

**TEST REPORT**

6. Emission outside the frequency band

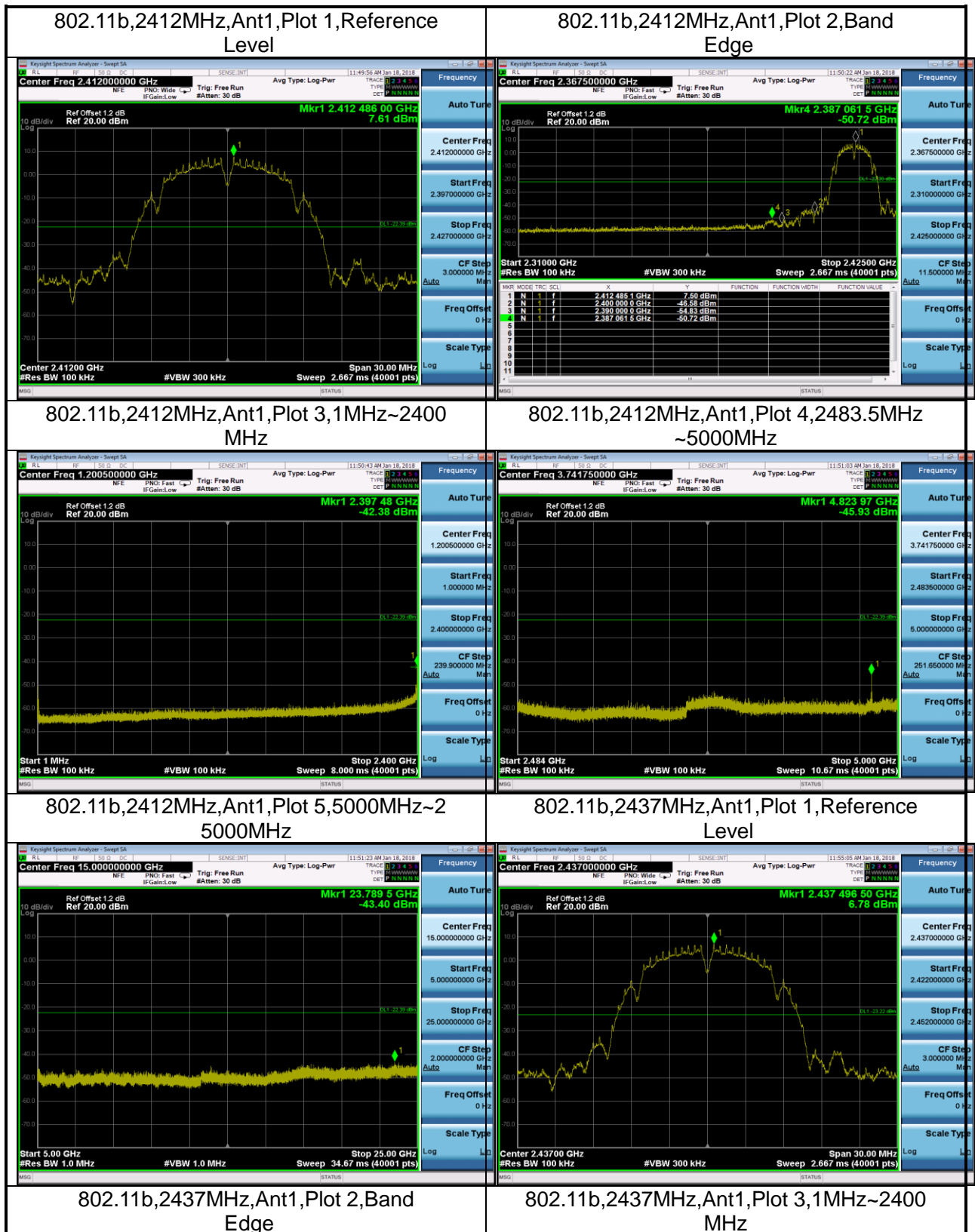
6.1 Test Result and Data

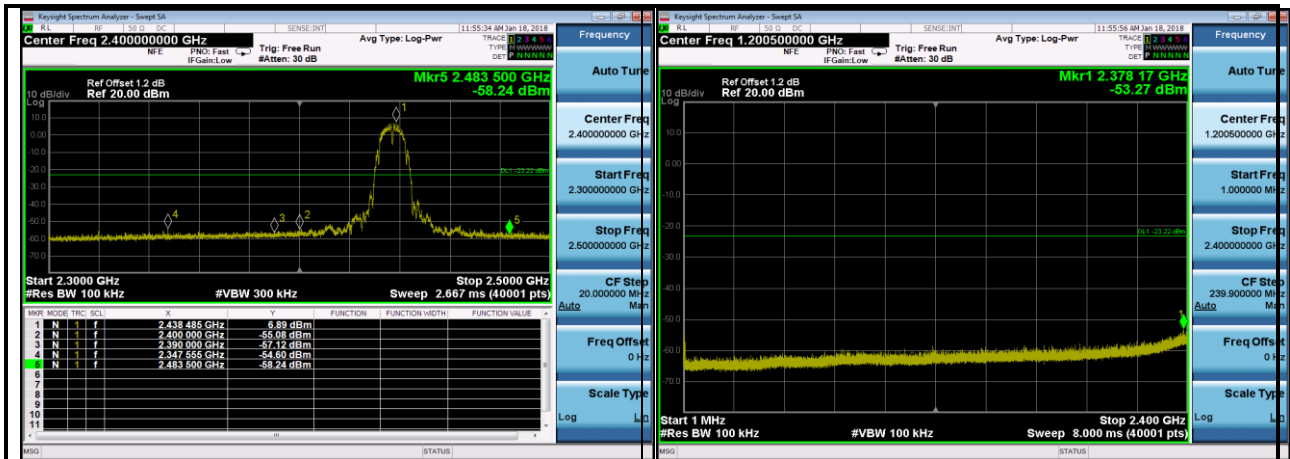
WLAN Transmitter Spurious Emission						
Mode	Test Frequency(MHz)	Ant	Test No.	Frequency Range	Emission(dBm)	Result
802.11b	2412	Ant1	1	Reference Level	7.61	Pass
802.11b	2412	Ant1	2	Band Edge	-42.71	Pass
802.11b	2412	Ant1	3	1MHz~2400MHz	-42.38	Pass
802.11b	2412	Ant1	4	2483.5MHz~5000MHz	-45.93	Pass
802.11b	2412	Ant1	5	5000MHz~25000MHz	-43.40	Pass
802.11b	2437	Ant1	1	Reference Level	6.78	Pass
802.11b	2437	Ant1	2	Band Edge	-54.60	Pass
802.11b	2437	Ant1	3	1MHz~2400MHz	-53.27	Pass
802.11b	2437	Ant1	4	2483.5MHz~5000MHz	-44.33	Pass
802.11b	2437	Ant1	5	5000MHz~25000MHz	-43.66	Pass
802.11b	2462	Ant1	1	Reference Level	6.96	Pass
802.11b	2462	Ant1	2	Band Edge	-52.74	Pass
802.11b	2462	Ant1	3	1MHz~2400MHz	-50.44	Pass
802.11b	2462	Ant1	4	2483.5MHz~5000MHz	-48.59	Pass
802.11b	2462	Ant1	5	5000MHz~25000MHz	-43.60	Pass
802.11g	2412	Ant1	1	Reference Level	2.62	Pass
802.11g	2412	Ant1	2	Band Edge	-36.33	Pass
802.11g	2412	Ant1	3	1MHz~2400MHz	-36.51	Pass
802.11g	2412	Ant1	4	2483.5MHz~5000MHz	-53.68	Pass
802.11g	2412	Ant1	5	5000MHz~25000MHz	-43.50	Pass
802.11g	2437	Ant1	1	Reference Level	2.67	Pass
802.11g	2437	Ant1	2	Band Edge	-53.92	Pass
802.11g	2437	Ant1	3	1MHz~2400MHz	-50.94	Pass
802.11g	2437	Ant1	4	2483.5MHz~5000MHz	-53.93	Pass
802.11g	2437	Ant1	5	5000MHz~25000MHz	-43.61	Pass
802.11g	2462	Ant1	1	Reference Level	3.28	Pass
802.11g	2462	Ant1	2	Band Edge	-43.66	Pass
802.11g	2462	Ant1	3	1MHz~2400MHz	-47.84	Pass

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802.11g	2462	Ant1	4	2483.5MHz~5000MHz	-44.63	Pass
802.11g	2462	Ant1	5	5000MHz~25000MHz	-43.65	Pass
802.11n(HT20)	2412	Ant1	1	Reference Level	2.5	Pass
802.11n(HT20)	2412	Ant1	2	Band Edge	-33.88	Pass
802.11n(HT20)	2412	Ant1	3	1MHz~2400MHz	-32.53	Pass
802.11n(HT20)	2412	Ant1	4	2483.5MHz~5000MHz	-53.48	Pass
802.11n(HT20)	2412	Ant1	5	5000MHz~25000MHz	-43.37	Pass
802.11n(HT20)	2437	Ant1	1	Reference Level	2.72	Pass
802.11n(HT20)	2437	Ant1	2	Band Edge	-54.00	Pass
802.11n(HT20)	2437	Ant1	3	1MHz~2400MHz	-51.88	Pass
802.11n(HT20)	2437	Ant1	4	2483.5MHz~5000MHz	-53.10	Pass
802.11n(HT20)	2437	Ant1	5	5000MHz~25000MHz	-42.56	Pass
802.11n(HT20)	2462	Ant1	1	Reference Level	3.47	Pass
802.11n(HT20)	2462	Ant1	2	Band Edge	-42.76	Pass
802.11n(HT20)	2462	Ant1	3	1MHz~2400MHz	-50.46	Pass
802.11n(HT20)	2462	Ant1	4	2483.5MHz~5000MHz	-43.08	Pass
802.11n(HT20)	2462	Ant1	5	5000MHz~25000MHz	-43.51	Pass

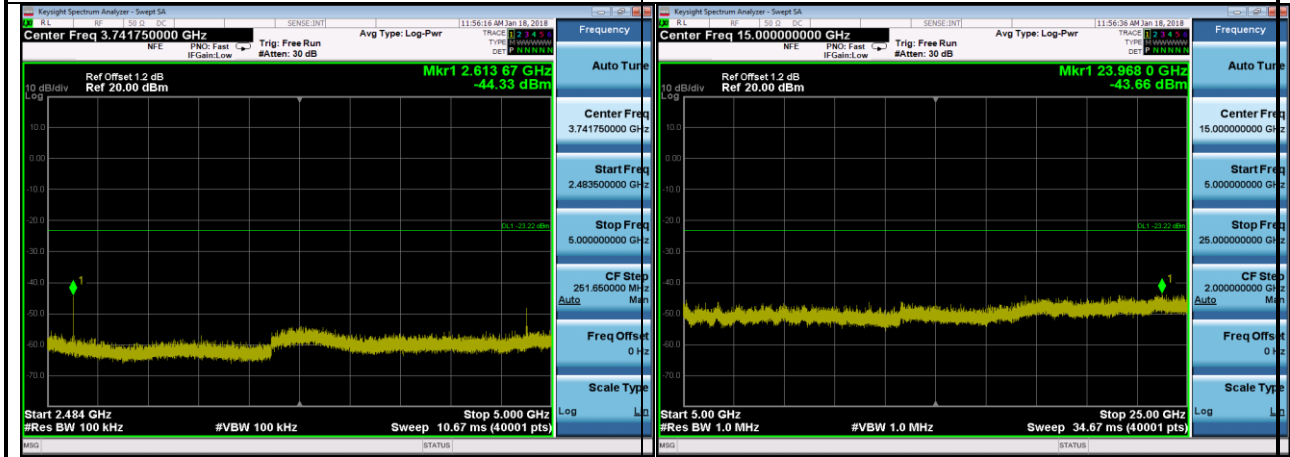
### 6.2 Test plots





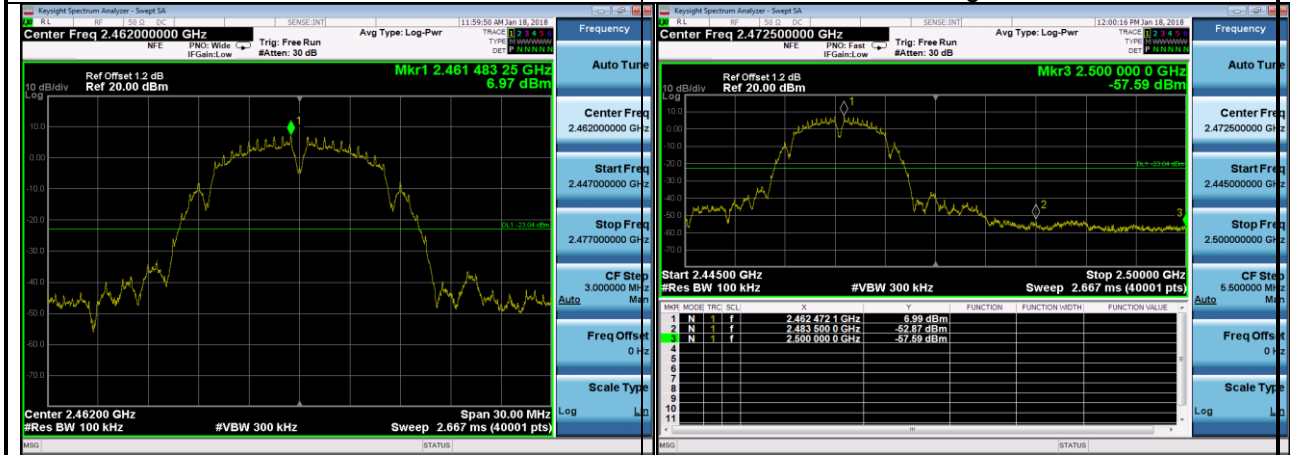
802.11b,2437MHz,Ant1,Plot 4,2483.5MHz ~5000MHz

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



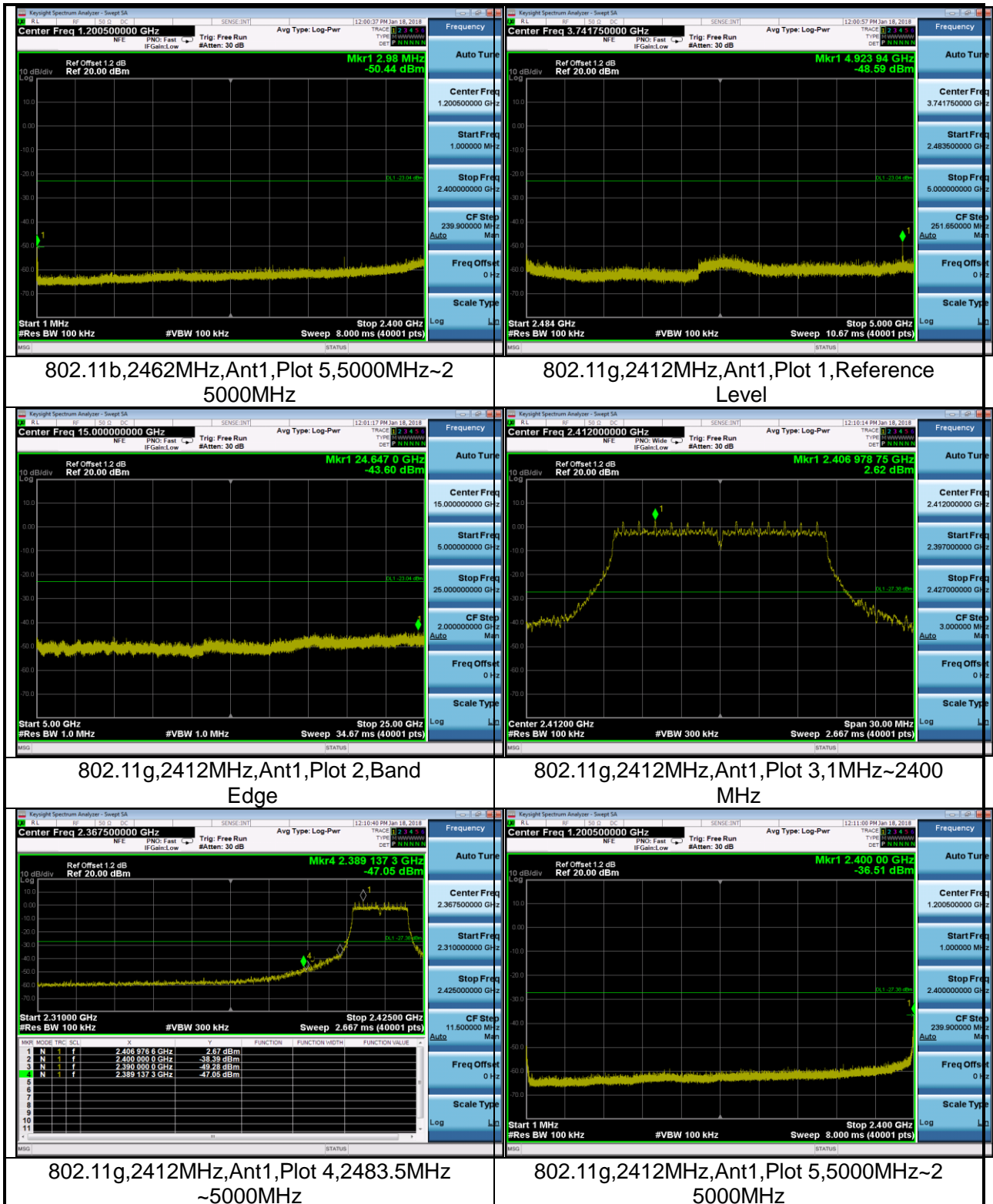
802.11b,2462MHz,Ant1,Plot 1,Reference Level

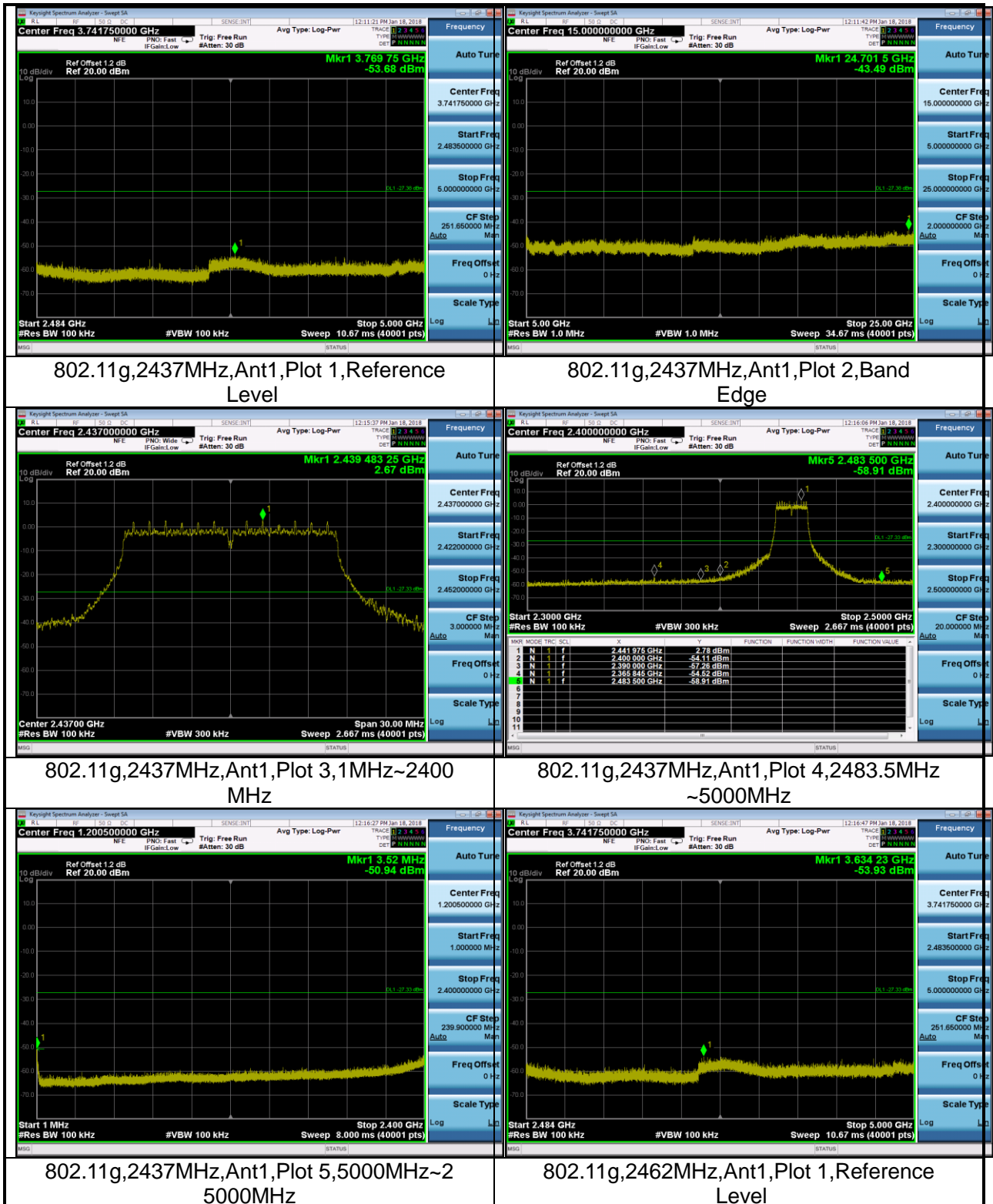
802.11b,2462MHz,Ant1,Plot 2,Band Edge

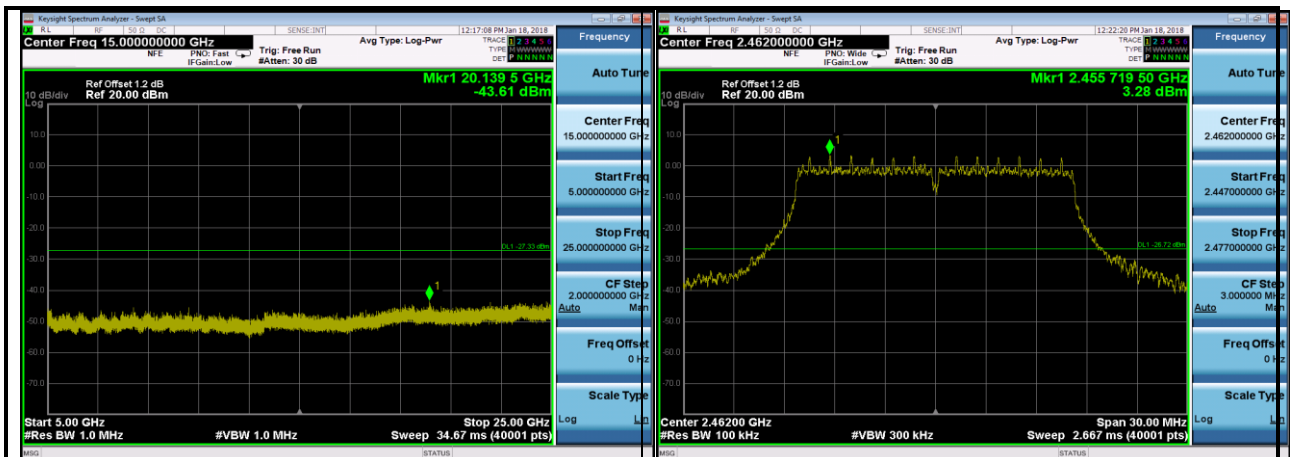


802.11b,2462MHz,Ant1,Plot 3,1MHz~2400 MHz

802.11b,2462MHz,Ant1,Plot 4,2483.5MHz ~5000MHz

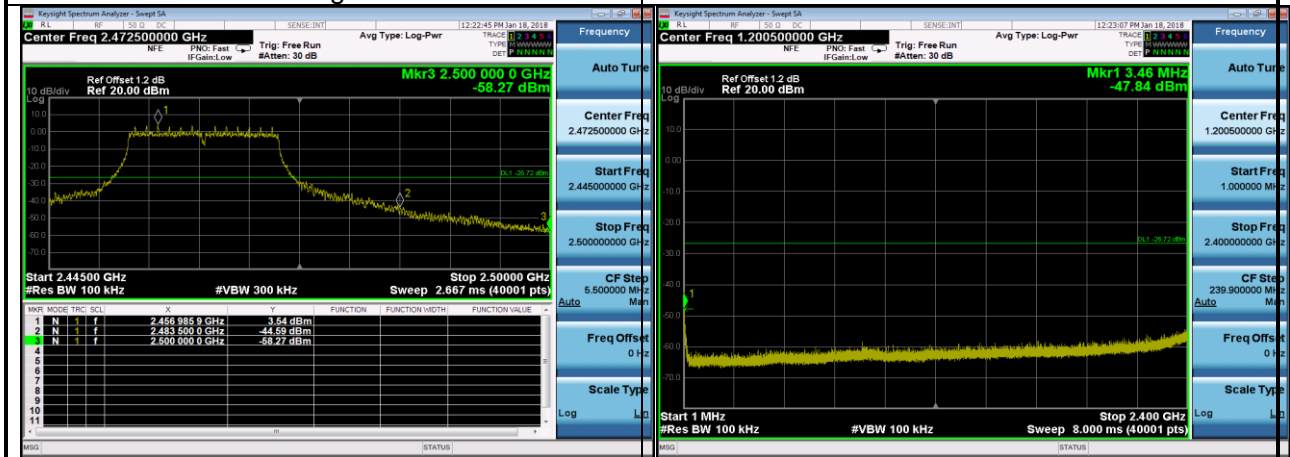






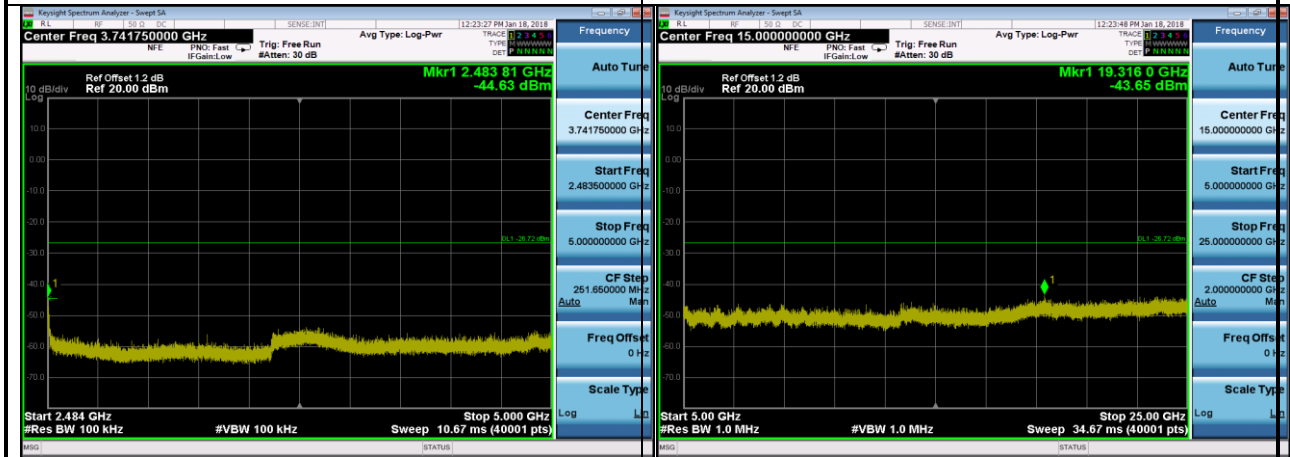
802.11g,2462MHz,Ant1,Plot 2,Band Edge

802.11g,2462MHz,Ant1,Plot 3,1MHz~2400 MHz



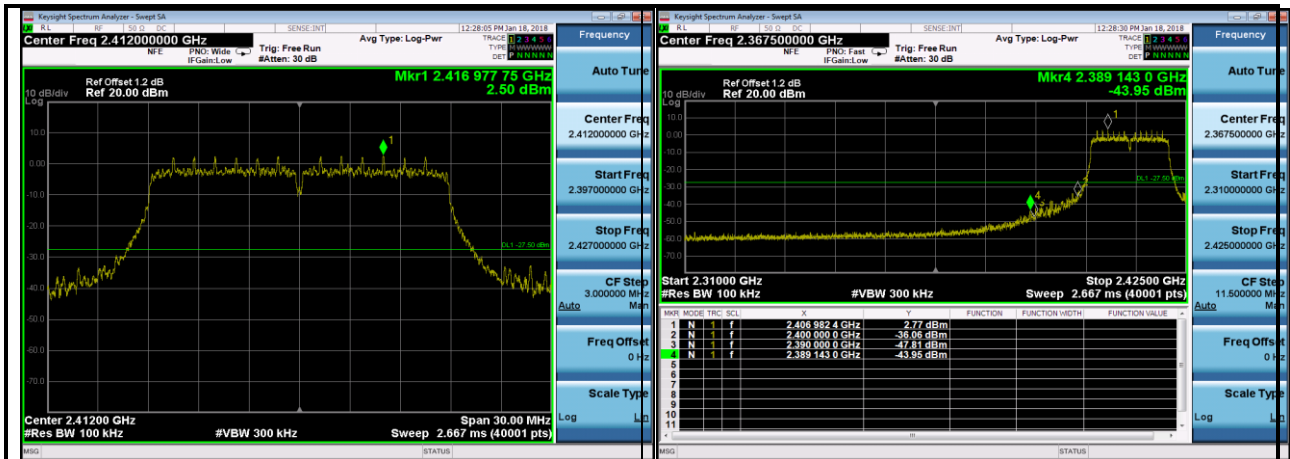
802.11g,2462MHz,Ant1,Plot 4,2483.5MHz ~5000MHz

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



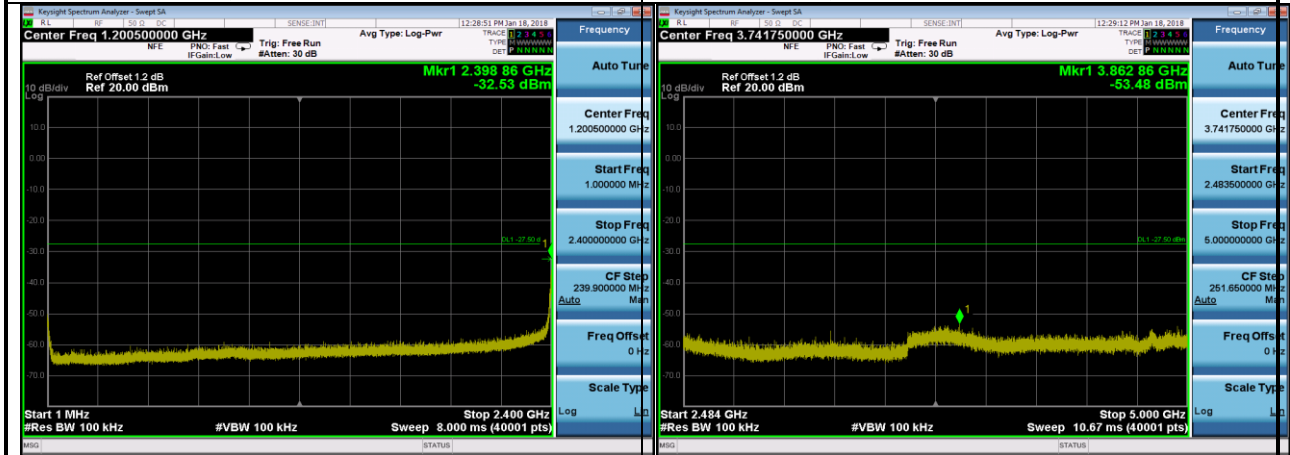
802.11n(HT20),2412MHz,Ant1,Plot 1,Reference Level

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



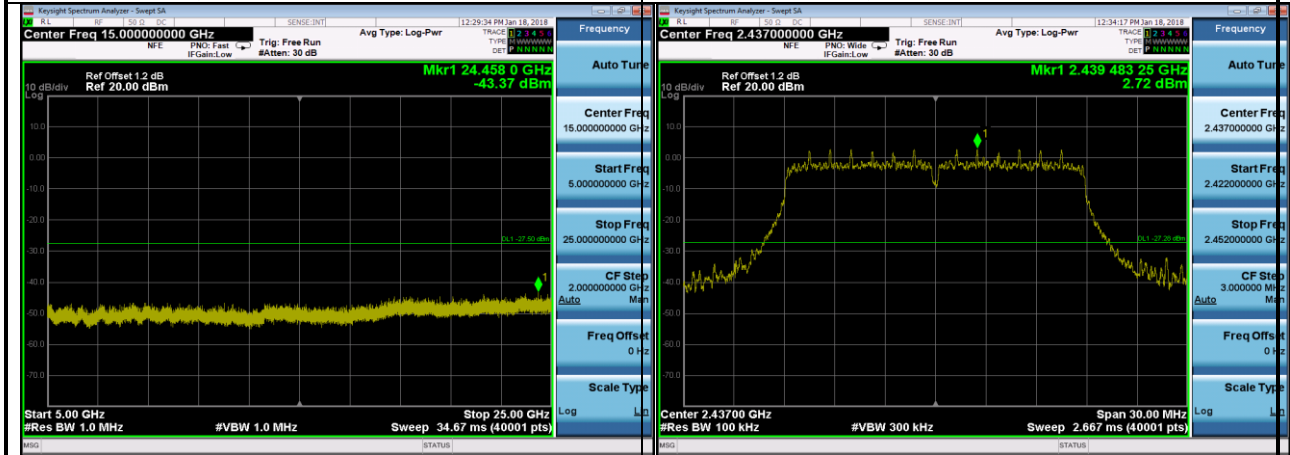
802.11n(HT20),2412MHz,Ant1,Plot 3,1MHz~2400MHz

802.11n(HT20),2412MHz,Ant1,Plot 4,2483.5MHz~5000MHz



802.11n(HT20),2412MHz,Ant1,Plot 5,5500MHz~25000MHz

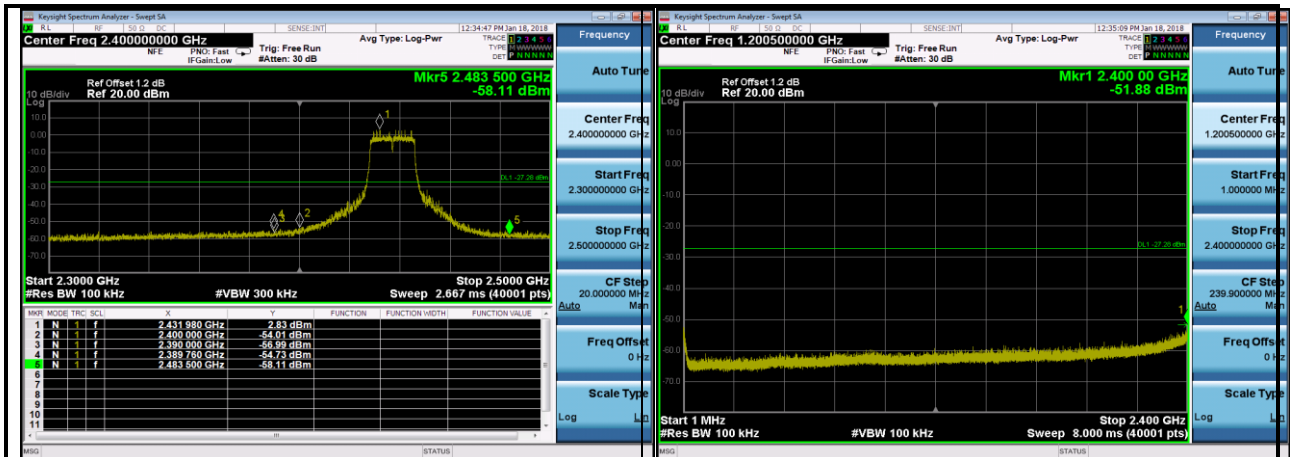
802.11n(HT20),2437MHz,Ant1,Plot 1,Reference Level



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

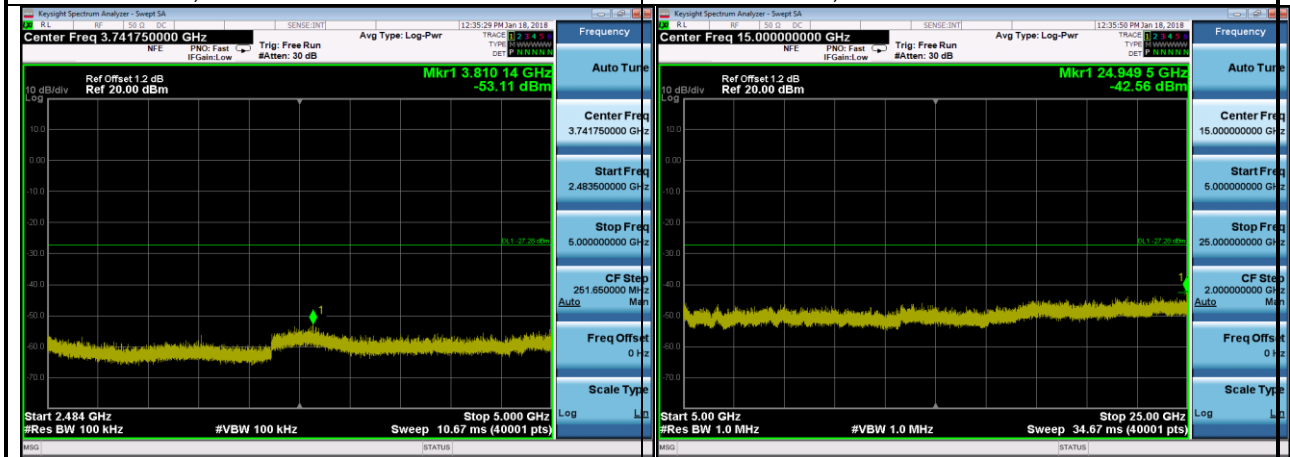
802.11n(HT20),2437MHz,Ant1,Plot 3,1MHz~2400MHz





802.11n(HT20),2437MHz,Ant1,Plot  
4,2483.5MHz~5000MHz

802.11n(HT20),2437MHz,Ant1,Plot  
5,5000MHz~25000MHz



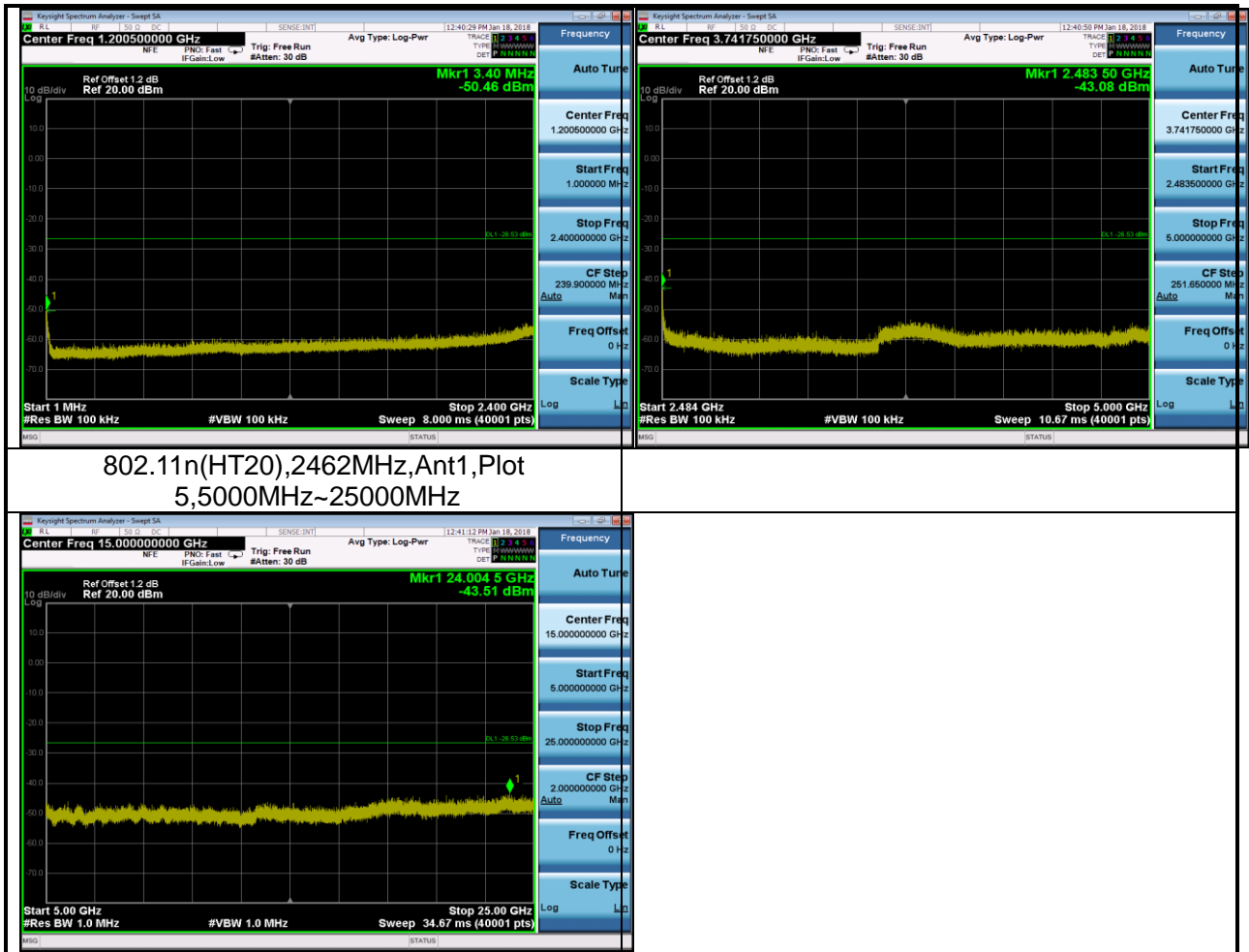
802.11n(HT20),2462MHz,Ant1,Plot  
1,Reference Level

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



802.11n(HT20),2462MHz,Ant1,Plot  
3,1MHz~2400MHz

802.11n(HT20),2462MHz,Ant1,Plot  
4,2483.5MHz~5000MHz



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