

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	Ant0	1	Reference Level	4.51	Pass
802.11b	2412	Ant0	2	Band Edge	-32.30	Pass
802.11b	2412	Ant0	3	30MHz~2310MHz	-40.38	Pass
802.11b	2412	Ant0	4	2500MHz~5000MHz	-42.64	Pass
802.11b	2412	Ant0	5	5000MHz~25000MHz	-40.99	Pass
802.11b	2437	Ant0	1	Reference Level	4.83	Pass
802.11b	2437	Ant0	2	Band Edge	-54.83	Pass
802.11b	2437	Ant0	3	30MHz~2310MHz	-57.42	Pass
802.11b	2437	Ant0	4	2500MHz~5000MHz	-42.49	Pass
802.11b	2437	Ant0	5	5000MHz~25000MHz	-40.95	Pass
802.11b	2462	Ant0	1	Reference Level	5.04	Pass
802.11b	2462	Ant0	2	Band Edge	-48.48	Pass
802.11b	2462	Ant0	3	30MHz~2310MHz	-57.04	Pass
802.11b	2462	Ant0	4	2500MHz~5000MHz	-43.62	Pass
802.11b	2462	Ant0	5	5000MHz~25000MHz	-40.23	Pass
802.11g	2412	Ant0	1	Reference Level	4.55	Pass
802.11g	2412	Ant0	2	Band Edge	-32.32	Pass
802.11g	2412	Ant0	3	30MHz~2310MHz	-56.02	Pass
802.11g	2412	Ant0	4	2500MHz~5000MHz	-49.03	Pass
802.11g	2412	Ant0	5	5000MHz~25000MHz	-40.74	Pass
802.11g	2437	Ant0	1	Reference Level	6.43	Pass
802.11g	2437	Ant0	2	Band Edge	-50.69	Pass
802.11g	2437	Ant0	3	30MHz~2310MHz	-56.89	Pass
802.11g	2437	Ant0	4	2500MHz~5000MHz	-44.62	Pass
802.11g	2437	Ant0	5	5000MHz~25000MHz	-39.48	Pass

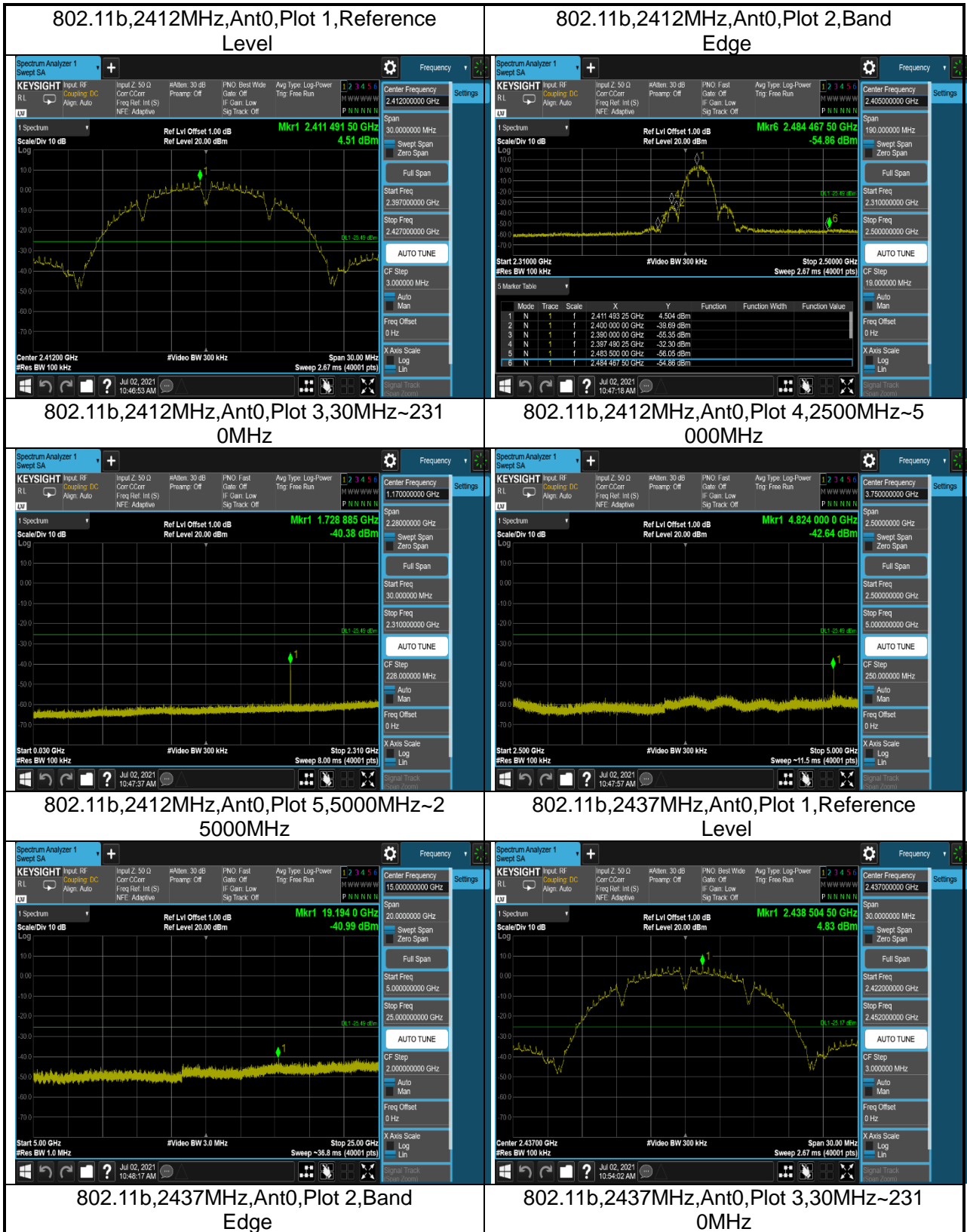
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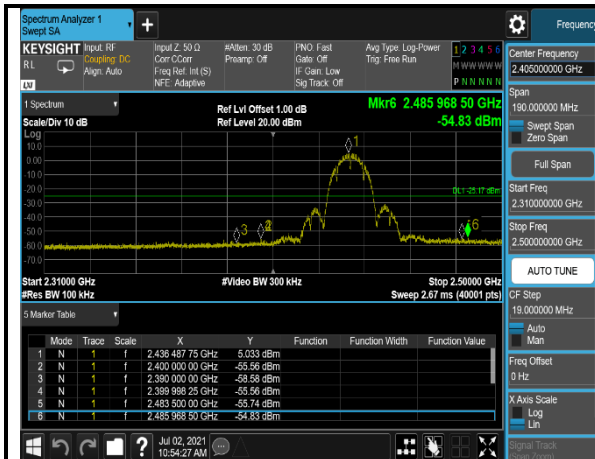
802.11g	2462	Ant0	1	Reference Level	5.40	Pass
802.11g	2462	Ant0	2	Band Edge	-39.78	Pass
802.11g	2462	Ant0	3	30MHz~2310MHz	-56.30	Pass
802.11g	2462	Ant0	4	2500MHz~5000MHz	-48.77	Pass
802.11g	2462	Ant0	5	5000MHz~25000MHz	-41.11	Pass
802.11n (HT20)	2412	Ant0	1	Reference Level	4.65	Pass
802.11n (HT20)	2412	Ant0	2	Band Edge	-32.60	Pass
802.11n (HT20)	2412	Ant0	3	30MHz~2310MHz	-55.76	Pass
802.11n (HT20)	2412	Ant0	4	2500MHz~5000MHz	-48.58	Pass
802.11n (HT20)	2412	Ant0	5	5000MHz~25000MHz	-40.16	Pass
802.11n (HT20)	2437	Ant0	1	Reference Level	4.97	Pass
802.11n (HT20)	2437	Ant0	2	Band Edge	-51.37	Pass
802.11n (HT20)	2437	Ant0	3	30MHz~2310MHz	-55.98	Pass
802.11n (HT20)	2437	Ant0	4	2500MHz~5000MHz	-46.79	Pass
802.11n (HT20)	2437	Ant0	5	5000MHz~25000MHz	-40.69	Pass
802.11n (HT20)	2462	Ant0	1	Reference Level	3.92	Pass
802.11n (HT20)	2462	Ant0	2	Band Edge	-42.31	Pass
802.11n (HT20)	2462	Ant0	3	30MHz~2310MHz	-55.85	Pass
802.11n (HT20)	2462	Ant0	4	2500MHz~5000MHz	-50.92	Pass
802.11n (HT20)	2462	Ant0	5	5000MHz~25000MHz	-40.43	Pass
802.11n (HT40)	2422	Ant0	1	Reference Level	1.48	Pass
802.11n (HT40)	2422	Ant0	2	Band Edge	-31.68	Pass
802.11n (HT40)	2422	Ant0	3	30MHz~2310MHz	-56.07	Pass
802.11n (HT40)	2422	Ant0	4	2500MHz~5000MHz	-50.81	Pass
802.11n (HT40)	2422	Ant0	5	5000MHz~25000MHz	-40.86	Pass
802.11n (HT40)	2437	Ant0	1	Reference Level	1.15	Pass
802.11n (HT40)	2437	Ant0	2	Band Edge	-38.41	Pass

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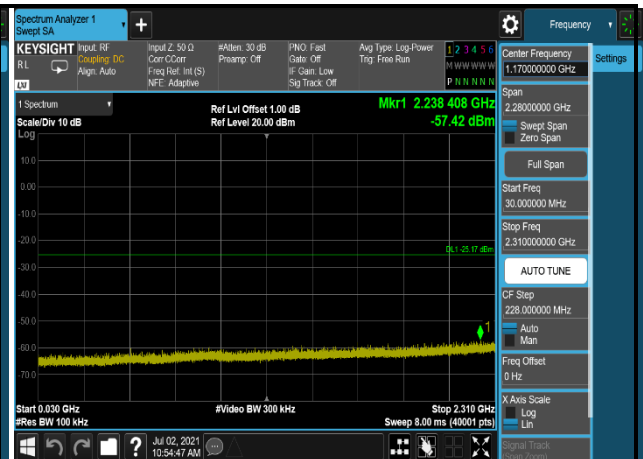
802.11n (HT40)	2437	Ant0	3	30MHz~2310MHz	-55.60	Pass
802.11n (HT40)	2437	Ant0	4	2500MHz~5000MHz	-48.77	Pass
802.11n (HT40)	2437	Ant0	5	5000MHz~25000MHz	-40.13	Pass
802.11n (HT40)	2452	Ant0	1	Reference Level	1.06	Pass
802.11n (HT40)	2452	Ant0	2	Band Edge	-29.26	Pass
802.11n (HT40)	2452	Ant0	3	30MHz~2310MHz	-55.38	Pass
802.11n (HT40)	2452	Ant0	4	2500MHz~5000MHz	-40.43	Pass
802.11n (HT40)	2452	Ant0	5	5000MHz~25000MHz	-40.30	Pass

9.2 Test Plots

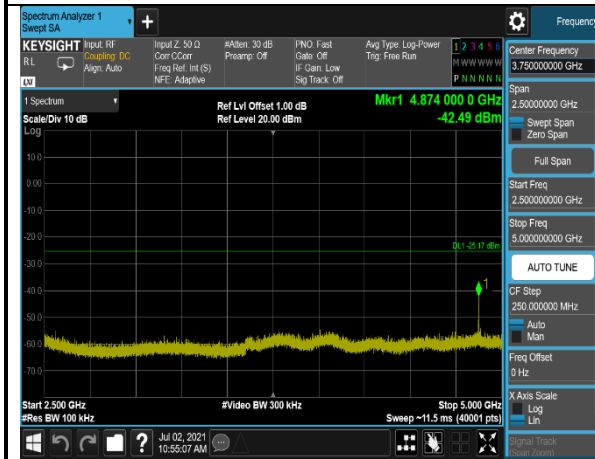




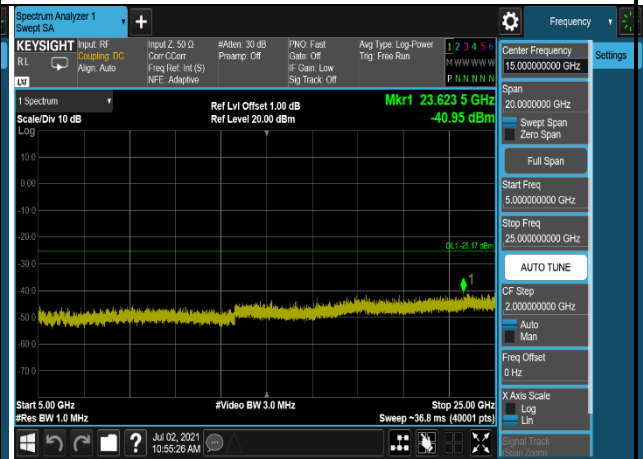
802.11b,2437MHz,Ant0,Plot 4,2500MHz~5000MHz



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



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



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



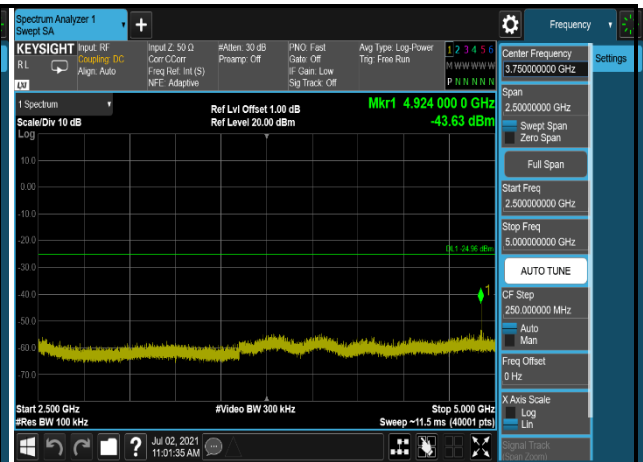
802.11b,2462MHz,Ant0,Plot 3,30MHz~2310MHz



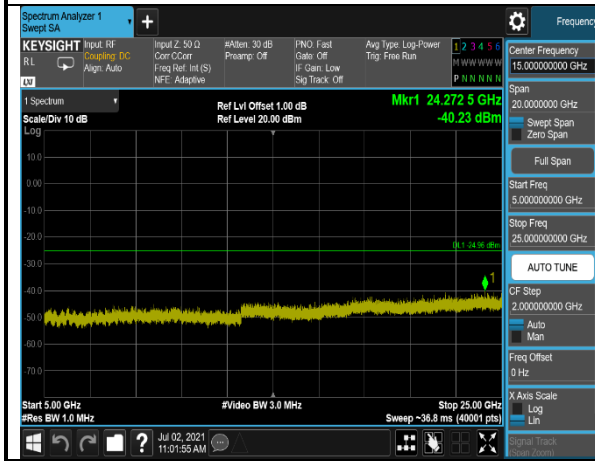
802.11b,2462MHz,Ant0,Plot 4,2500MHz~5000MHz



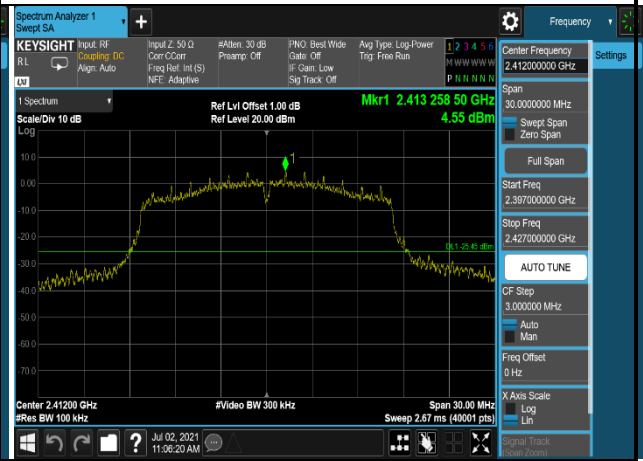
802.11b,2462MHz,Ant0,Plot 1,5000MHz~25000MHz



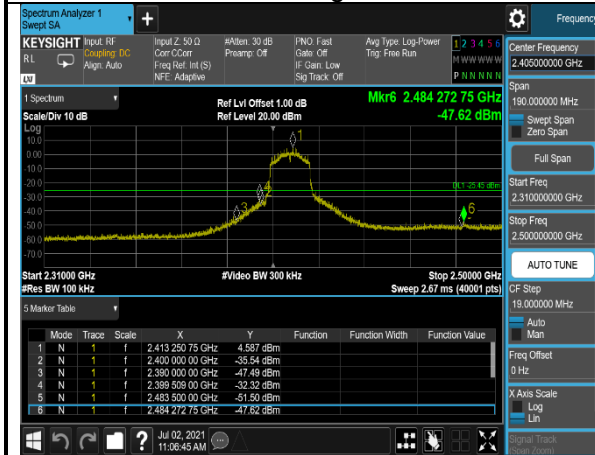
802.11g,2412MHz,Ant0,Plot 2,Reference Level



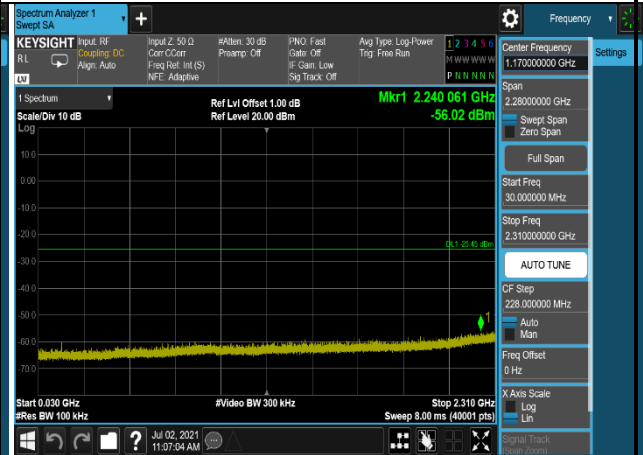
802.11g,2412MHz,Ant0,Plot 3,Band Edge



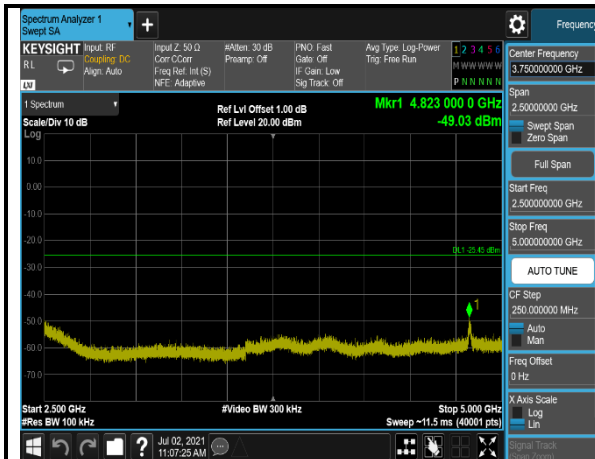
802.11g,2412MHz,Ant0,Plot 4,30MHz~2310MHz



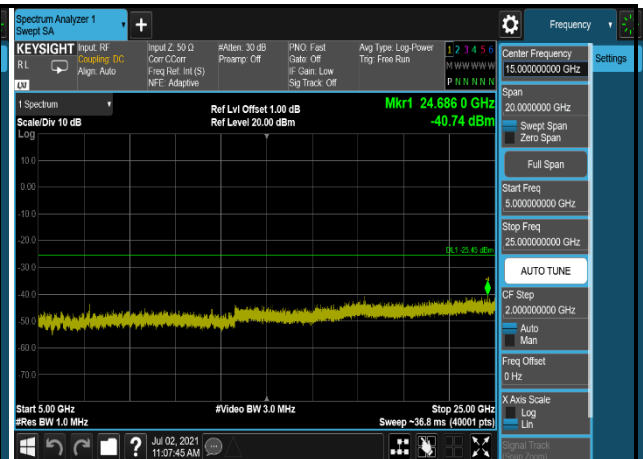
802.11g,2412MHz,Ant0,Plot 5,2500MHz~5000MHz



802.11g,2412MHz,Ant0,Plot 6,5000MHz~25000MHz



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



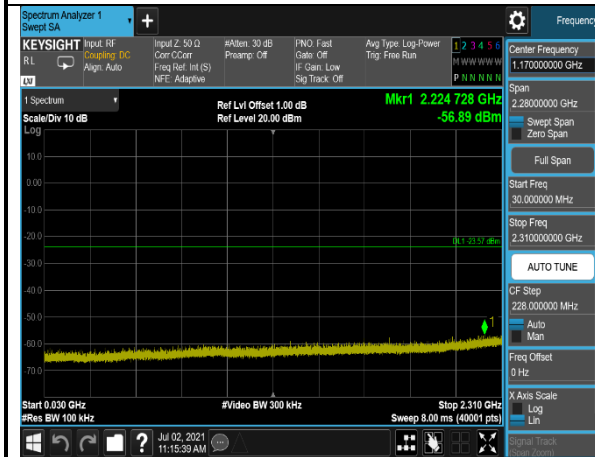
802.11g,2437MHz,Ant0,Plot 2,Band Edge



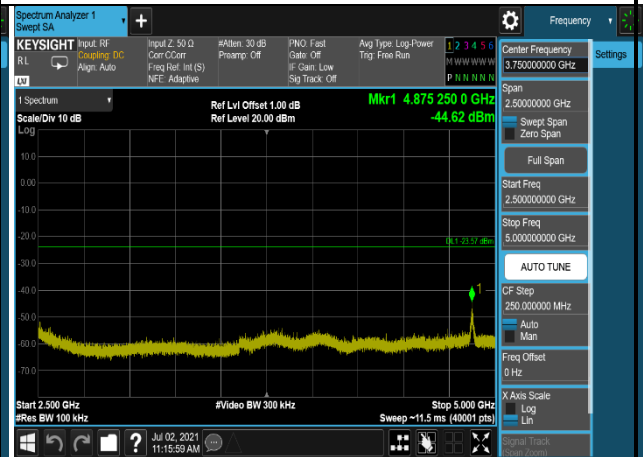
802.11g,2437MHz,Ant0,Plot 3,30MHz~2310MHz



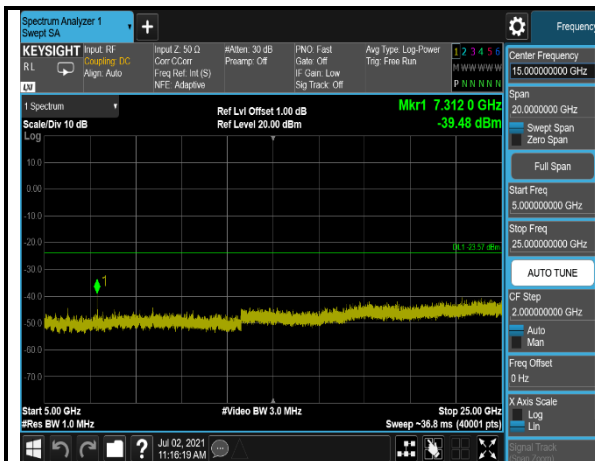
802.11g,2437MHz,Ant0,Plot 4,2500MHz~5000MHz



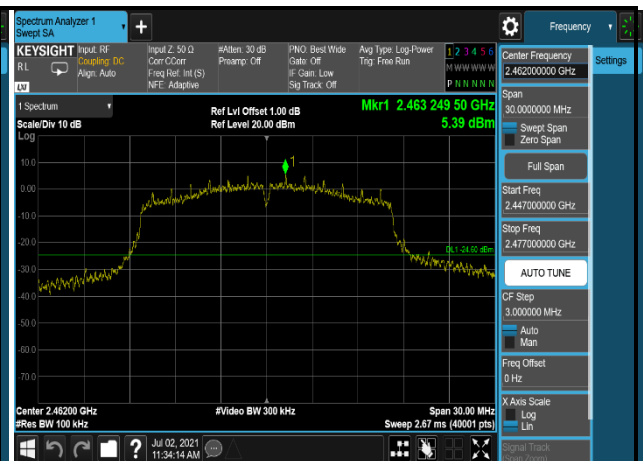
802.11g,2437MHz,Ant0,Plot 5,5000MHz~25000MHz



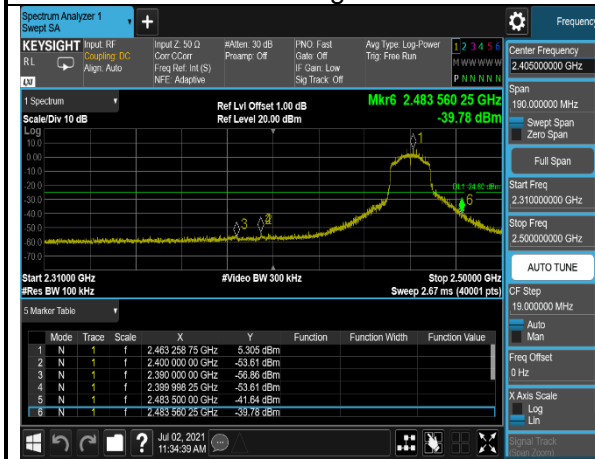
802.11g,2462MHz,Ant0,Plot 1,Reference Level



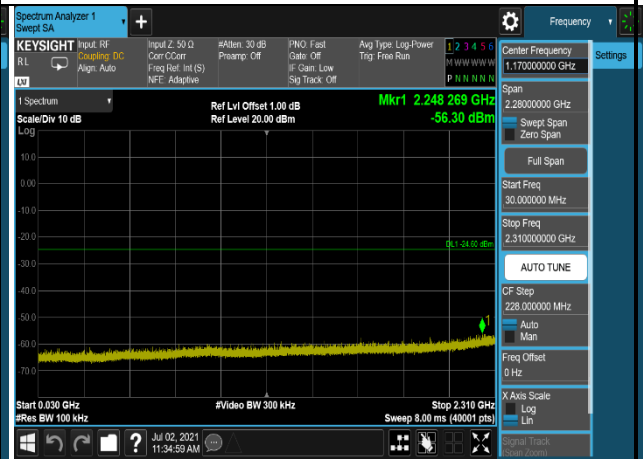
802.11g,2462MHz,Ant0,Plot 2,Band Edge



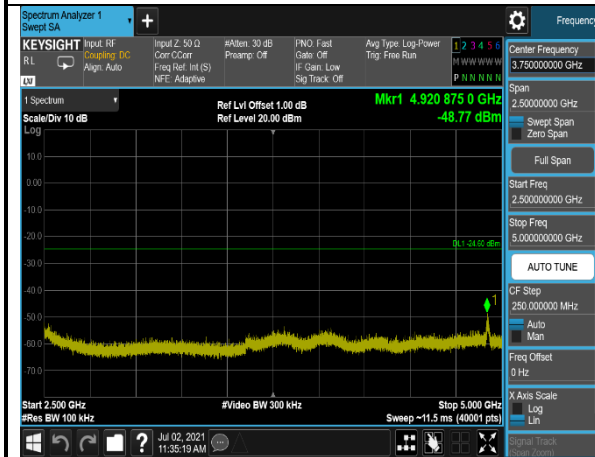
802.11g,2462MHz,Ant0,Plot 3,30MHz~2310MHz



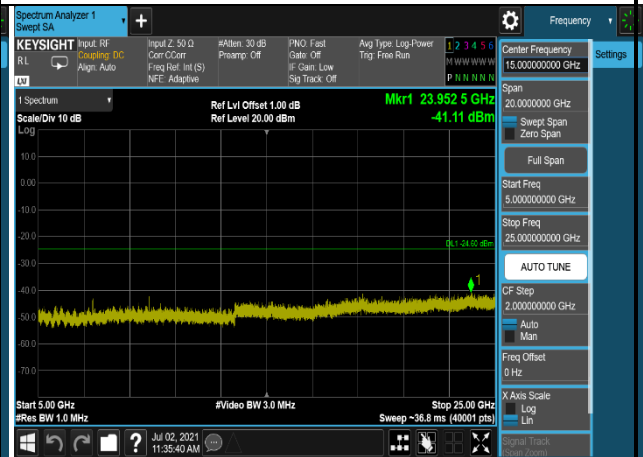
802.11g,2462MHz,Ant0,Plot 4,2500MHz~5000MHz



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



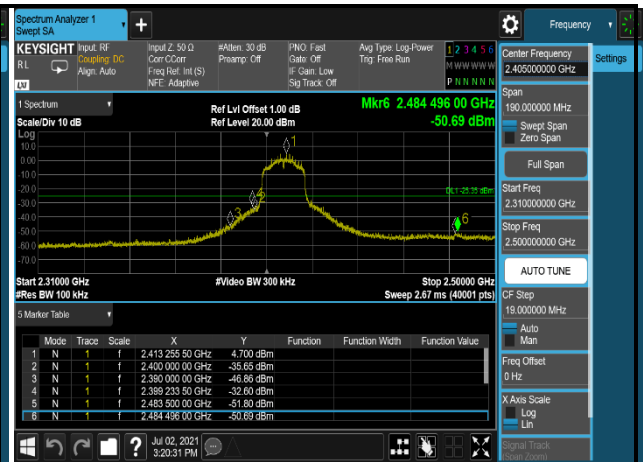
802.11n(HT20),2412MHz,Ant0,Plot 1,Reference Level



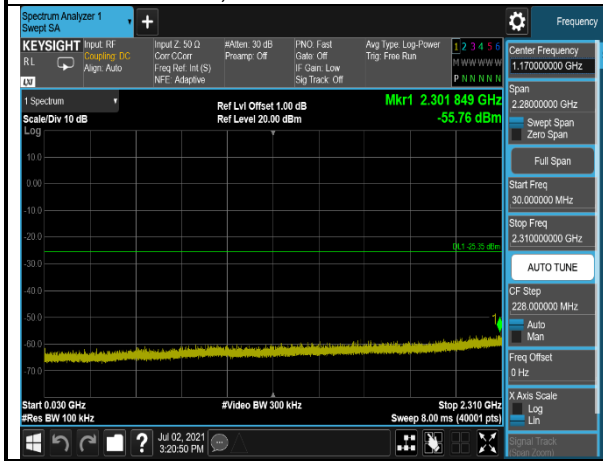
802.11n(HT20),2412MHz,Ant0,Plot 2,Band Edge



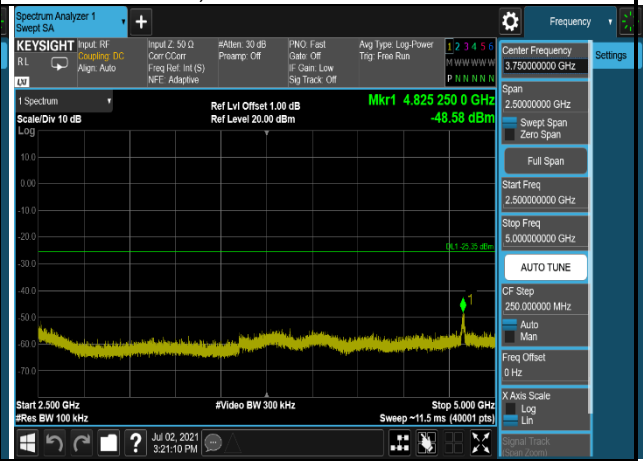
802.11n(HT20),2412MHz,Ant0,Plot 3,30MHz~2310MHz



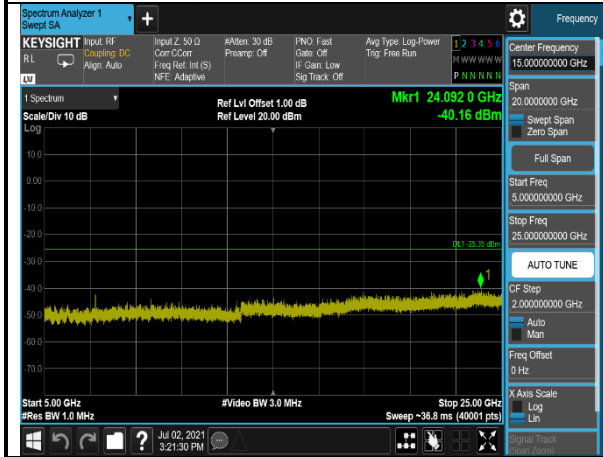
802.11n(HT20),2412MHz,Ant0,Plot 4,2500MHz~5000MHz



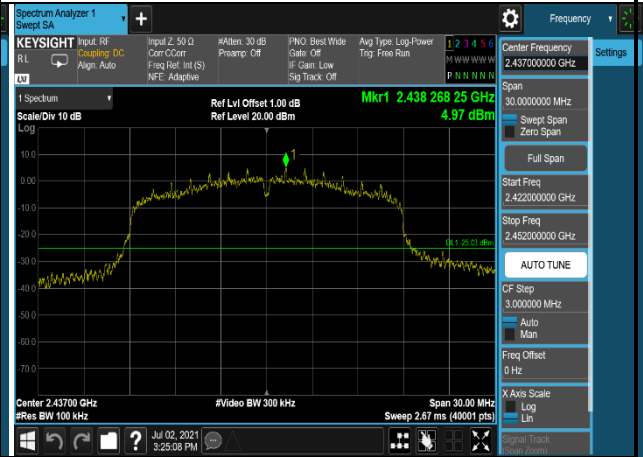
802.11n(HT20),2412MHz,Ant0,Plot 5,5000MHz~25000MHz



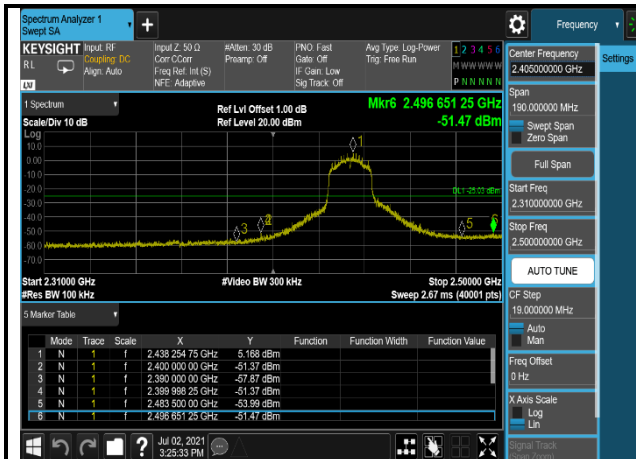
802.11n(HT20),2437MHz,Ant0,Plot 1,Reference Level



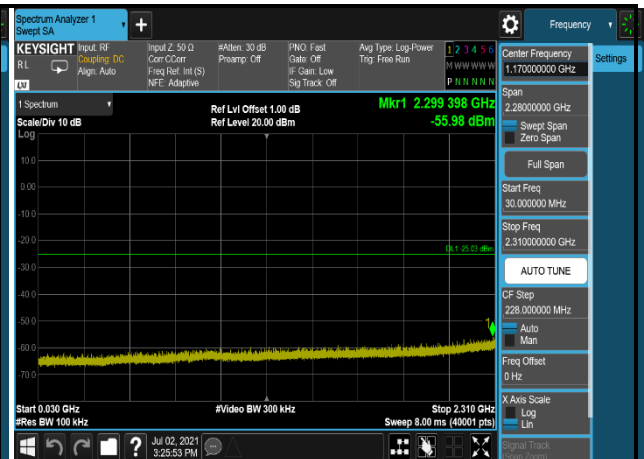
802.11n(HT20),2437MHz,Ant0,Plot 2,Band Edge



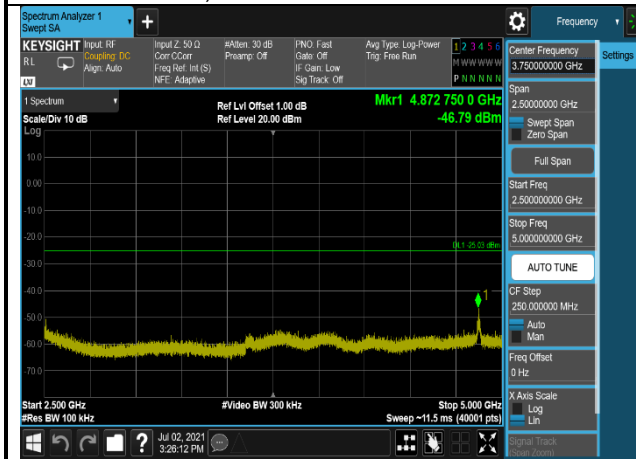
802.11n(HT20),2437MHz,Ant0,Plot 3,30MHz~2310MHz



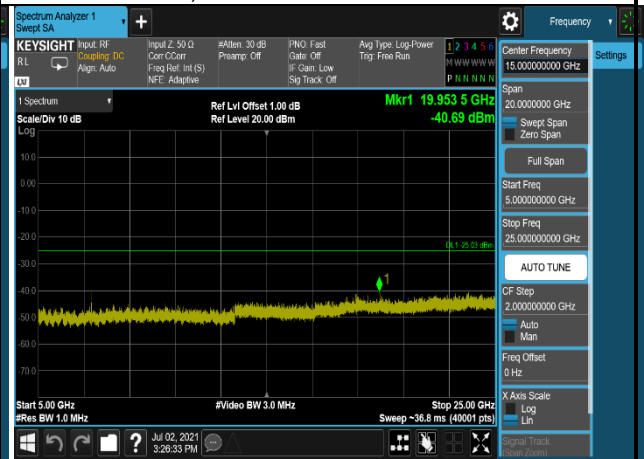
802.11n(HT20),2437MHz,Ant0,Plot 4,2500MHz~5000MHz



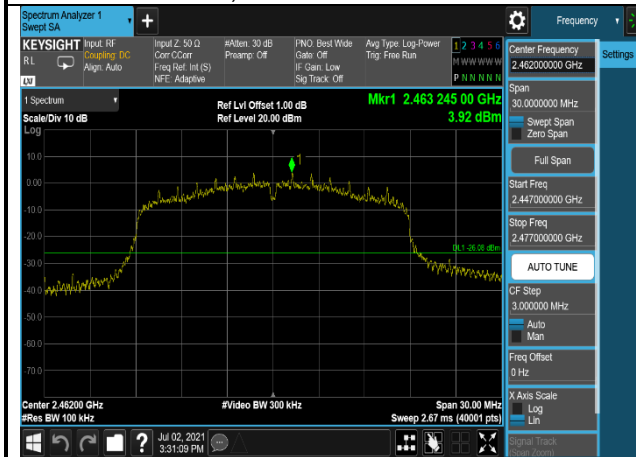
802.11n(HT20),2437MHz,Ant0,Plot 5,5000MHz~25000MHz



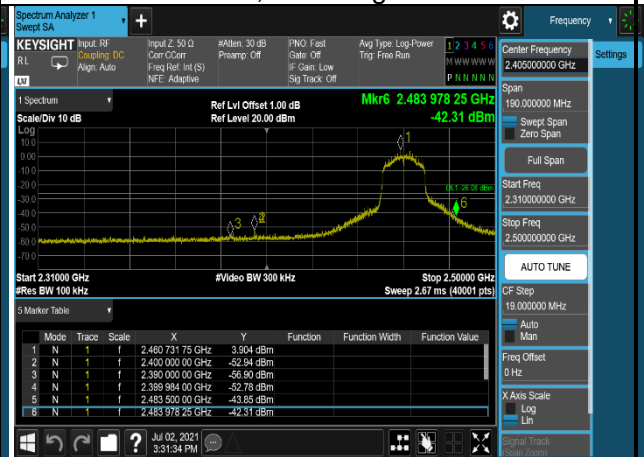
802.11n(HT20),2462MHz,Ant0,Plot 1,Reference Level



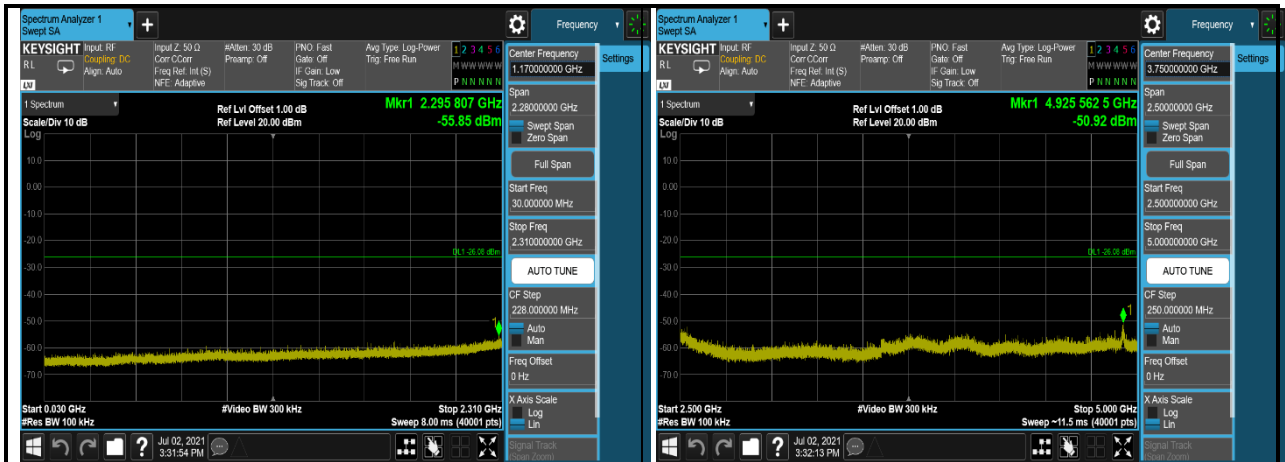
802.11n(HT20),2462MHz,Ant0,Plot 2,Band Edge



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

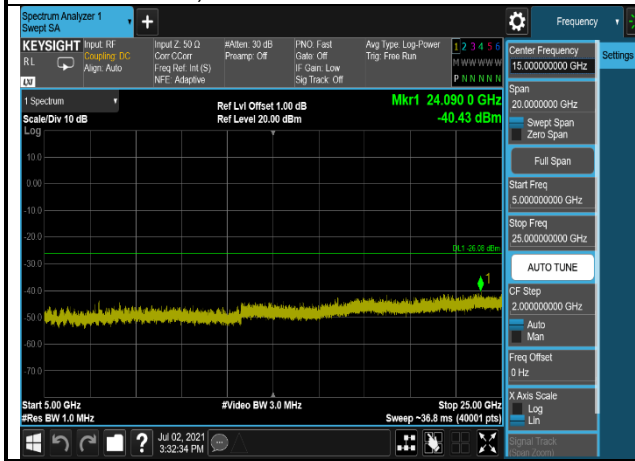


802.11n(HT20),2462MHz,Ant0,Plot 4,2500MHz~5000MHz

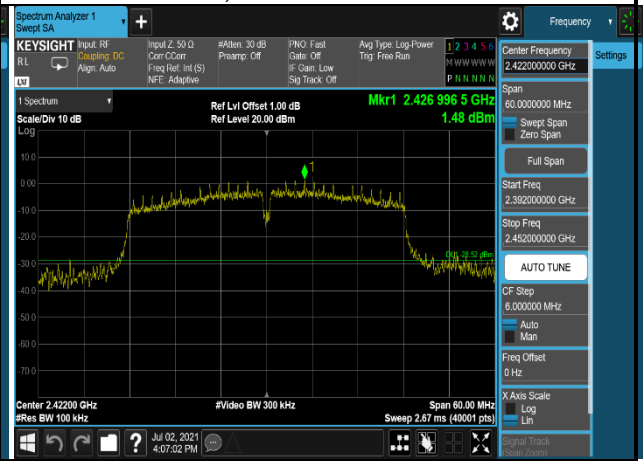


802.11n(HT20),2462MHz,Ant0,Plot 5,5000MHz~25000MHz

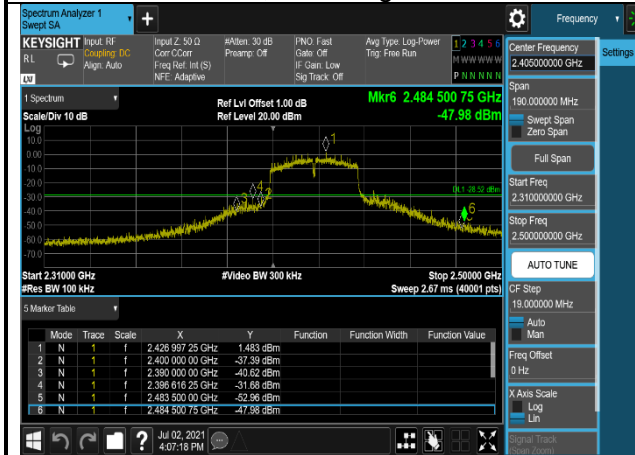
802.11n(HT40),2422MHz,Ant0,Plot 1,Reference Level



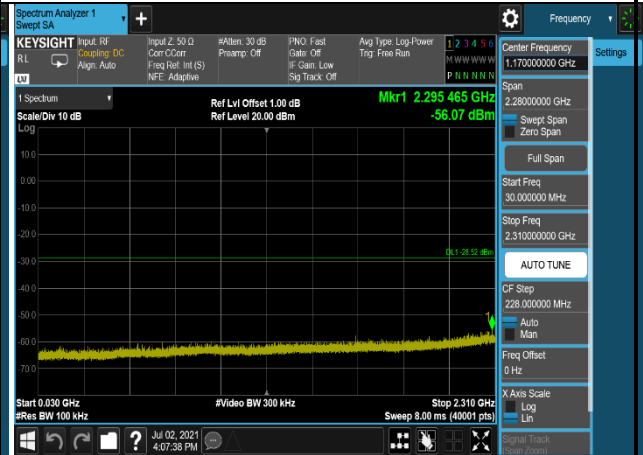
802.11n(HT40),2422MHz,Ant0,Plot 2,Band Edge



802.11n(HT40),2422MHz,Ant0,Plot 3,30MHz~2310MHz



802.11n(HT40),2422MHz,Ant0,Plot 4,2500MHz~5000MHz



802.11n(HT40),2422MHz,Ant0,Plot 5,5000MHz~25000MHz