

## TEST REPORT



**TEST REPORT**

6. Emission outside the frequency band

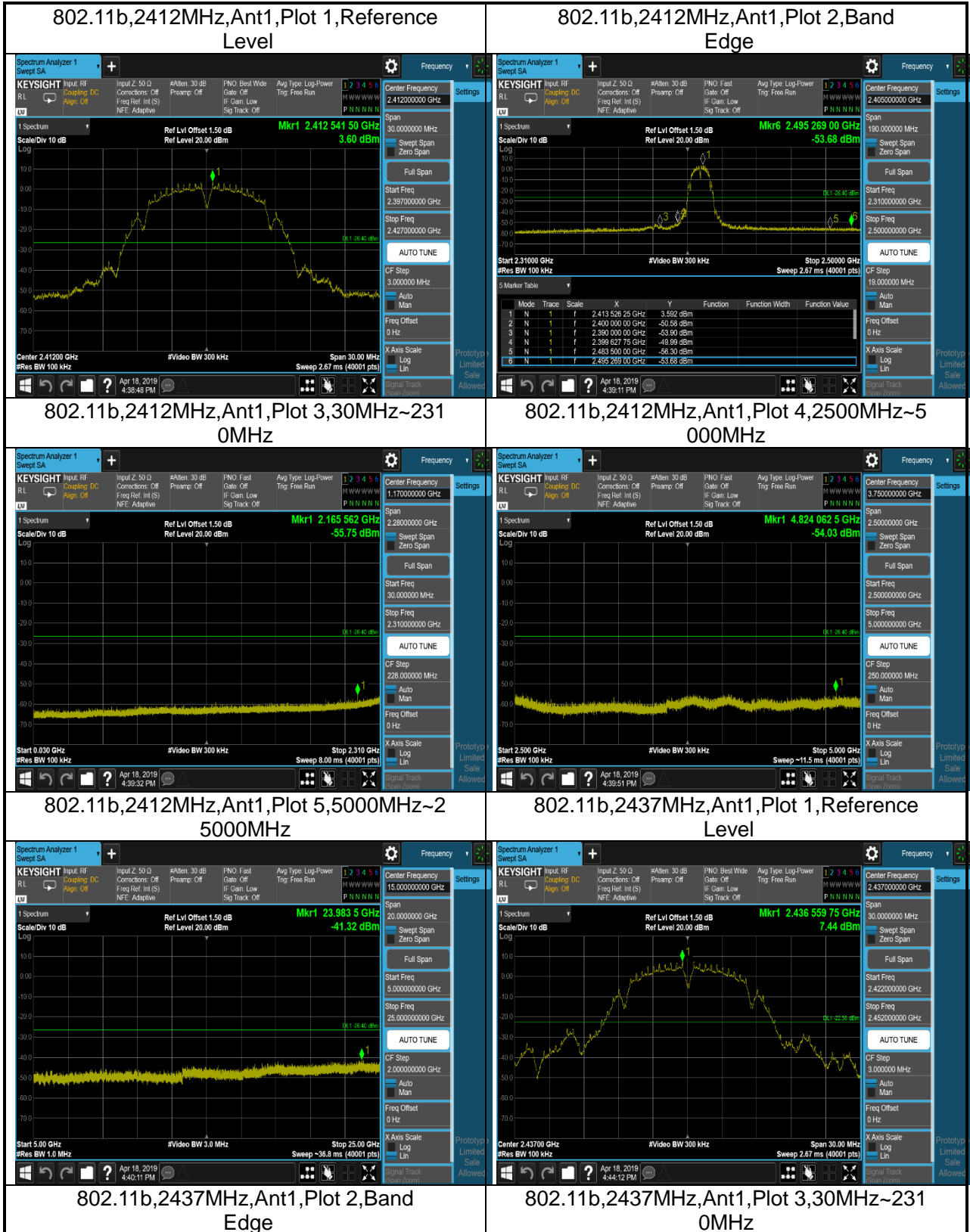
6.1 Test Data

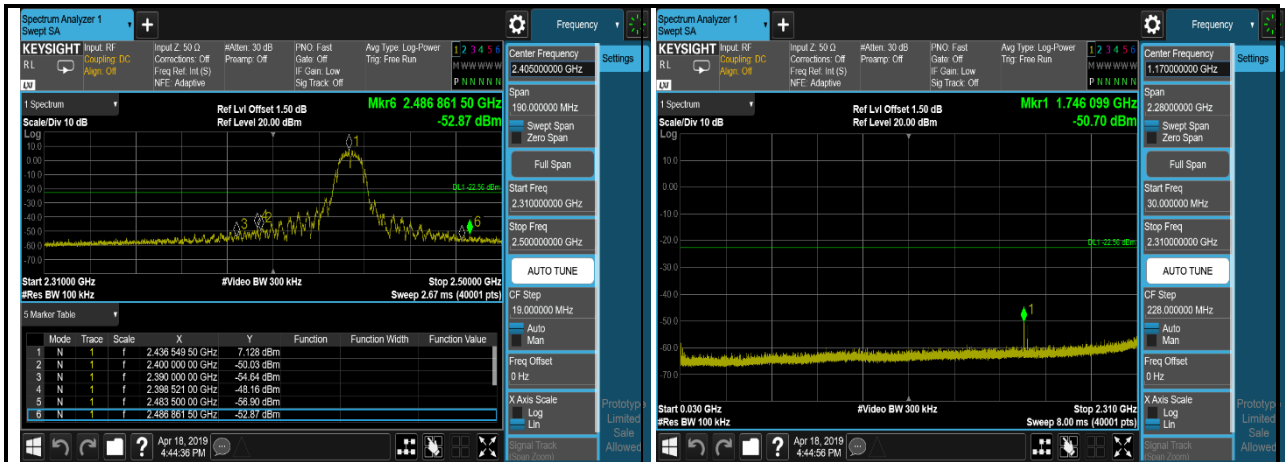
WLAN Transmitter Spurious Emission						
Mode	Test Frequency (MHz)	Ant	Plot No.	Frequency Range	Emission (dBm)	Result
802.11b	2412	Ant1	1	Reference Level	3.60	Pass
802.11b	2412	Ant1	2	Band Edge	-49.99	Pass
802.11b	2412	Ant1	3	30MHz~2310MHz	-55.75	Pass
802.11b	2412	Ant1	4	2500MHz~5000MHz	-54.03	Pass
802.11b	2412	Ant1	5	5000MHz~25000MHz	-41.32	Pass
802.11b	2437	Ant1	1	Reference Level	7.44	Pass
802.11b	2437	Ant1	2	Band Edge	-48.16	Pass
802.11b	2437	Ant1	3	30MHz~2310MHz	-50.70	Pass
802.11b	2437	Ant1	4	2500MHz~5000MHz	-53.03	Pass
802.11b	2437	Ant1	5	5000MHz~25000MHz	-40.28	Pass
802.11b	2462	Ant1	1	Reference Level	8.64	Pass
802.11b	2462	Ant1	2	Band Edge	-42.66	Pass
802.11b	2462	Ant1	3	30MHz~2310MHz	-56.61	Pass
802.11b	2462	Ant1	4	2500MHz~5000MHz	-51.85	Pass
802.11b	2462	Ant1	5	5000MHz~25000MHz	-41.22	Pass
802.11g	2412	Ant1	1	Reference Level	0.11	Pass
802.11g	2412	Ant1	2	Band Edge	-38.69	Pass
802.11g	2412	Ant1	3	30MHz~2310MHz	-54.05	Pass
802.11g	2412	Ant1	4	2500MHz~5000MHz	-54.26	Pass
802.11g	2412	Ant1	5	5000MHz~25000MHz	-40.40	Pass
802.11g	2462	Ant1	1	Reference Level	5.69	Pass
802.11g	2462	Ant1	2	Band Edge	-34.09	Pass
802.11g	2462	Ant1	3	30MHz~2310MHz	-49.43	Pass
802.11g	2462	Ant1	4	2500MHz~5000MHz	-44.65	Pass
802.11g	2462	Ant1	5	5000MHz~25000MHz	-40.96	Pass
802.11n (HT20)	2412	Ant1	1	Reference Level	0.00	Pass

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802.11n (HT20)	2412	Ant1	2	Band Edge	-37.69	Pass
802.11n (HT20)	2412	Ant1	3	30MHz~2310MHz	-55.86	Pass
802.11n (HT20)	2412	Ant1	4	2500MHz~5000MHz	-54.34	Pass
802.11n (HT20)	2412	Ant1	5	5000MHz~25000MHz	-40.73	Pass
802.11n (HT20)	2437	Ant1	1	Reference Level	4.40	Pass
802.11n (HT20)	2437	Ant1	2	Band Edge	-46.36	Pass
802.11n (HT20)	2437	Ant1	3	30MHz~2310MHz	-54.61	Pass
802.11n (HT20)	2437	Ant1	4	2500MHz~5000MHz	-54.98	Pass
802.11n (HT20)	2437	Ant1	5	5000MHz~25000MHz	-41.09	Pass
802.11n (HT20)	2462	Ant1	1	Reference Level	5.77	Pass
802.11n (HT20)	2462	Ant1	2	Band Edge	-32.20	Pass
802.11n (HT20)	2462	Ant1	3	30MHz~2310MHz	-56.24	Pass
802.11n (HT20)	2462	Ant1	4	2500MHz~5000MHz	-46.88	Pass
802.11n (HT20)	2462	Ant1	5	5000MHz~25000MHz	-40.82	Pass

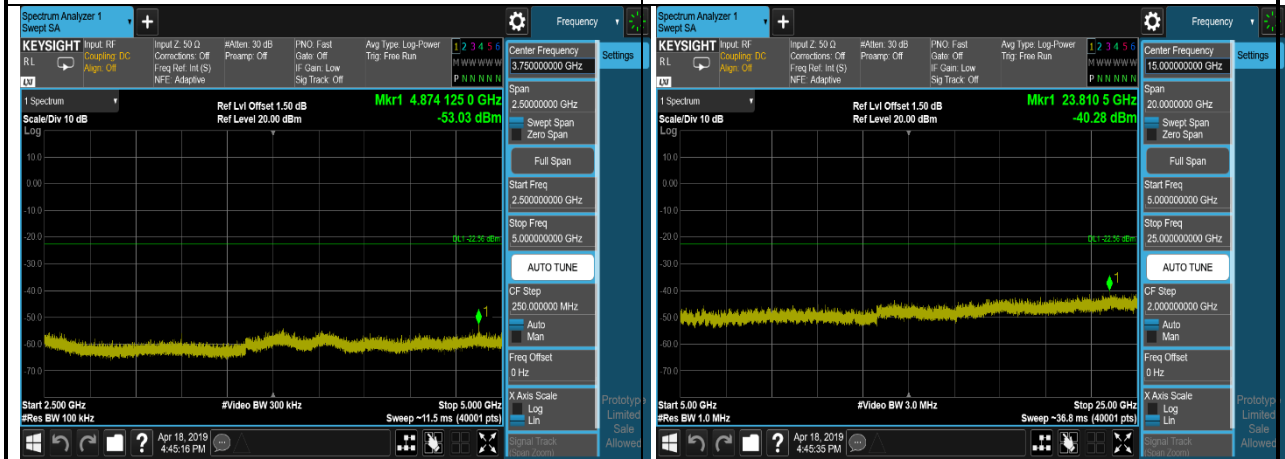
## 9.2 Test Plots





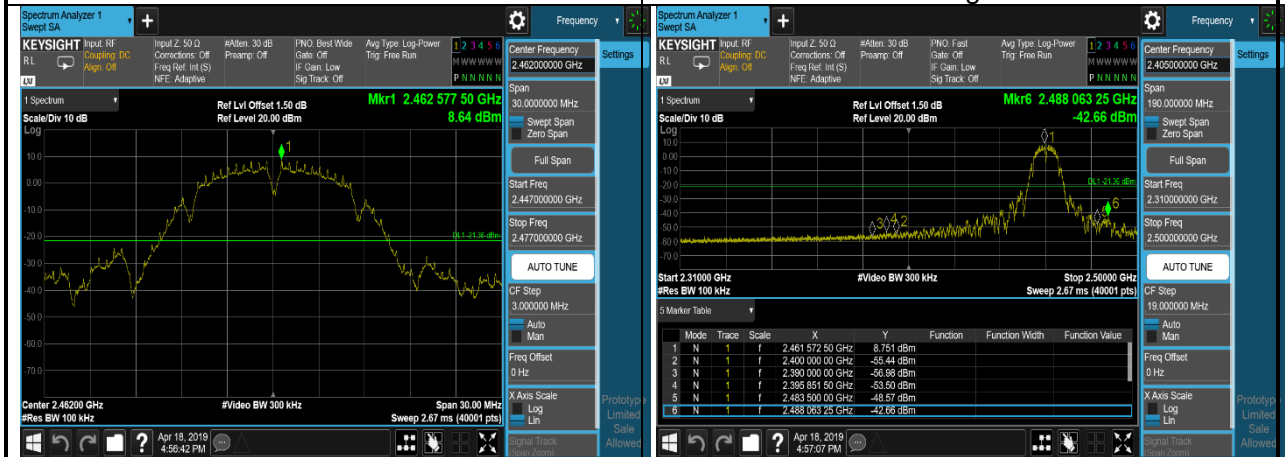
802.11b,2437MHz,Ant1,Plot 4,2500MHz~5000MHz

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



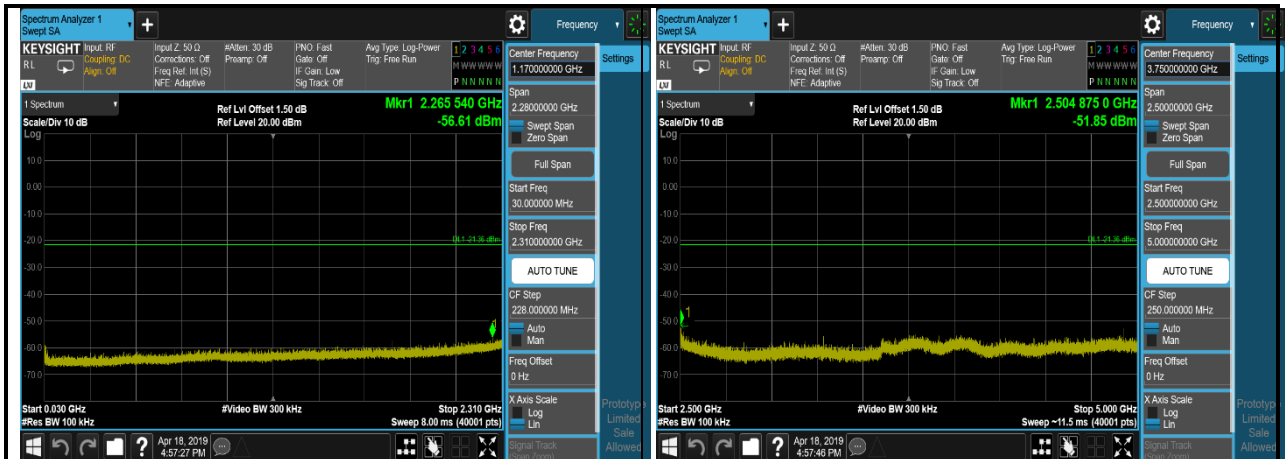
802.11b,2462MHz,Ant1,Plot 1,Reference Level

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

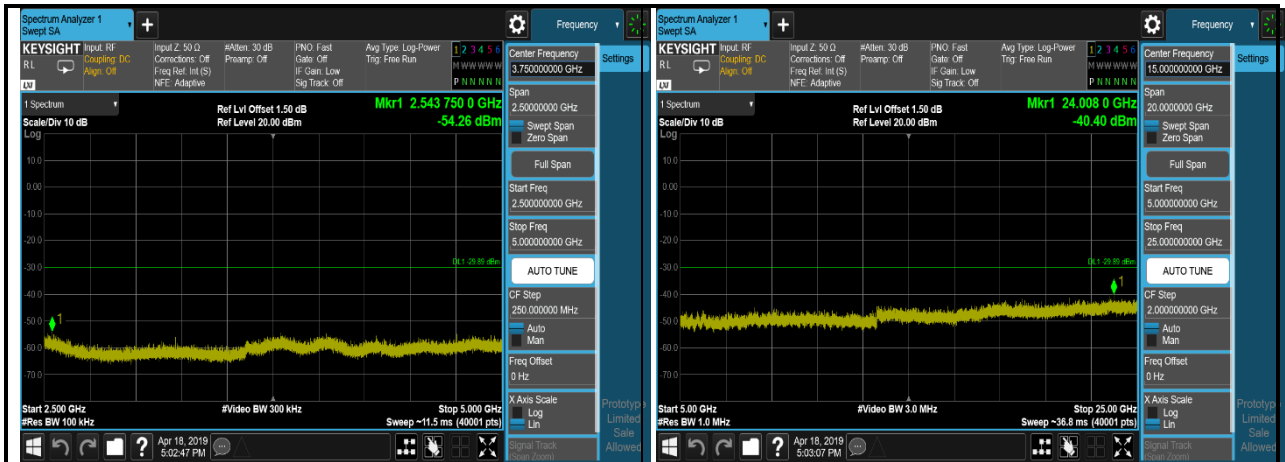
802.11g,2412MHz,Ant1,Plot 3,30MHz~2310MHz



802.11g,2412MHz,Ant1,Plot 4,2500MHz~5000MHz

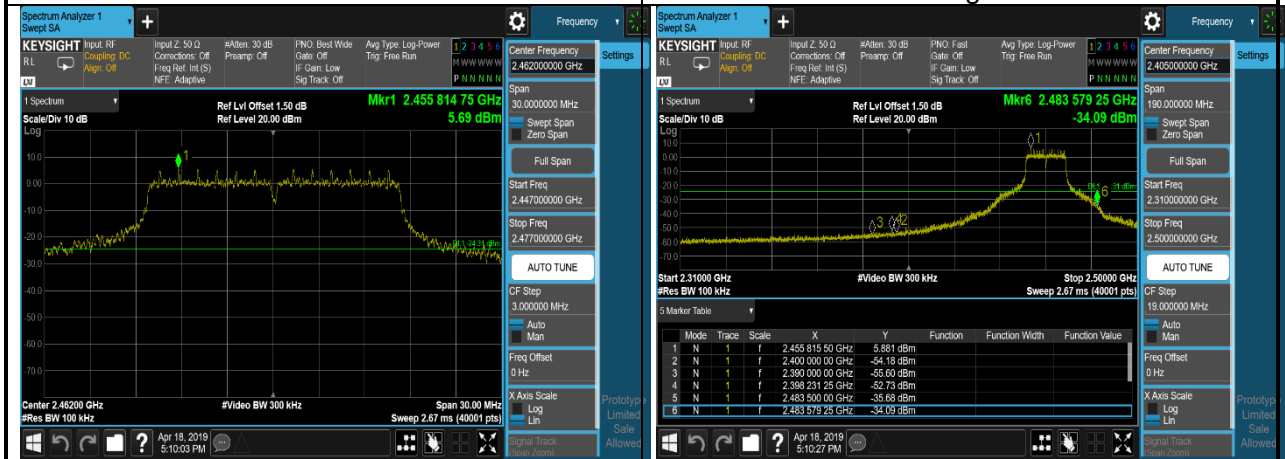
802.11g,2412MHz,Ant1,Plot 5,5000MHz~25000MHz





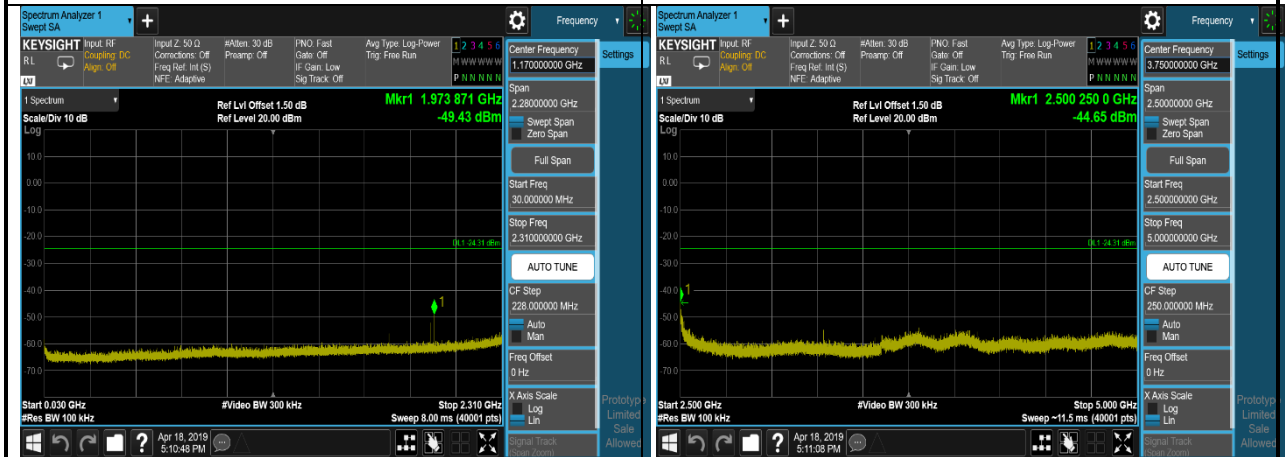
802.11g,2462MHz,Ant1,Plot 1,Reference Level

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



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

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

802.11n(HT20),2412MHz,Ant1,Plot 5,5000MHz~25000MHz



802.11n(HT20),2437MHz,Ant1,Plot 1,Reference Level

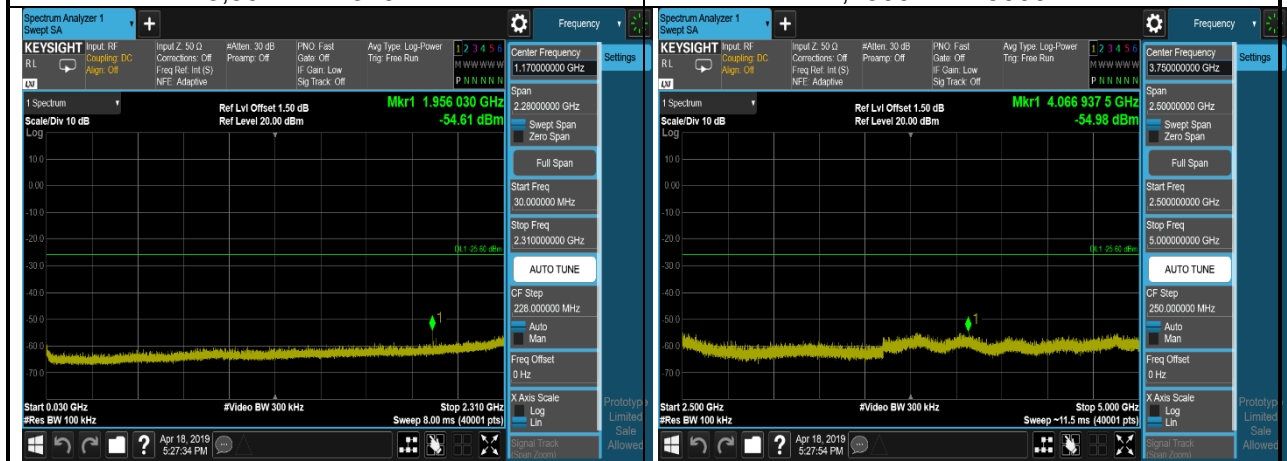
802.11n(HT20),2437MHz,Ant1,Plot 2,Band Edge





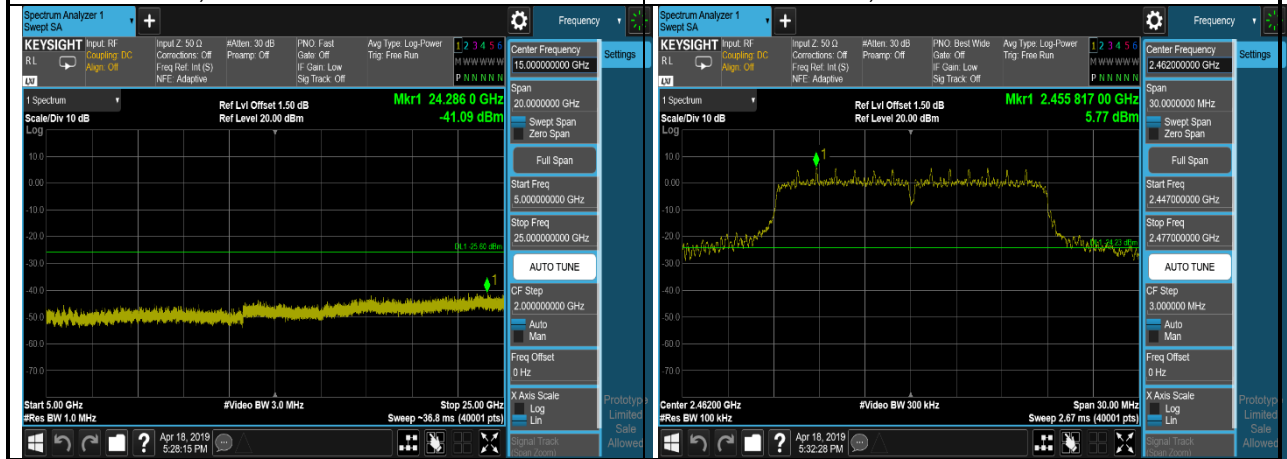
802.11n(HT20),2437MHz,Ant1,Plot  
3,30MHz~2310MHz

802.11n(HT20),2437MHz,Ant1,Plot  
4,2500MHz~5000MHz



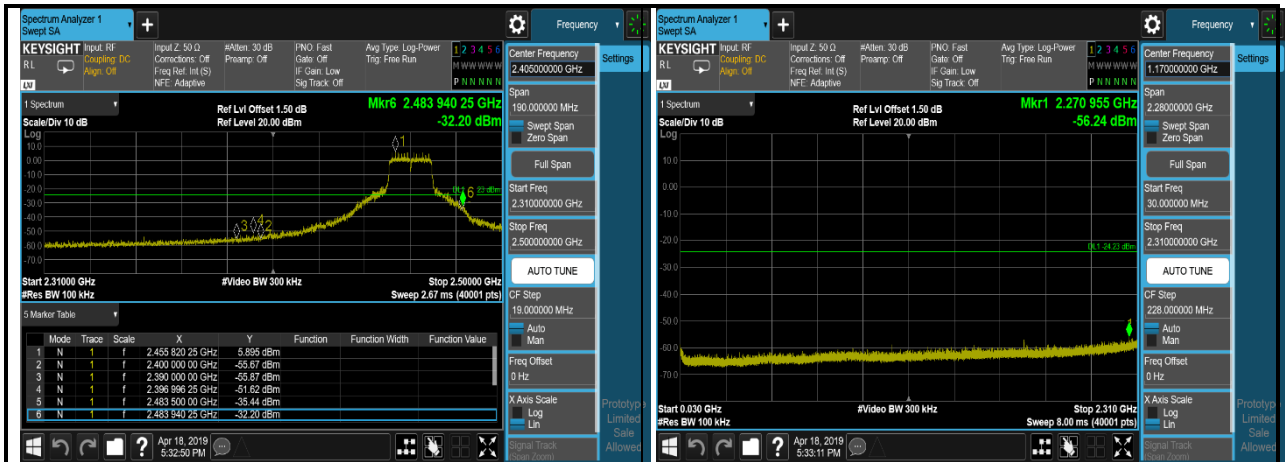
802.11n(HT20),2437MHz,Ant1,Plot  
5,5500MHz~25000MHz

802.11n(HT20),2462MHz,Ant1,Plot  
1,Reference Level



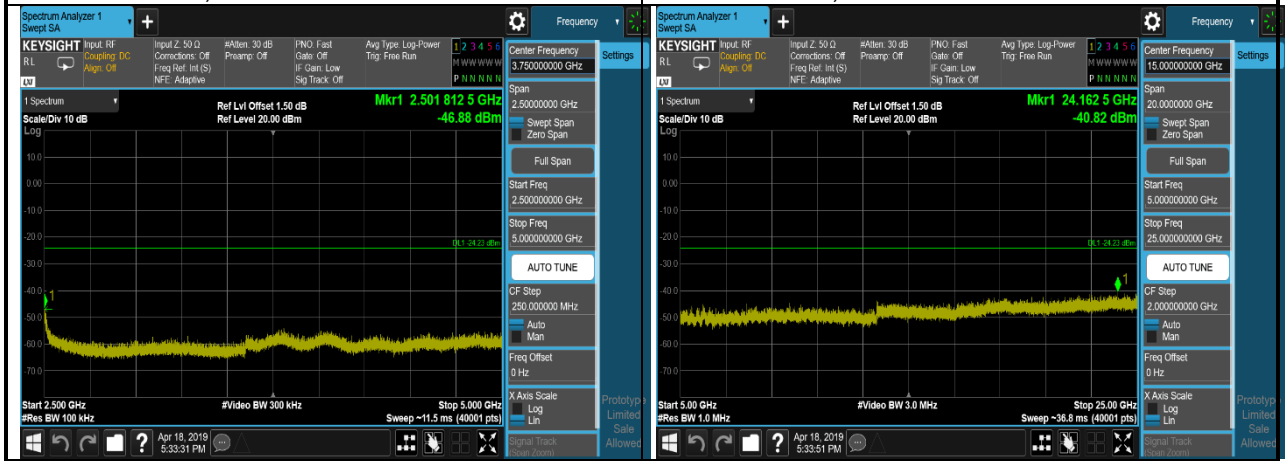
802.11n(HT20),2462MHz,Ant1,Plot  
2,Band Edge

802.11n(HT20),2462MHz,Ant1,Plot  
3,30MHz~2310MHz



802.11n(HT20),2462MHz,Ant1,Plot  
4,2500MHz~5000MHz

802.11n(HT20),2462MHz,Ant1,Plot  
5,5000MHz~25000MHz



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