

TEST REPORT

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	1.09	Pass
802.11b	2412	Ant0	2	Band Edge	-48.71	Pass
802.11b	2412	Ant0	3	30MHz~2310MHz	-53.78	Pass
802.11b	2412	Ant0	4	2500MHz~5000MHz	-51.96	Pass
802.11b	2412	Ant0	5	5000MHz~15000MHz	-55.64	Pass
802.11b	2412	Ant0	6	15000MHz~25000MHz	-53.31	Pass
802.11b	2437	Ant0	1	Reference Level	0.92	Pass
802.11b	2437	Ant0	2	Band Edge	-50.48	Pass
802.11b	2437	Ant0	3	30MHz~2310MHz	-54.16	Pass
802.11b	2437	Ant0	4	2500MHz~5000MHz	-52.76	Pass
802.11b	2437	Ant0	5	5000MHz~15000MHz	-55.50	Pass
802.11b	2437	Ant0	6	15000MHz~25000MHz	-52.86	Pass
802.11b	2462	Ant0	1	Reference Level	2.42	Pass
802.11b	2462	Ant0	2	Band Edge	-51.83	Pass
802.11b	2462	Ant0	3	30MHz~2310MHz	-54.30	Pass
802.11b	2462	Ant0	4	2500MHz~5000MHz	-49.60	Pass
802.11b	2462	Ant0	5	5000MHz~15000MHz	-55.06	Pass
802.11b	2462	Ant0	6	15000MHz~25000MHz	-53.18	Pass
802.11g	2412	Ant0	1	Reference Level	-3.30	Pass
802.11g	2412	Ant0	2	Band Edge	-45.89	Pass
802.11g	2412	Ant0	3	30MHz~2310MHz	-56.15	Pass
802.11g	2412	Ant0	4	2500MHz~5000MHz	-54.35	Pass
802.11g	2412	Ant0	5	5000MHz~15000MHz	-55.26	Pass
802.11g	2412	Ant0	6	15000MHz~25000MHz	-52.93	Pass
802.11g	2437	Ant0	1	Reference Level	-2.95	Pass
802.11g	2437	Ant0	2	Band Edge	-50.84	Pass

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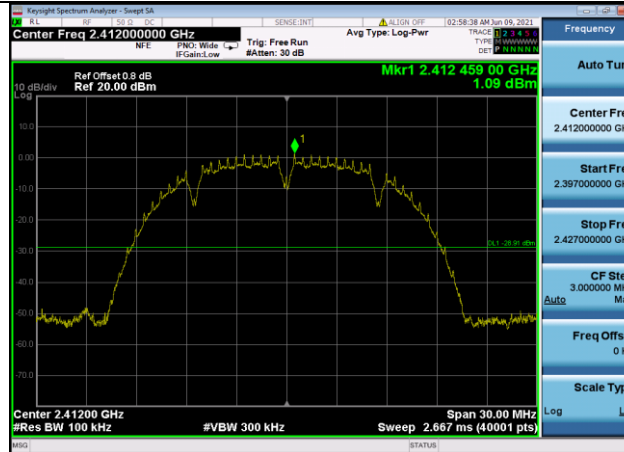
802.11g	2437	Ant0	3	30MHz~2310MHz	-55.83	Pass
802.11g	2437	Ant0	4	2500MHz~5000MHz	-53.68	Pass
802.11g	2437	Ant0	5	5000MHz~15000MHz	-55.51	Pass
802.11g	2437	Ant0	6	15000MHz~25000MHz	-52.04	Pass
802.11g	2462	Ant0	1	Reference Level	-1.48	Pass
802.11g	2462	Ant0	2	Band Edge	-51.92	Pass
802.11g	2462	Ant0	3	30MHz~2310MHz	-55.31	Pass
802.11g	2462	Ant0	4	2500MHz~5000MHz	-54.74	Pass
802.11g	2462	Ant0	5	5000MHz~15000MHz	-55.24	Pass
802.11g	2462	Ant0	6	15000MHz~25000MHz	-53.06	Pass
802.11n (HT20)	2412	Ant0	1	Reference Level	-2.15	Pass
802.11n (HT20)	2412	Ant0	2	Band Edge	-46.63	Pass
802.11n (HT20)	2412	Ant0	3	30MHz~2310MHz	-55.77	Pass
802.11n (HT20)	2412	Ant0	4	2500MHz~5000MHz	-53.94	Pass
802.11n (HT20)	2412	Ant0	5	5000MHz~15000MHz	-55.33	Pass
802.11n (HT20)	2412	Ant0	6	15000MHz~25000MHz	-53.27	Pass
802.11n (HT20)	2437	Ant0	1	Reference Level	-1.50	Pass
802.11n (HT20)	2437	Ant0	2	Band Edge	-51.15	Pass
802.11n (HT20)	2437	Ant0	3	30MHz~2310MHz	-55.25	Pass
802.11n (HT20)	2437	Ant0	4	2500MHz~5000MHz	-53.94	Pass
802.11n (HT20)	2437	Ant0	5	5000MHz~15000MHz	-54.63	Pass
802.11n (HT20)	2437	Ant0	6	15000MHz~25000MHz	-53.24	Pass
802.11n (HT20)	2462	Ant0	1	Reference Level	0.05	Pass
802.11n (HT20)	2462	Ant0	2	Band Edge	-50.87	Pass
802.11n (HT20)	2462	Ant0	3	30MHz~2310MHz	-56.23	Pass
802.11n (HT20)	2462	Ant0	4	2500MHz~5000MHz	-53.90	Pass
802.11n (HT20)	2462	Ant0	5	5000MHz~15000MHz	-55.37	Pass
802.11n (HT20)	2462	Ant0	6	15000MHz~25000MHz	-52.86	Pass

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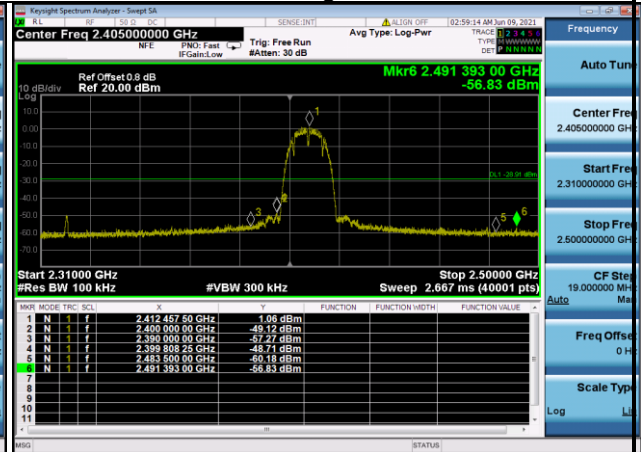
802.11n (HT40)	2422	Ant0	1	Reference Level	-7.34	Pass
802.11n (HT40)	2422	Ant0	2	Band Edge	-47.53	Pass
802.11n (HT40)	2422	Ant0	3	30MHz~2310MHz	-51.40	Pass
802.11n (HT40)	2422	Ant0	4	2500MHz~5000MHz	-53.29	Pass
802.11n (HT40)	2422	Ant0	5	5000MHz~15000MHz	-54.93	Pass
802.11n (HT40)	2422	Ant0	6	15000MHz~25000MHz	-52.76	Pass
802.11n (HT40)	2437	Ant0	1	Reference Level	-7.28	Pass
802.11n (HT40)	2437	Ant0	2	Band Edge	-51.14	Pass
802.11n (HT40)	2437	Ant0	3	30MHz~2310MHz	-51.75	Pass
802.11n (HT40)	2437	Ant0	4	2500MHz~5000MHz	-53.48	Pass
802.11n (HT40)	2437	Ant0	5	5000MHz~15000MHz	-55.28	Pass
802.11n (HT40)	2437	Ant0	6	15000MHz~25000MHz	-53.07	Pass
802.11n (HT40)	2452	Ant0	1	Reference Level	-6.88	Pass
802.11n (HT40)	2452	Ant0	2	Band Edge	-50.08	Pass
802.11n (HT40)	2452	Ant0	3	30MHz~2310MHz	-52.20	Pass
802.11n (HT40)	2452	Ant0	4	2500MHz~5000MHz	-53.74	Pass
802.11n (HT40)	2452	Ant0	5	5000MHz~15000MHz	-54.16	Pass
802.11n (HT40)	2452	Ant0	6	15000MHz~25000MHz	-53.04	Pass

9.2 Test Plots

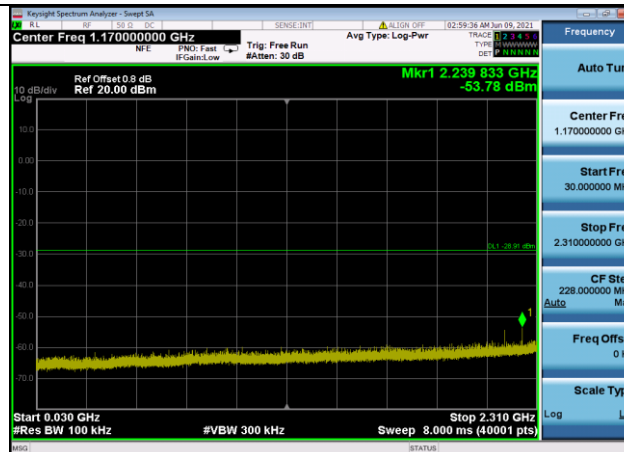
802.11b,2412MHz,Ant0,Plot 1,Reference Level



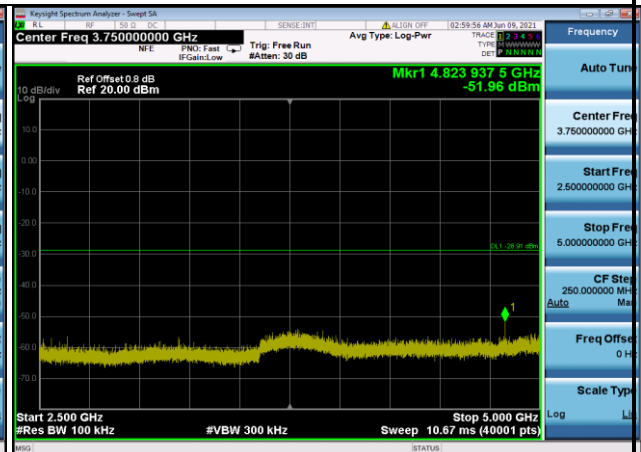
802.11b,2412MHz,Ant0,Plot 2,Band Edge



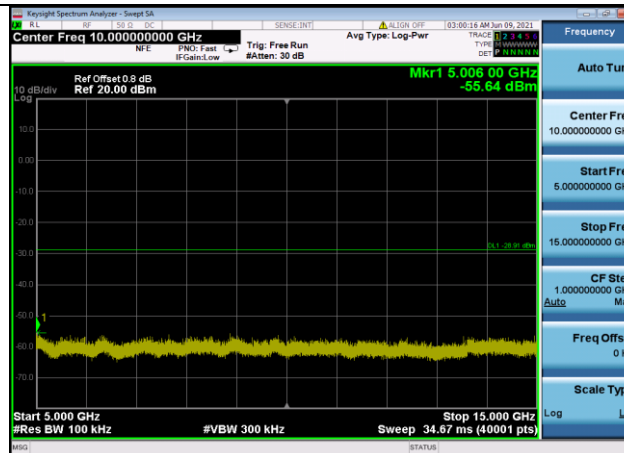
802.11b,2412MHz,Ant0,Plot 3,30MHz~2310MHz



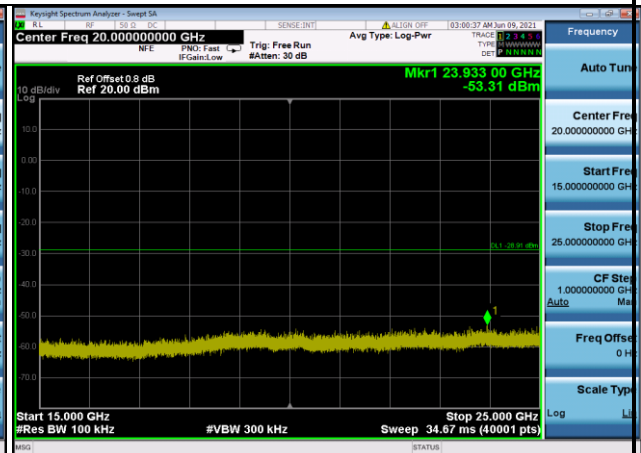
802.11b,2412MHz,Ant0,Plot 4,2500MHz~5000MHz



802.11b,2412MHz,Ant0,Plot 5,5000MHz~15000MHz



802.11b,2412MHz,Ant0,Plot 6,15000MHz~25000MHz



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



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



