

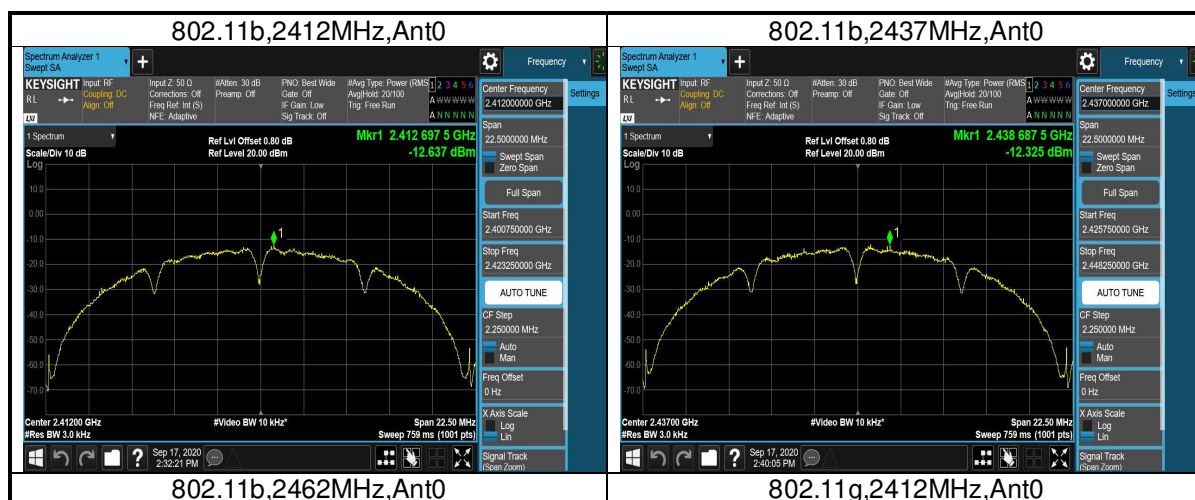
## TEST REPORT

### 5. Power spectrum density

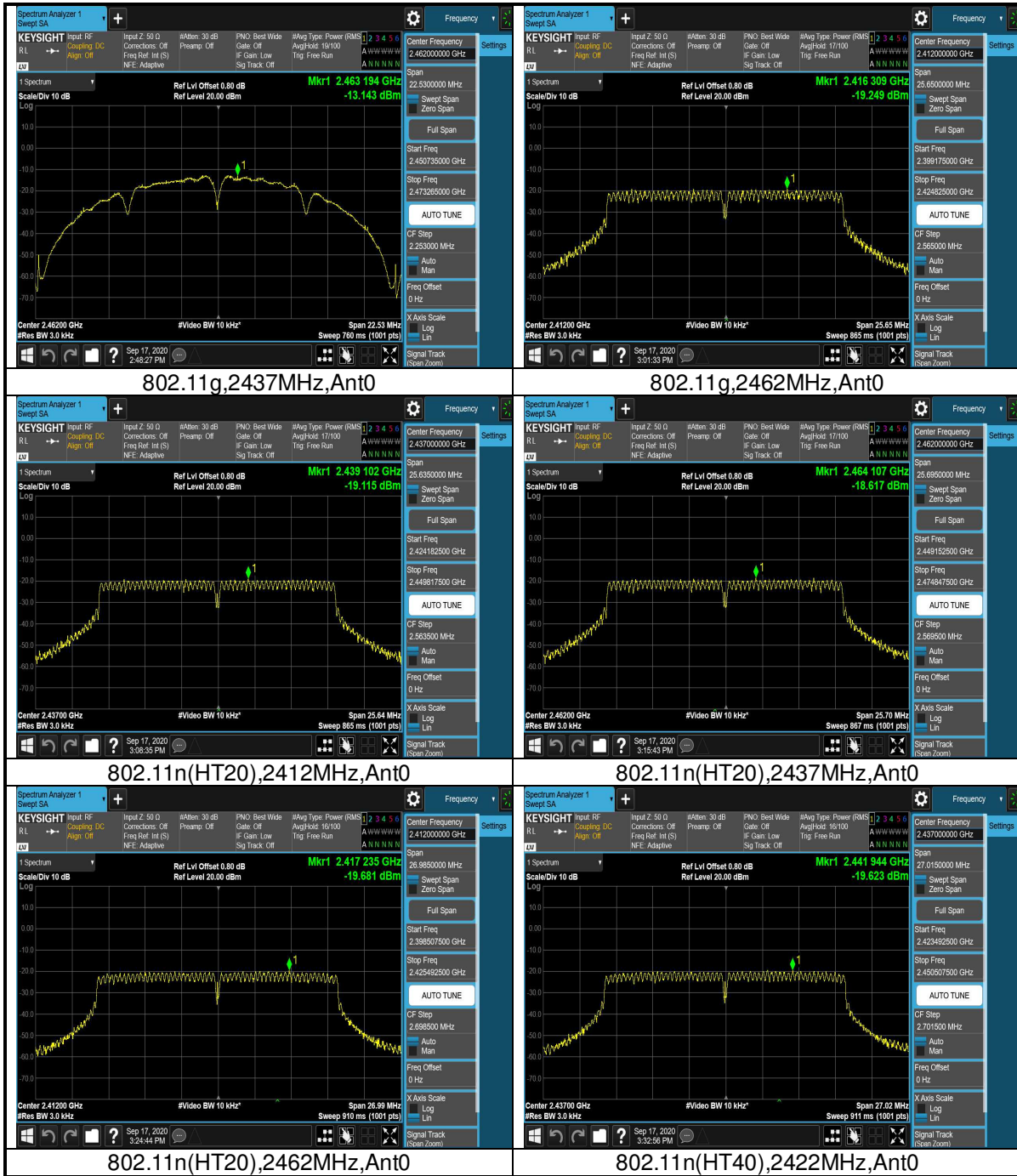
#### 5.1 Test Data

WLAN AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11b	2412	Ant0	0.00	-12.556	3	8	Pass
802.11b	2437	Ant0	0.00	-12.272	3	8	Pass
802.11b	2462	Ant0	0.00	-13.096	3	8	Pass
802.11g	2412	Ant0	0.27	-18.979	3	8	Pass
802.11g	2437	Ant0	0.26	-18.855	3	8	Pass
802.11g	2462	Ant0	0.27	-18.347	3	8	Pass
802.11n (HT20)	2412	Ant0	0.28	-19.401	3	8	Pass
802.11n (HT20)	2437	Ant0	0.28	-19.343	3	8	Pass
802.11n (HT20)	2462	Ant0	0.28	-19.473	3	8	Pass
802.11n (HT40)	2422	Ant0	0.56	-22.037	3	8	Pass
802.11n (HT40)	2437	Ant0	0.56	-21.377	3	8	Pass
802.11n (HT40)	2452	Ant0	0.56	-21.203	3	8	Pass

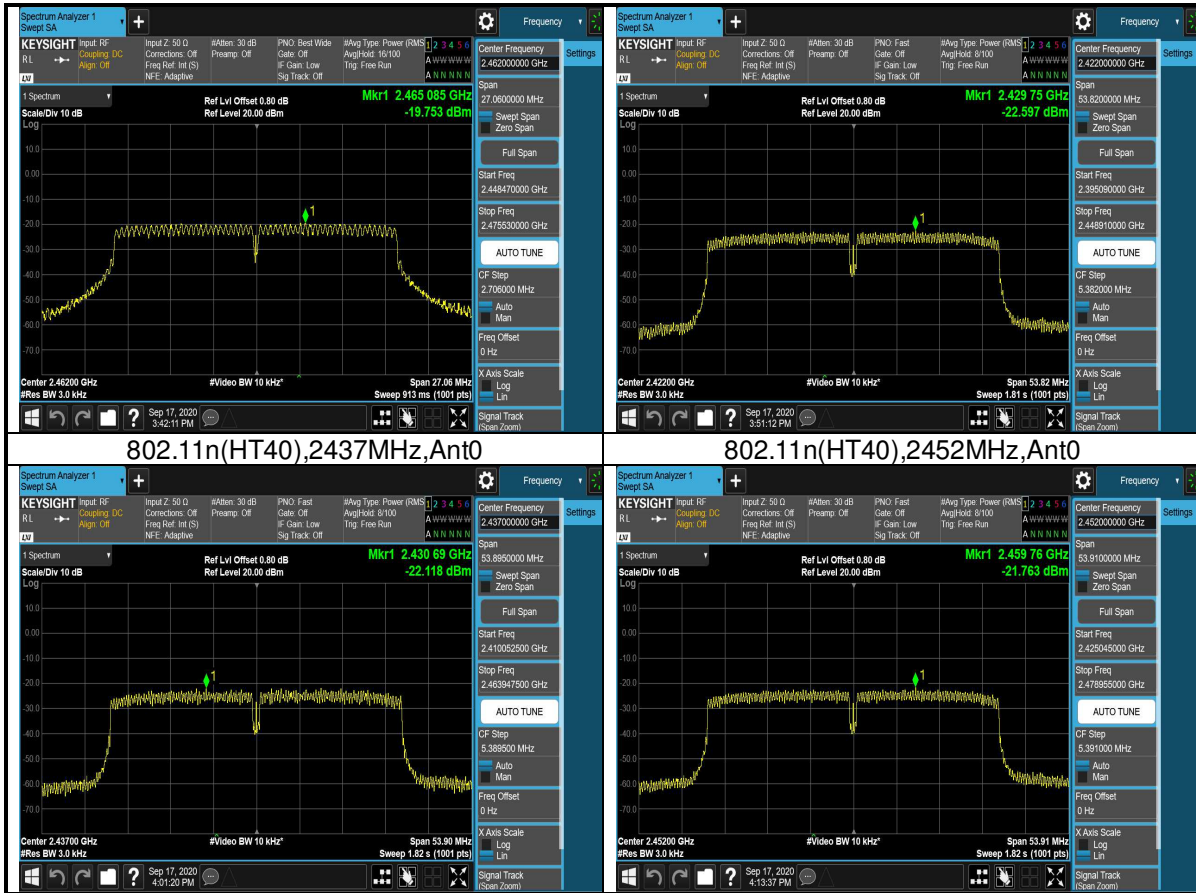
#### 5.2 Test Plots



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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	9.63	Pass
802.11b	2412	Ant0	2	Band Edge	-28.86	Pass
802.11b	2412	Ant0	3	30MHz~2310MHz	-53.78	Pass
802.11b	2412	Ant0	4	2500MHz~5000MHz	-52.84	Pass
802.11b	2412	Ant0	5	5000MHz~15000MHz	-54.37	Pass
802.11b	2412	Ant0	6	15000MHz~25000MHz	-50.90	Pass
802.11b	2437	Ant0	1	Reference Level	9.87	Pass
802.11b	2437	Ant0	2	Band Edge	-52.55	Pass
802.11b	2437	Ant0	3	30MHz~2310MHz	-53.92	Pass
802.11b	2437	Ant0	4	2500MHz~5000MHz	-51.81	Pass
802.11b	2437	Ant0	5	5000MHz~15000MHz	-53.59	Pass
802.11b	2437	Ant0	6	15000MHz~25000MHz	-49.86	Pass
802.11b	2462	Ant0	1	Reference Level	10.02	Pass
802.11b	2462	Ant0	2	Band Edge	-45.79	Pass
802.11b	2462	Ant0	3	30MHz~2310MHz	-55.33	Pass
802.11b	2462	Ant0	4	2500MHz~5000MHz	-50.36	Pass
802.11b	2462	Ant0	5	5000MHz~15000MHz	-53.89	Pass
802.11b	2462	Ant0	6	15000MHz~25000MHz	-51.01	Pass
802.11g	2412	Ant0	1	Reference Level	4.02	Pass
802.11g	2412	Ant0	2	Band Edge	-28.80	Pass
802.11g	2412	Ant0	3	30MHz~2310MHz	-55.56	Pass
802.11g	2412	Ant0	4	2500MHz~5000MHz	-53.90	Pass
802.11g	2412	Ant0	5	5000MHz~15000MHz	-54.41	Pass
802.11g	2412	Ant0	6	15000MHz~25000MHz	-51.31	Pass
802.11g	2437	Ant0	1	Reference Level	4.30	Pass
802.11g	2437	Ant0	2	Band Edge	-53.99	Pass

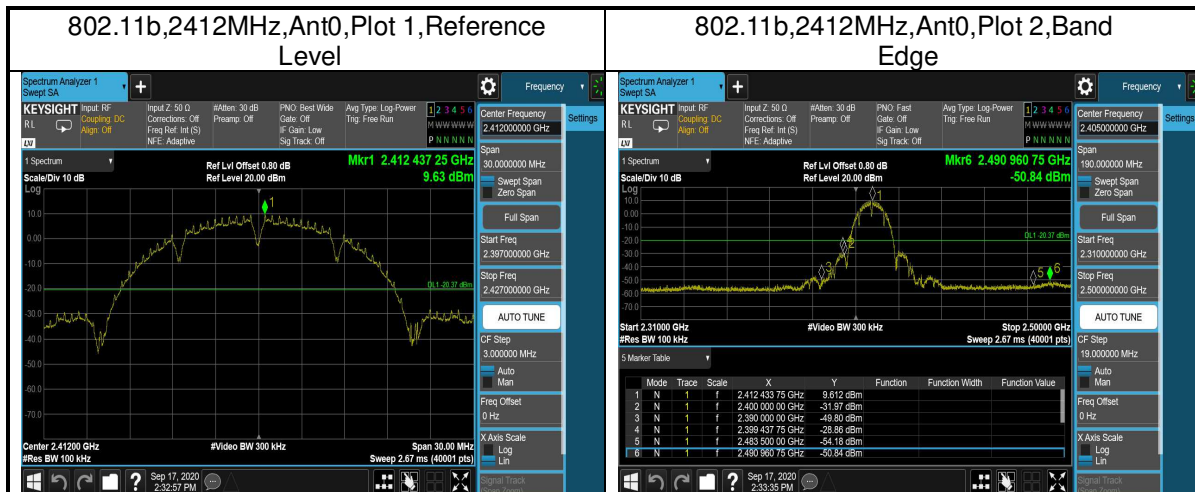
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802.11g	2437	Ant0	3	30MHz~2310MHz	-56.13	Pass
802.11g	2437	Ant0	4	2500MHz~5000MHz	-53.90	Pass
802.11g	2437	Ant0	5	5000MHz~15000MHz	-53.59	Pass
802.11g	2437	Ant0	6	15000MHz~25000MHz	-50.52	Pass
802.11g	2462	Ant0	1	Reference Level	4.40	Pass
802.11g	2462	Ant0	2	Band Edge	-41.65	Pass
802.11g	2462	Ant0	3	30MHz~2310MHz	-56.11	Pass
802.11g	2462	Ant0	4	2500MHz~5000MHz	-53.82	Pass
802.11g	2462	Ant0	5	5000MHz~15000MHz	-53.91	Pass
802.11g	2462	Ant0	6	15000MHz~25000MHz	-51.01	Pass
802.11n (HT20)	2412	Ant0	1	Reference Level	3.72	Pass
802.11n (HT20)	2412	Ant0	2	Band Edge	-27.31	Pass
802.11n (HT20)	2412	Ant0	3	30MHz~2310MHz	-55.39	Pass
802.11n (HT20)	2412	Ant0	4	2500MHz~5000MHz	-54.16	Pass
802.11n (HT20)	2412	Ant0	5	5000MHz~15000MHz	-54.14	Pass
802.11n (HT20)	2412	Ant0	6	15000MHz~25000MHz	-50.56	Pass
802.11n (HT20)	2437	Ant0	1	Reference Level	4.27	Pass
802.11n (HT20)	2437	Ant0	2	Band Edge	-53.66	Pass
802.11n (HT20)	2437	Ant0	3	30MHz~2310MHz	-55.75	Pass
802.11n (HT20)	2437	Ant0	4	2500MHz~5000MHz	-53.88	Pass
802.11n (HT20)	2437	Ant0	5	5000MHz~15000MHz	-54.14	Pass
802.11n (HT20)	2437	Ant0	6	15000MHz~25000MHz	-51.19	Pass
802.11n (HT20)	2462	Ant0	1	Reference Level	4.09	Pass
802.11n (HT20)	2462	Ant0	2	Band Edge	-36.23	Pass
802.11n (HT20)	2462	Ant0	3	30MHz~2310MHz	-55.65	Pass
802.11n (HT20)	2462	Ant0	4	2500MHz~5000MHz	-53.51	Pass
802.11n (HT20)	2462	Ant0	5	5000MHz~15000MHz	-54.11	Pass
802.11n (HT20)	2462	Ant0	6	15000MHz~25000MHz	-51.50	Pass
802.11n (HT40)	2422	Ant0	1	Reference Level	1.46	Pass

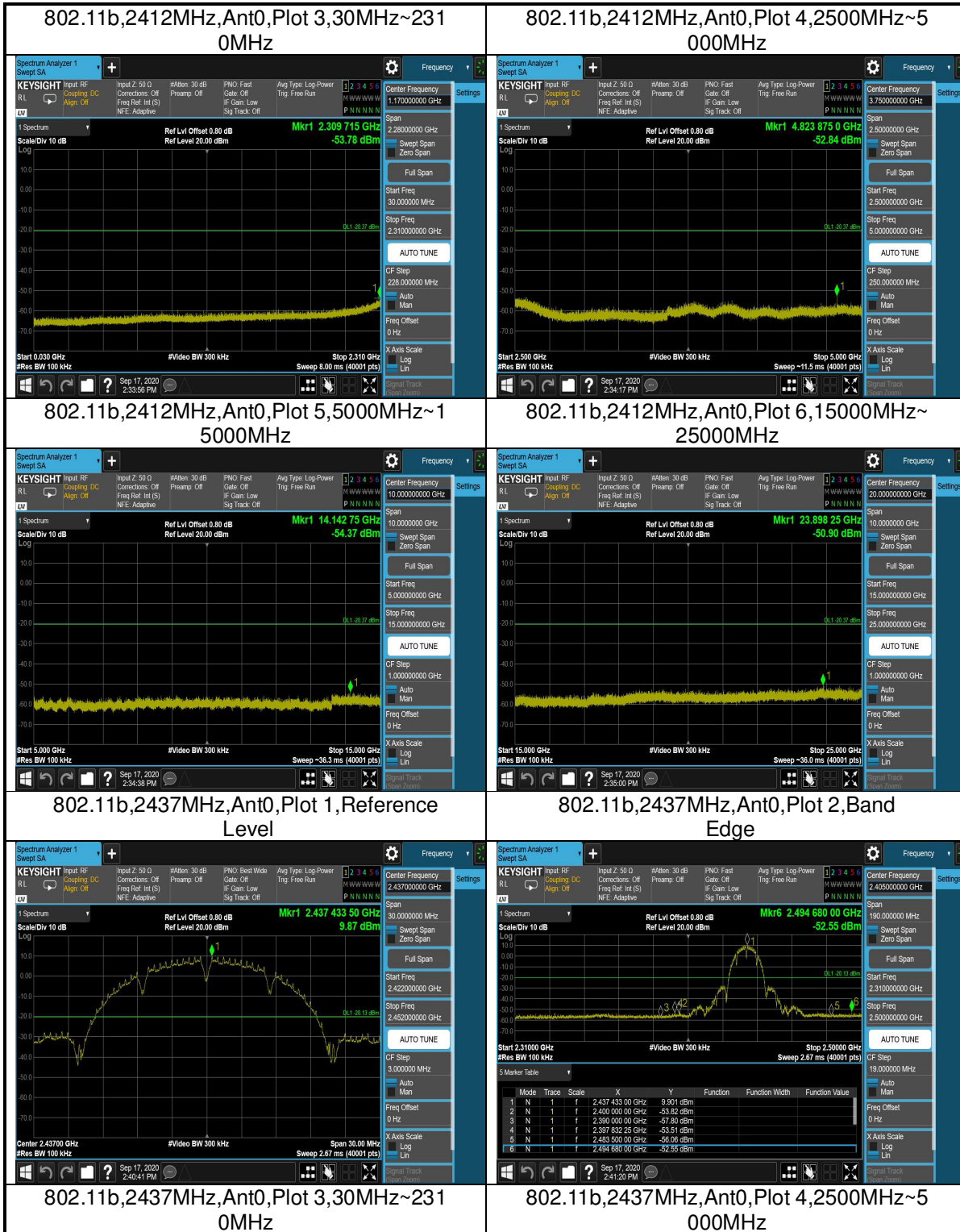
## TEST REPORT

802.11n (HT40)	2422	Ant0	2	Band Edge	-32.66	Pass
802.11n (HT40)	2422	Ant0	3	30MHz~2310MHz	-55.76	Pass
802.11n (HT40)	2422	Ant0	4	2500MHz~5000MHz	-54.09	Pass
802.11n (HT40)	2422	Ant0	5	5000MHz~15000MHz	-54.96	Pass
802.11n (HT40)	2422	Ant0	6	15000MHz~25000MHz	-51.07	Pass
802.11n (HT40)	2437	Ant0	1	Reference Level	1.76	Pass
802.11n (HT40)	2437	Ant0	2	Band Edge	-37.64	Pass
802.11n (HT40)	2437	Ant0	3	30MHz~2310MHz	-55.54	Pass
802.11n (HT40)	2437	Ant0	4	2500MHz~5000MHz	-52.11	Pass
802.11n (HT40)	2437	Ant0	5	5000MHz~15000MHz	-54.06	Pass
802.11n (HT40)	2437	Ant0	6	15000MHz~25000MHz	-50.92	Pass
802.11n (HT40)	2452	Ant0	1	Reference Level	1.83	Pass
802.11n (HT40)	2452	Ant0	2	Band Edge	-33.32	Pass
802.11n (HT40)	2452	Ant0	3	30MHz~2310MHz	-55.06	Pass
802.11n (HT40)	2452	Ant0	4	2500MHz~5000MHz	-46.21	Pass
802.11n (HT40)	2452	Ant0	5	5000MHz~15000MHz	-54.86	Pass
802.11n (HT40)	2452	Ant0	6	15000MHz~25000MHz	-51.67	Pass

### 9.2 Test Plots

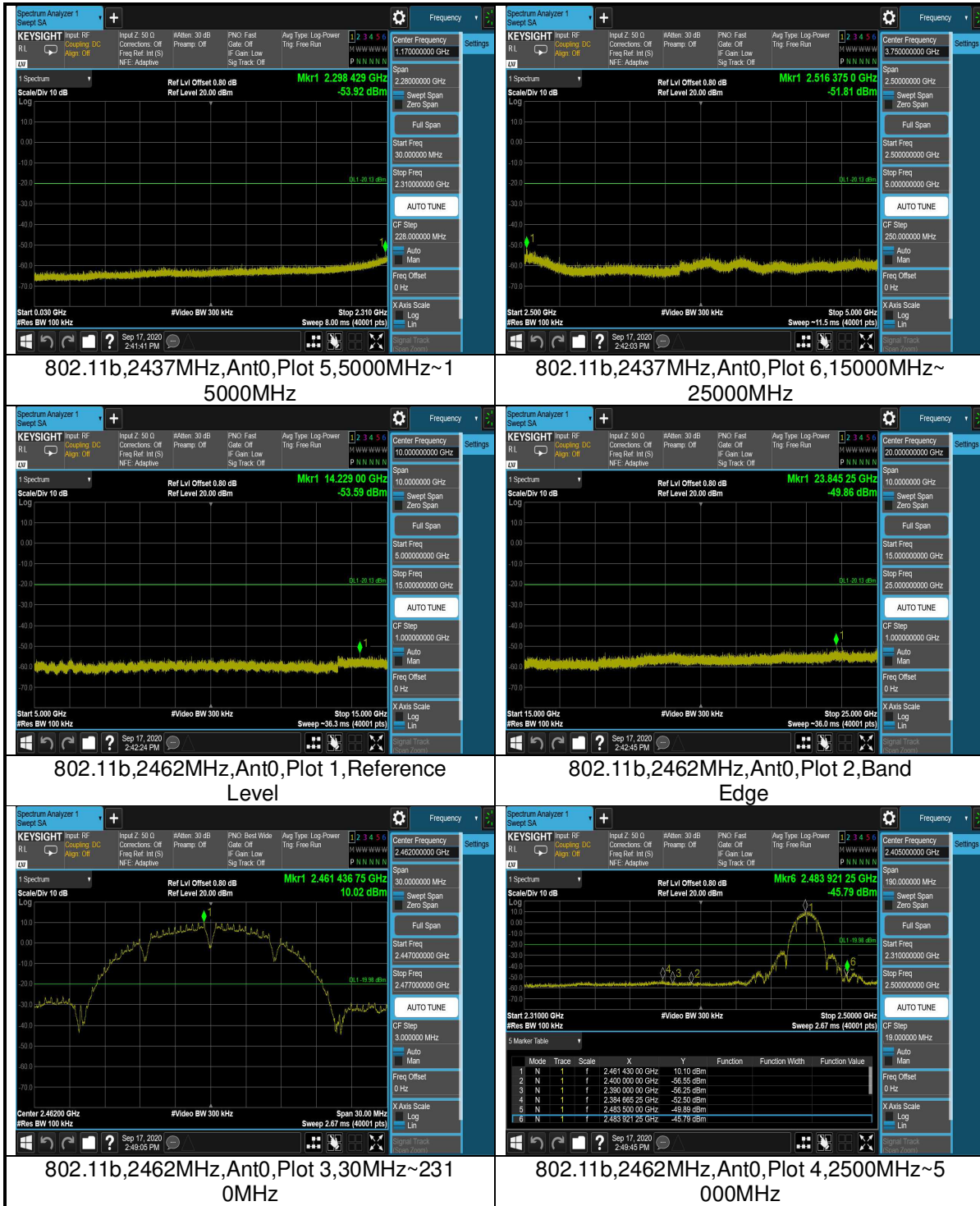


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802.11b,2437MHz,Ant0,Plot 5,5000MHz~15000MHz

802.11b,2437MHz,Ant0,Plot 6,15000MHz~25000MHz

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

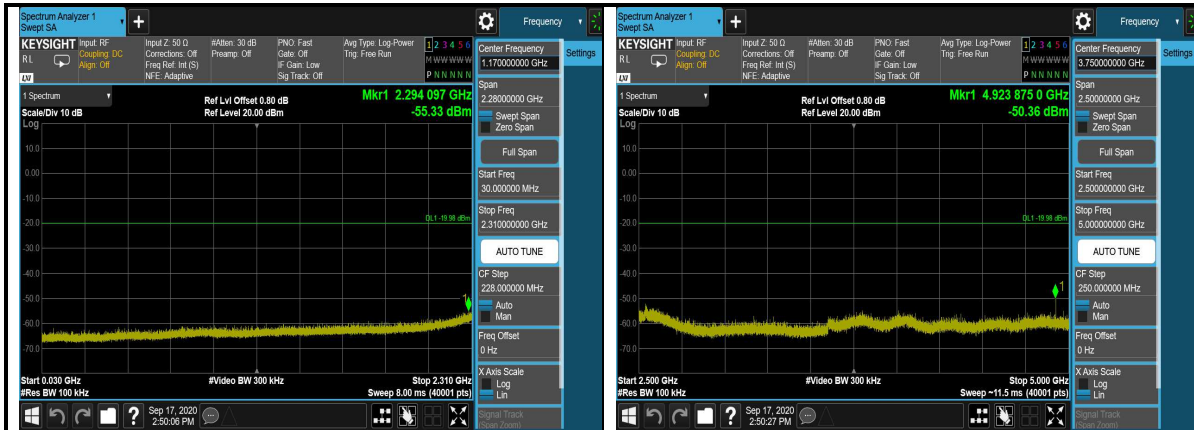
802.11b,2462MHz,Ant0,Plot 2,Band Edge

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

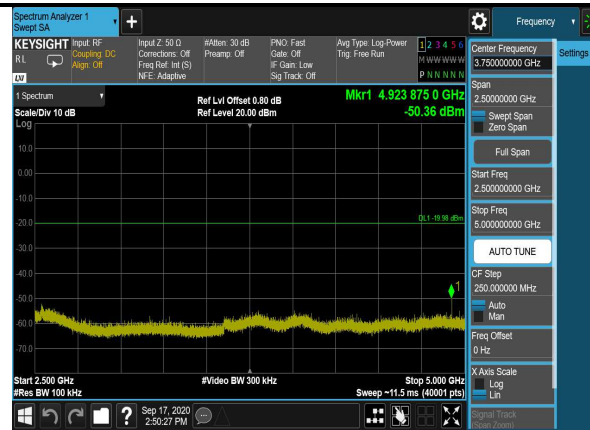
802.11b,2462MHz,Ant0,Plot 4,2500MHz~5000MHz



## TEST REPORT



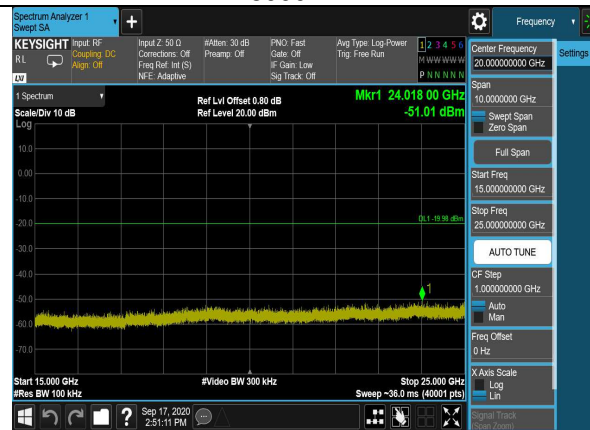
802.11b,2462MHz,Ant0,Plot 5,5000MHz~15000MHz



802.11b,2462MHz,Ant0,Plot 6,15000MHz~25000MHz



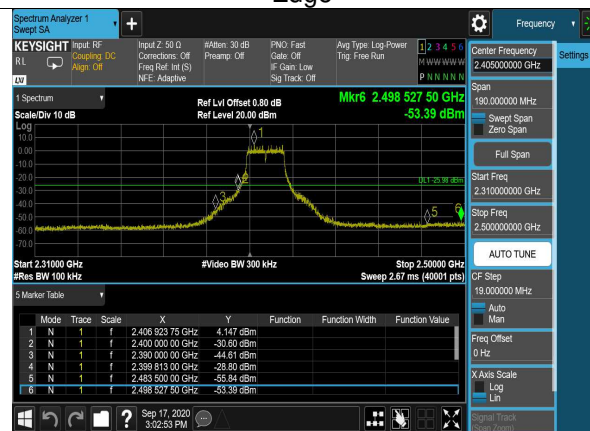
802.11g,2412MHz,Ant0,Plot 1,Reference Level



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



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



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

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