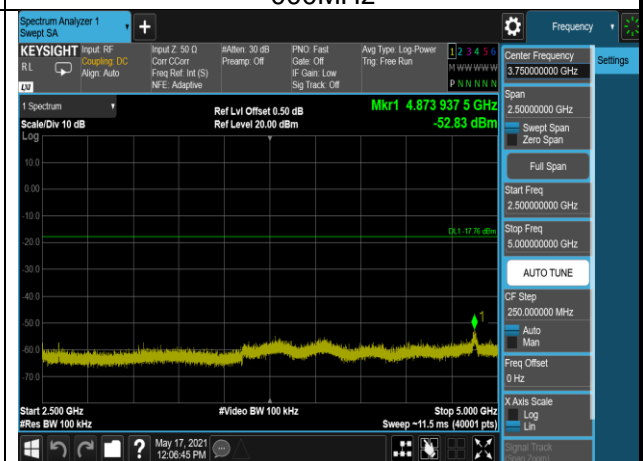
802.11g,2437MHz,Ant0,Plot 3,30MHz~2310MHz



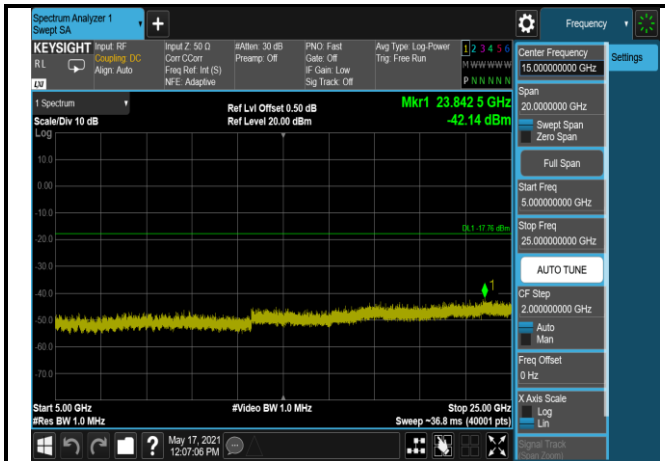
802.11g,2437MHz,Ant0,Plot 4,2500MHz~5000MHz



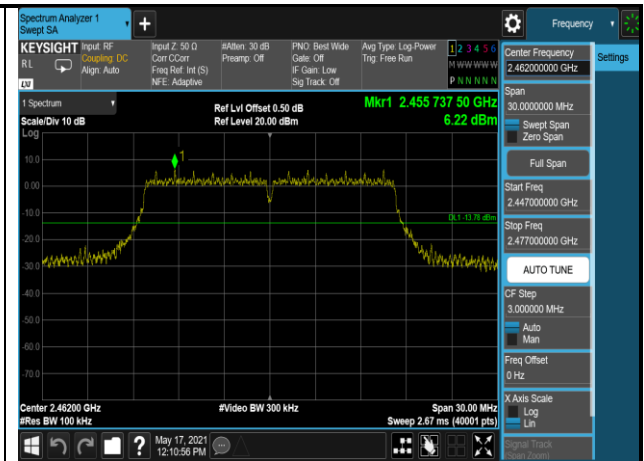
802.11g,2437MHz,Ant0,Plot 5,5000MHz~25000MHz



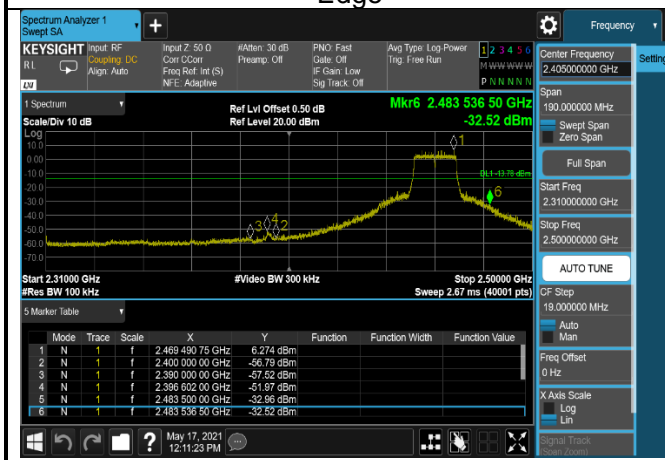
802.11g,2462MHz,Ant0,Plot 1,Reference Level



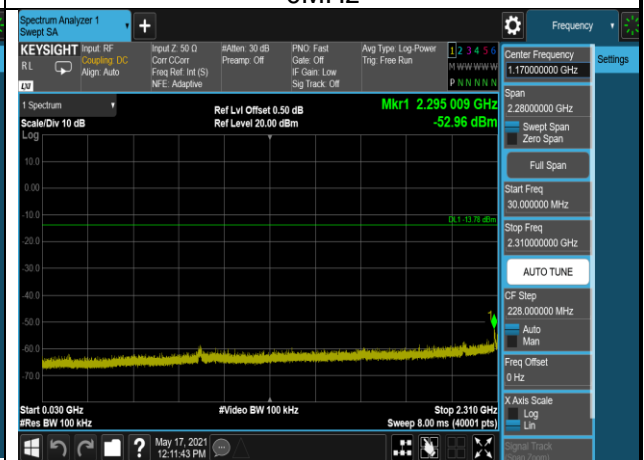
802.11g,2462MHz,Ant0,Plot 2,Band Edge



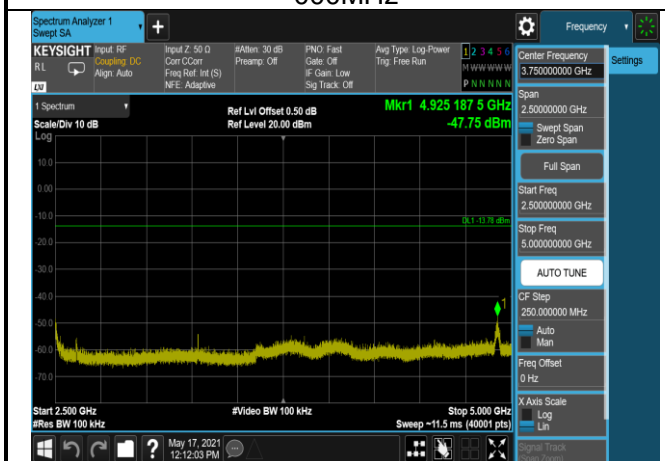
802.11g,2462MHz,Ant0,Plot 3,30MHz~2310MHz



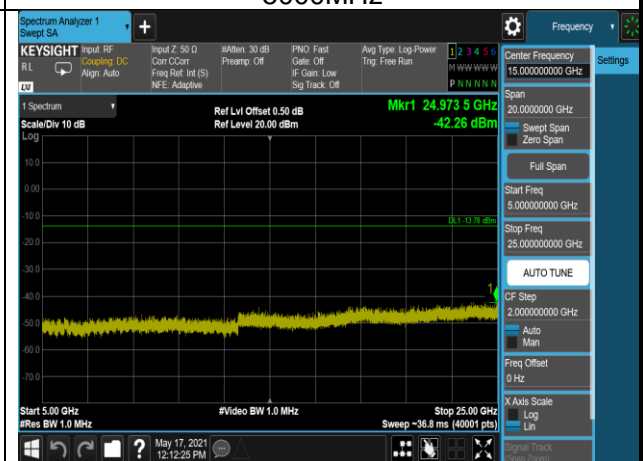
802.11g,2462MHz,Ant0,Plot 4,2500MHz~5000MHz



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



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



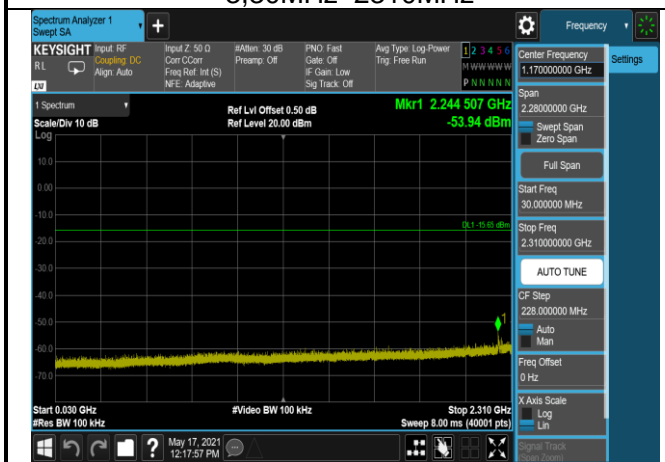
802.11n(HT20),2412MHz,Ant0,Plot 2,Band Edge



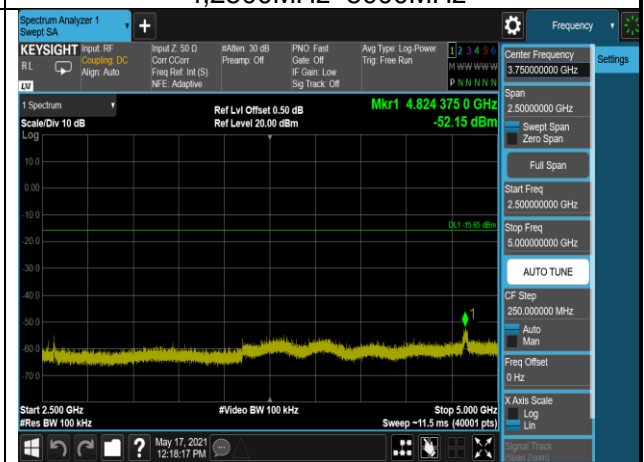
802.11n(HT20),2412MHz,Ant0,Plot
3,30MHz~2310MHz



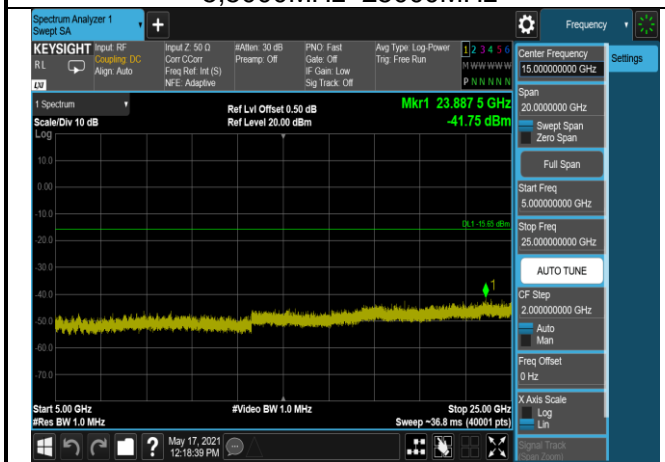
802.11n(HT20),2412MHz,Ant0,Plot
4,2500MHz~5000MHz



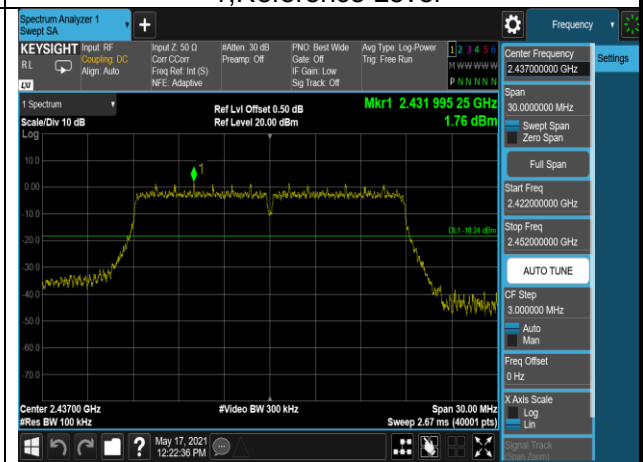
802.11n(HT20),2412MHz,Ant0,Plot
5,5500MHz~25000MHz



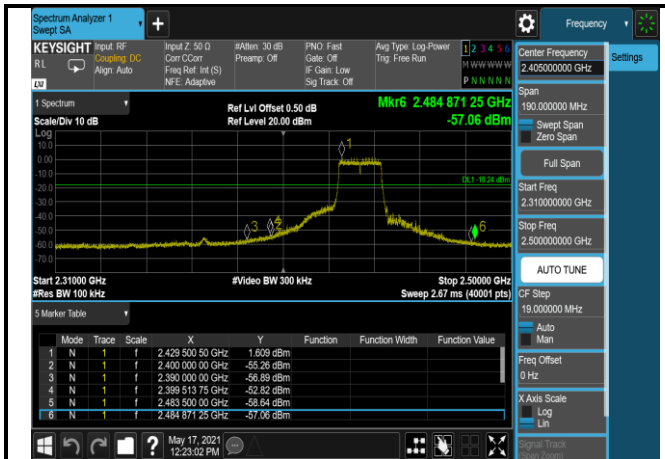
802.11n(HT20),2437MHz,Ant0,Plot
1,Reference Level



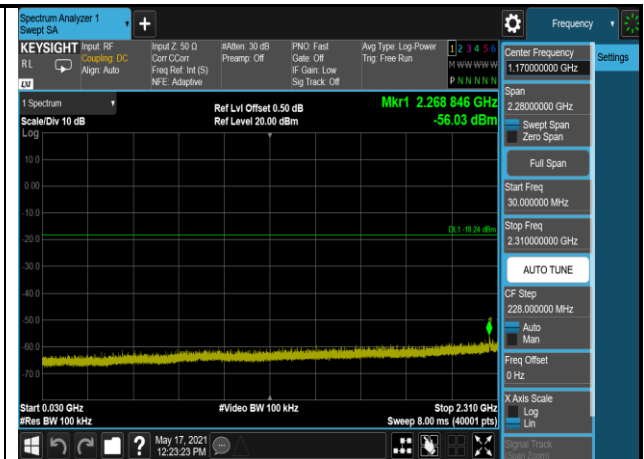
802.11n(HT20),2437MHz,Ant0,Plot
2,Band Edge



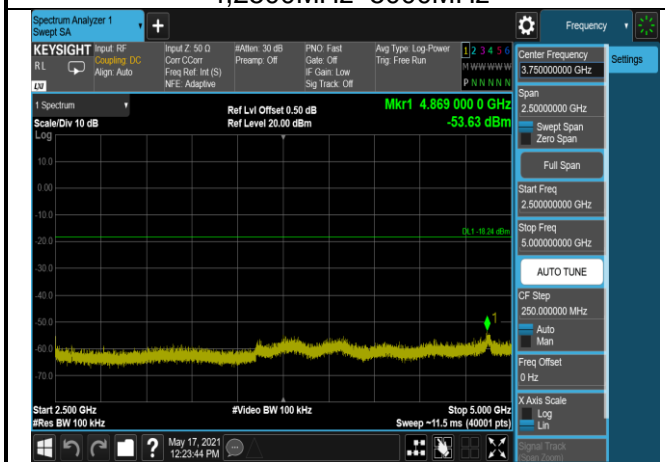
802.11n(HT20),2437MHz,Ant0,Plot
3,30MHz~2310MHz



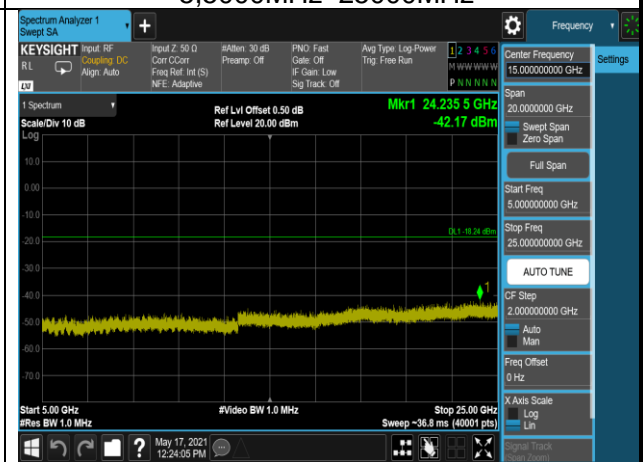
802.11n(HT20),2437MHz,Ant0,Plot
4,2500MHz~5000MHz



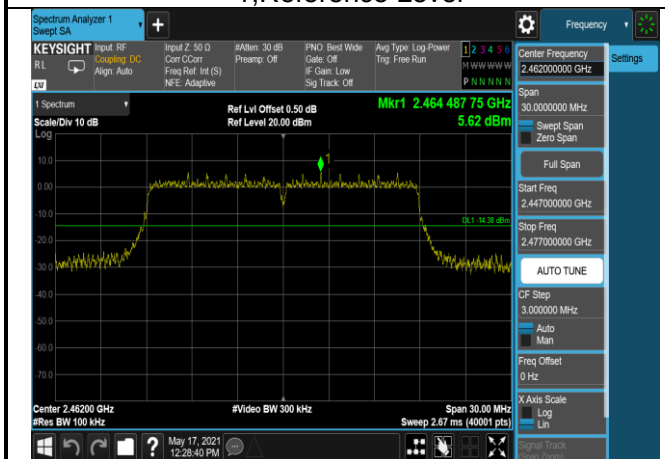
802.11n(HT20),2437MHz,Ant0,Plot
5,5000MHz~25000MHz



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

