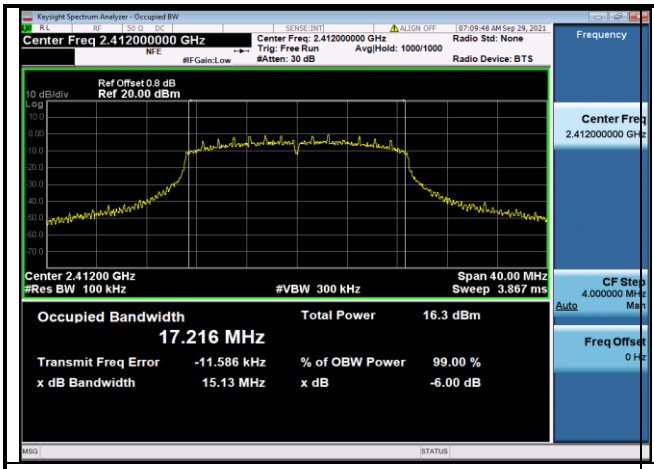
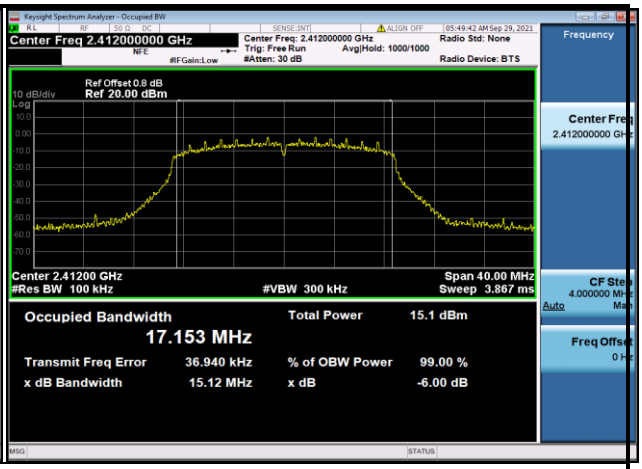
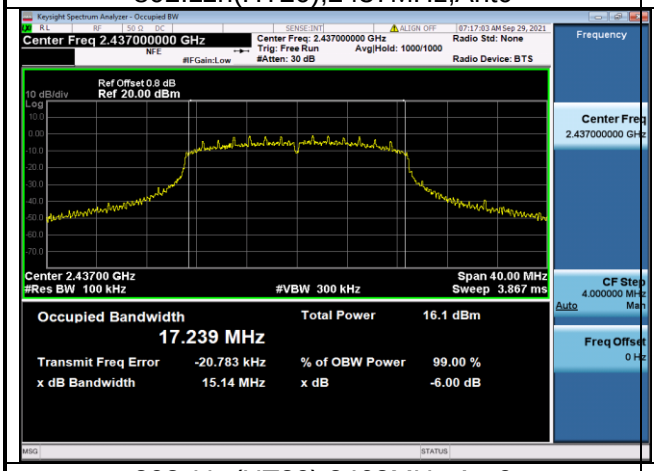
TEST REPORT



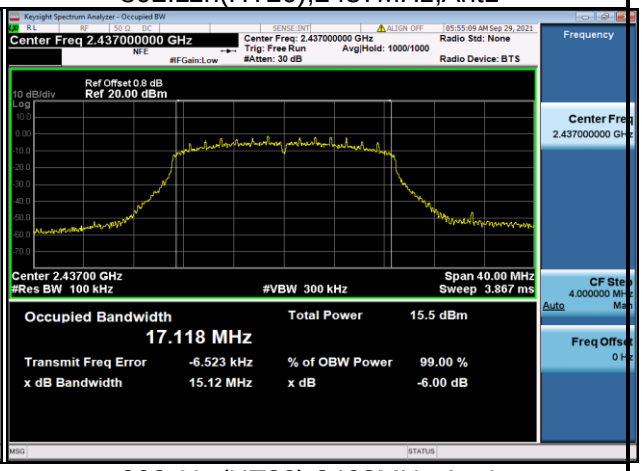
802.11n(HT20),2437MHz,Ant0



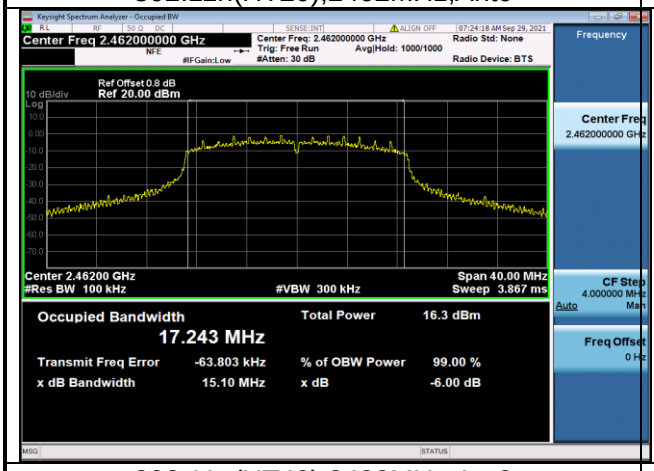
802.11n(HT20),2437MHz,Ant1



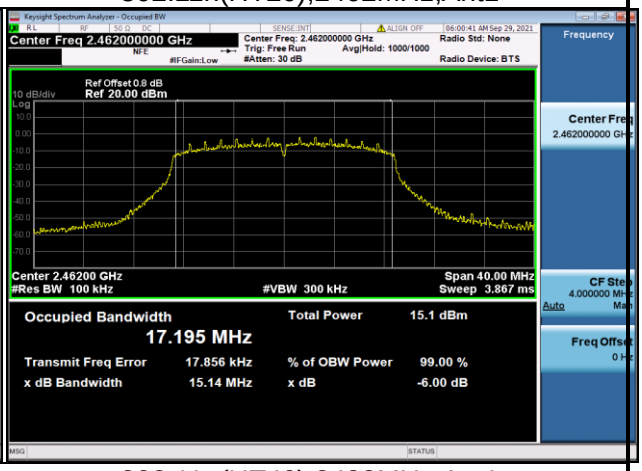
802.11n(HT20),2462MHz,Ant0



802.11n(HT20),2462MHz,Ant1

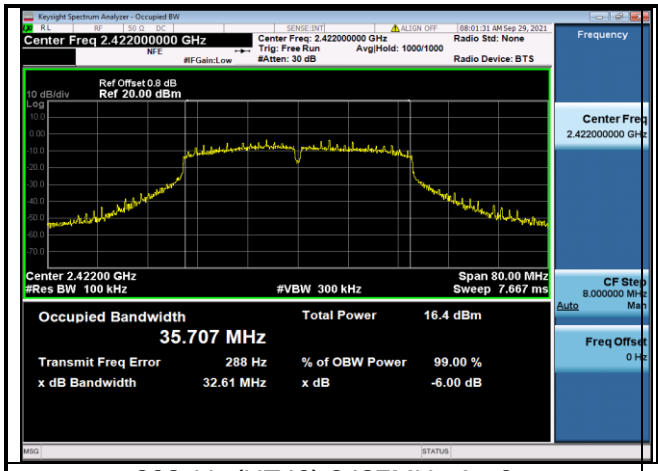


802.11n(HT40),2422MHz,Ant0

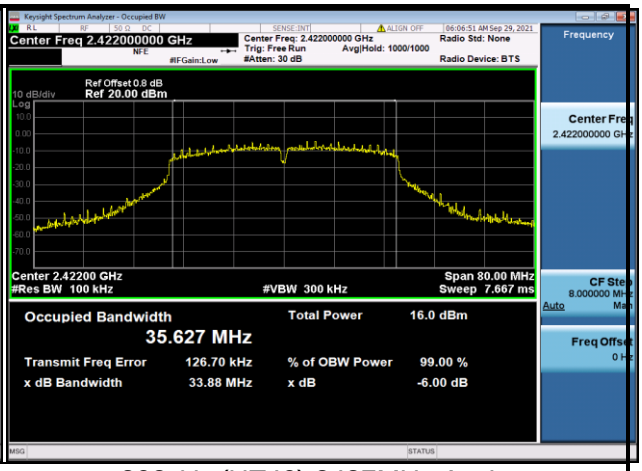


802.11n(HT40),2422MHz,Ant1

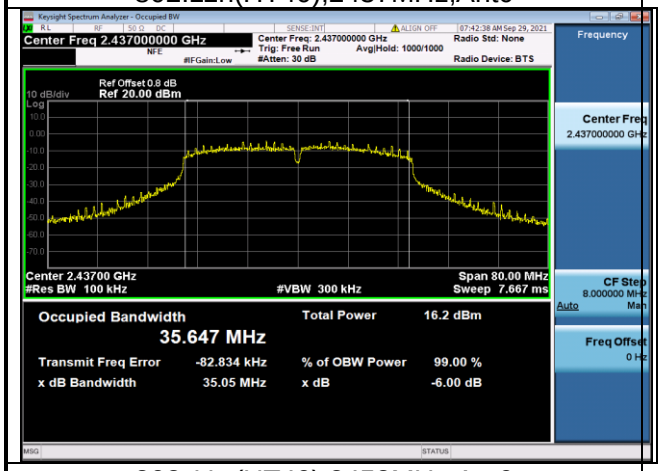
TEST REPORT



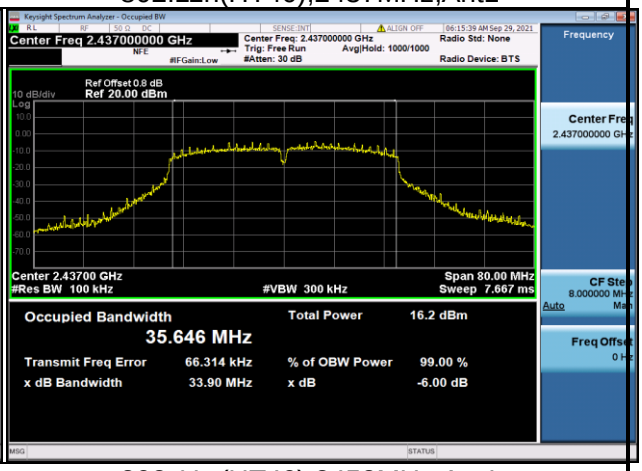
802.11n(HT40),2437MHz,Ant0



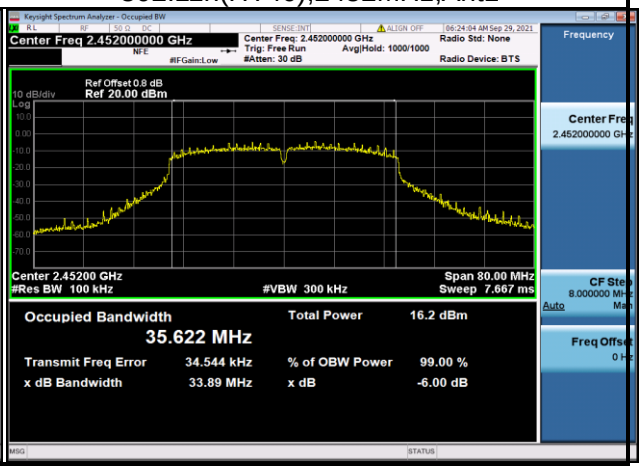
802.11n(HT40),2437MHz,Ant1



802.11n(HT40),2452MHz,Ant0



802.11n(HT40),2452MHz,Ant1



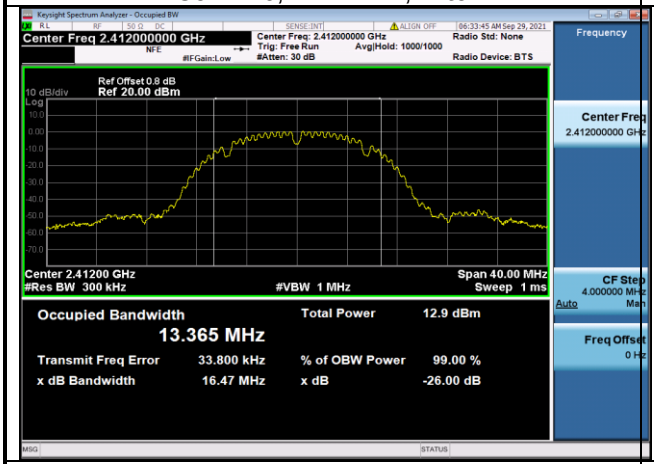
3. Occupied Bandwidth

3.1 Test Data

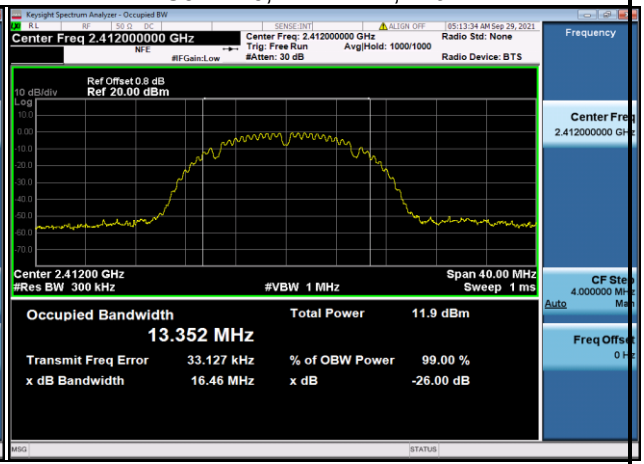
WLAN 99% Occupied Bandwidth				
Mode	Test Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Result
802.11b	2412	Ant0	13.365	Pass
802.11b	2412	Ant1	13.352	Pass
802.11b	2437	Ant0	13.446	Pass
802.11b	2437	Ant1	13.458	Pass
802.11b	2462	Ant0	13.656	Pass
802.11b	2462	Ant1	13.337	Pass
802.11g	2412	Ant0	16.175	Pass
802.11g	2412	Ant1	16.147	Pass
802.11g	2437	Ant0	16.195	Pass
802.11g	2437	Ant1	16.174	Pass
802.11g	2462	Ant0	16.248	Pass
802.11g	2462	Ant1	16.151	Pass
802.11n (HT20)	2412	Ant0	17.308	Pass
802.11n (HT20)	2412	Ant1	17.200	Pass
802.11n (HT20)	2437	Ant0	17.274	Pass
802.11n (HT20)	2437	Ant1	17.163	Pass
802.11n (HT20)	2462	Ant0	17.297	Pass
802.11n (HT20)	2462	Ant1	17.253	Pass
802.11n (HT40)	2422	Ant0	36.021	Pass
802.11n (HT40)	2422	Ant1	35.881	Pass
802.11n (HT40)	2437	Ant0	35.883	Pass
802.11n (HT40)	2437	Ant1	35.858	Pass
802.11n (HT40)	2452	Ant0	35.935	Pass
802.11n (HT40)	2452	Ant1	35.825	Pass

3.2 Test Plots

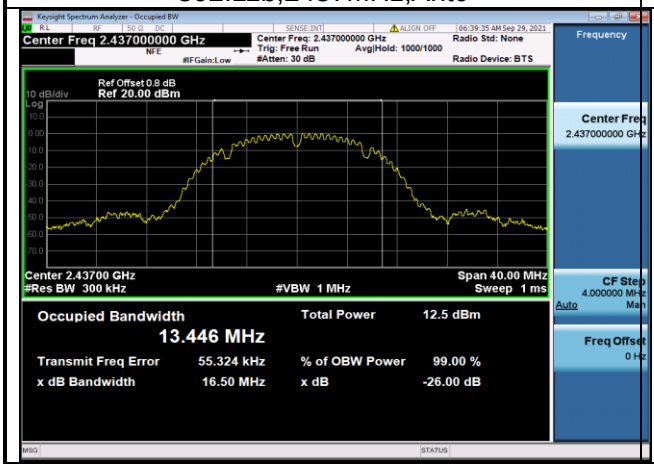
802.11b,2412MHz,Ant0



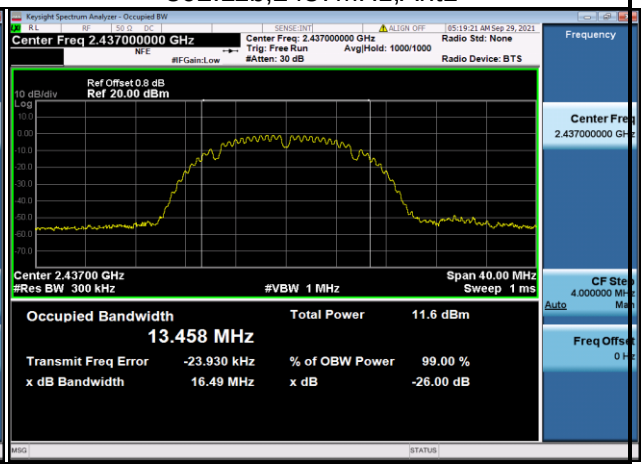
802.11b,2412MHz,Ant1



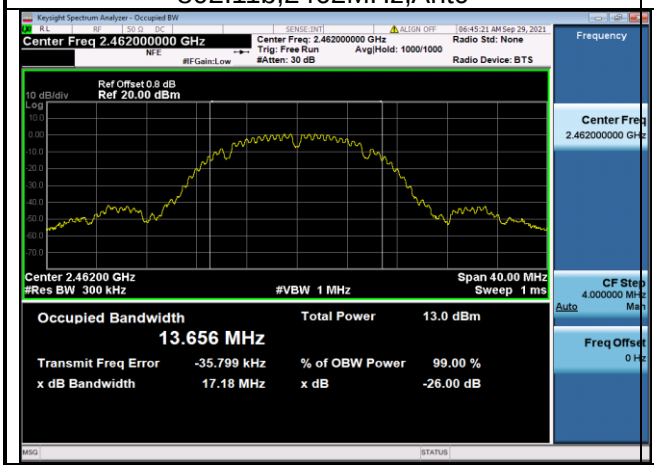
802.11b,2437MHz,Ant0



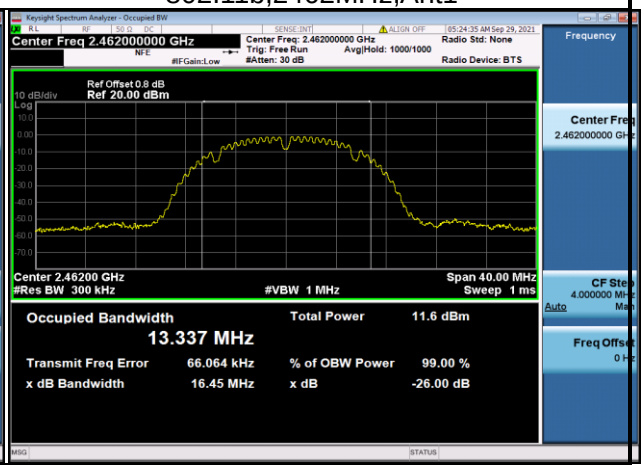
802.11b,2437MHz,Ant1



802.11b,2462MHz,Ant0



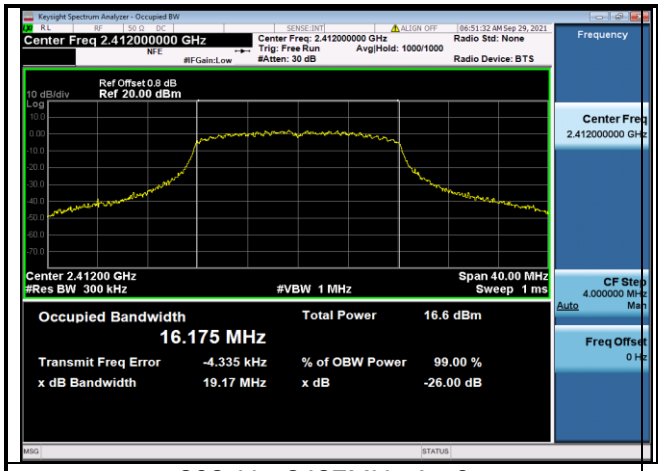
802.11b,2462MHz,Ant1



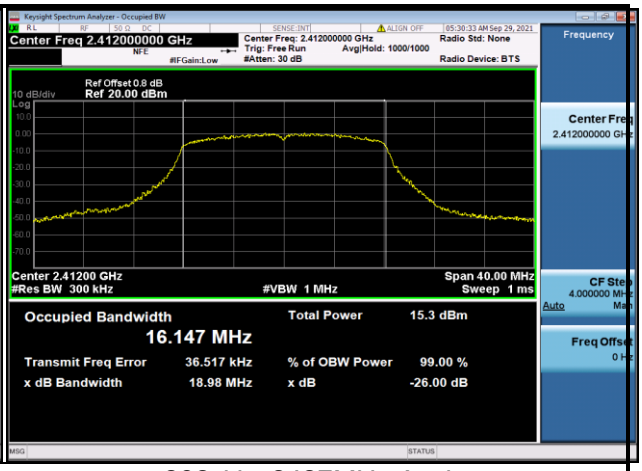
802.11g,2412MHz,Ant0

802.11g,2412MHz,Ant1

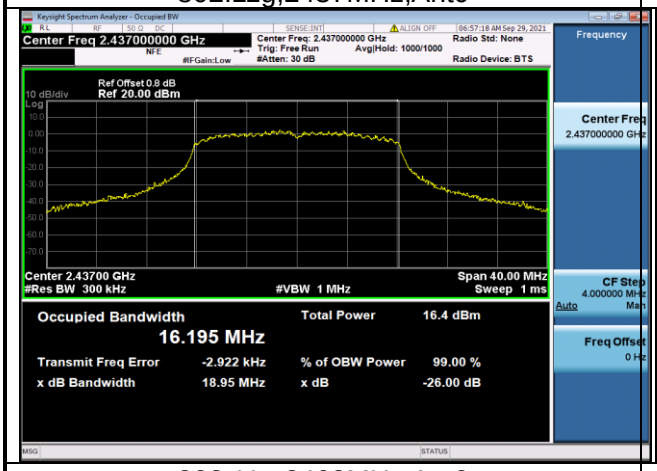
TEST REPORT



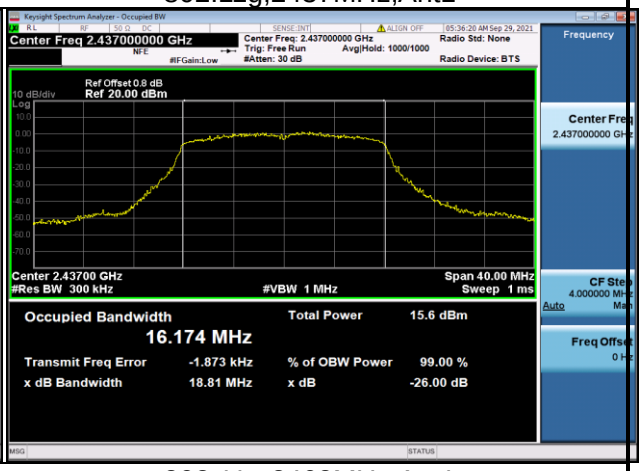
802.11g,2437MHz,Ant0



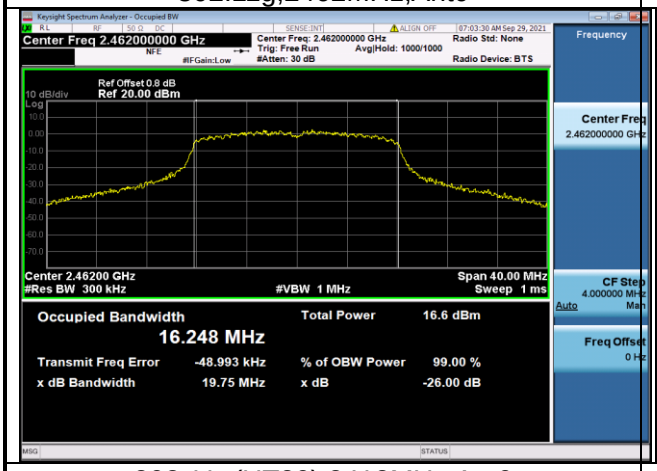
802.11g,2437MHz,Ant1



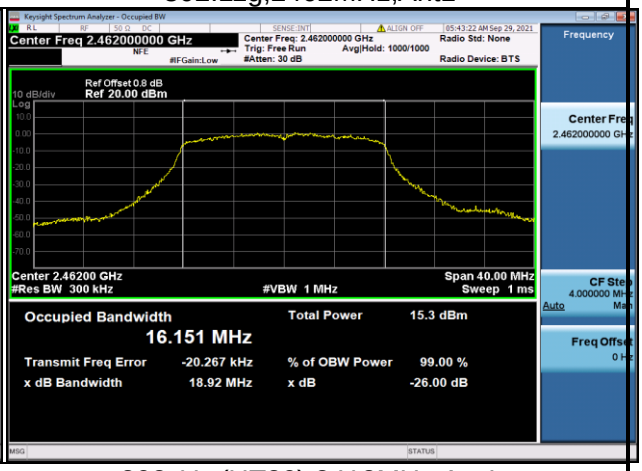
802.11g,2462MHz,Ant0



802.11g,2462MHz,Ant1

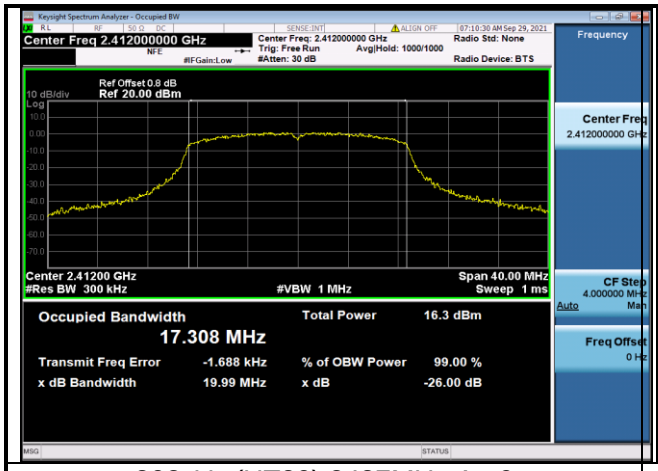


802.11n(HT20),2412MHz,Ant0

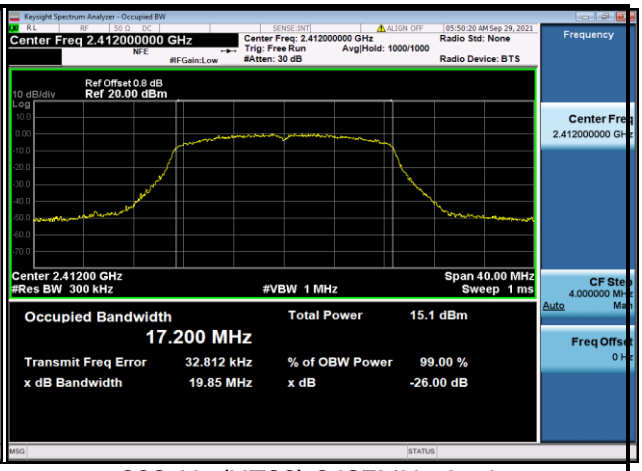


802.11n(HT20),2412MHz,Ant1

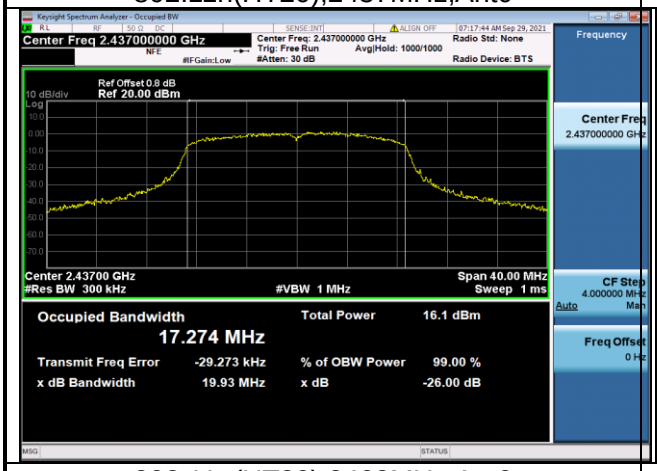
TEST REPORT



802.11n(HT20),2437MHz,Ant0

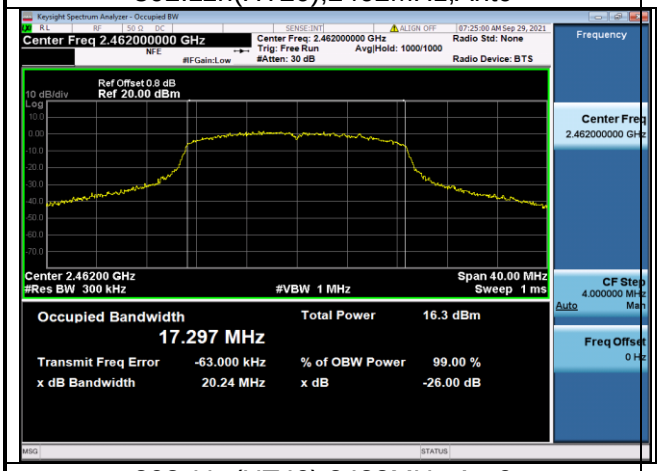


802.11n(HT20),2437MHz,Ant1

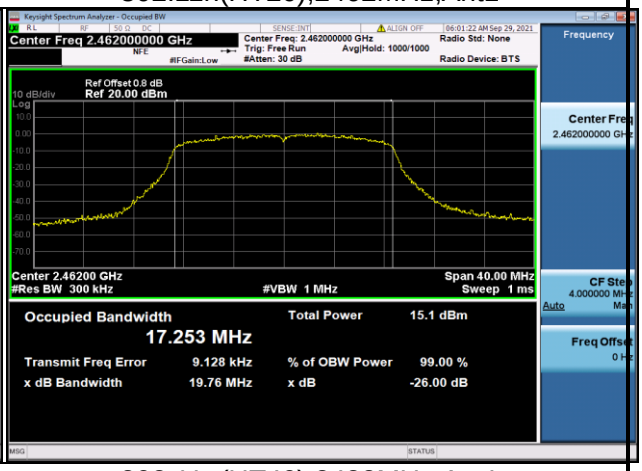


802.11n(HT20),2462MHz,Ant0

802.11n(HT20),2462MHz,Ant1

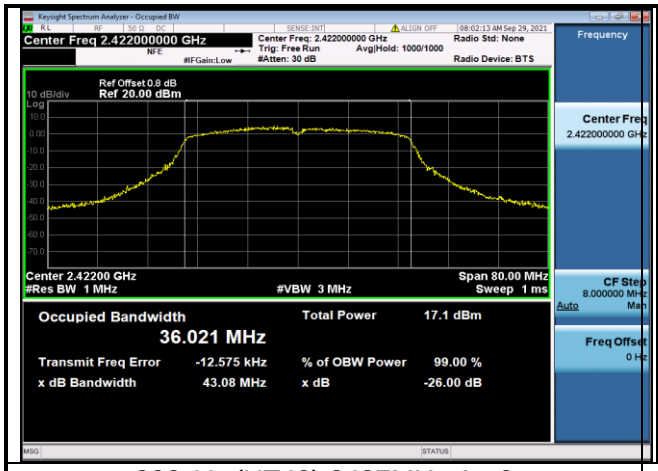


802.11n(HT40),2422MHz,Ant0

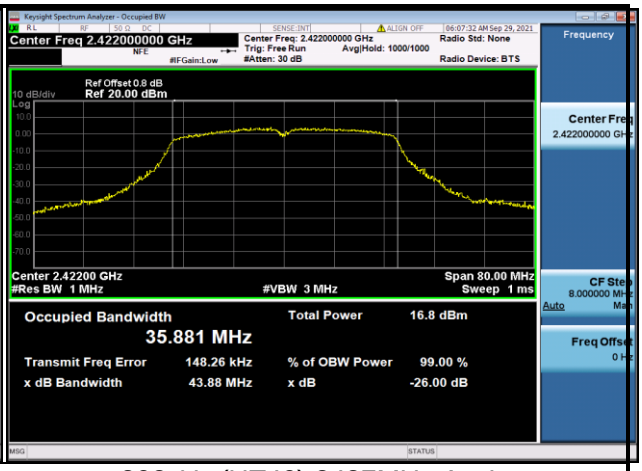


802.11n(HT40),2422MHz,Ant1

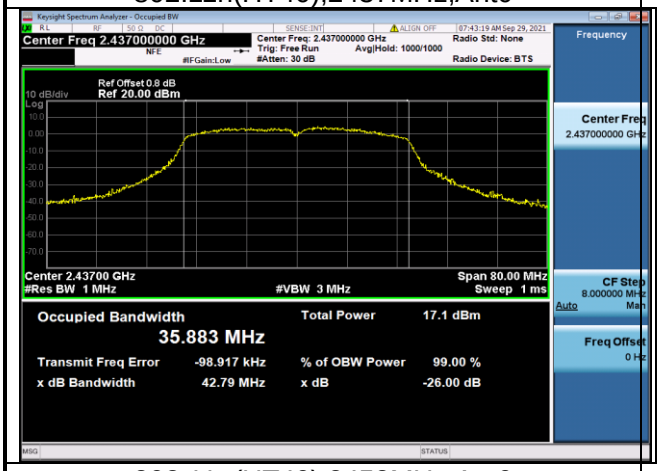
TEST REPORT



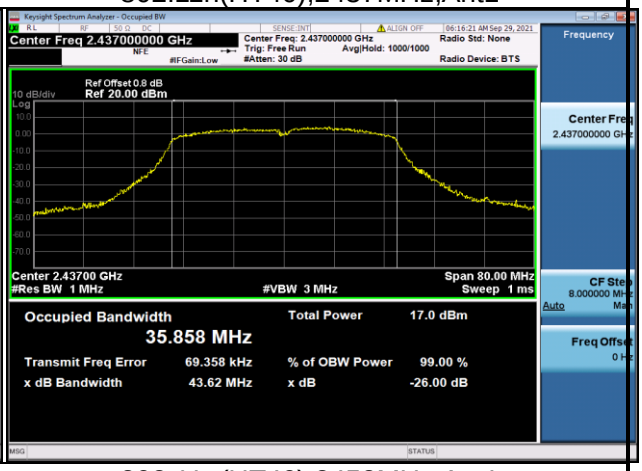
802.11n(HT40),2437MHz,Ant0



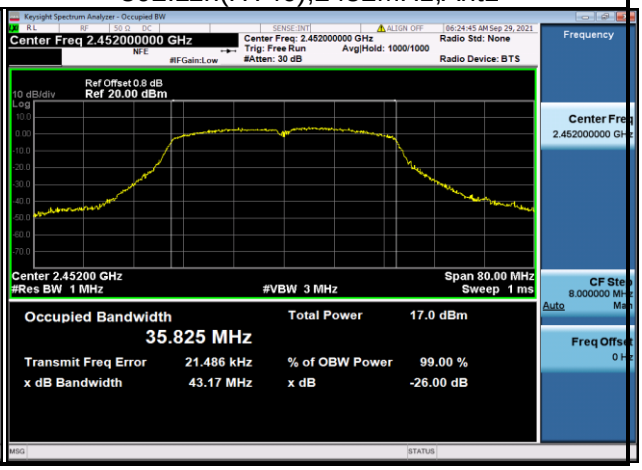
802.11n(HT40),2437MHz,Ant1



802.11n(HT40),2452MHz,Ant0



802.11n(HT40),2452MHz,Ant1



4. Maximum conducted output power and e.i.r.p

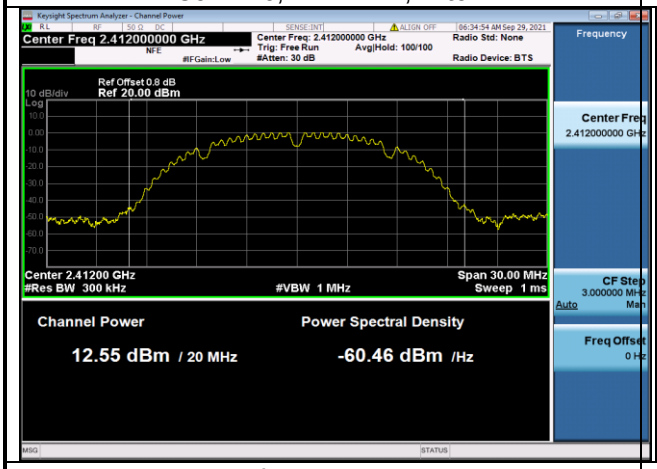
4.1 Test Data

WLAN AVGSA Output Power								
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Total Power (dBm)	FCC Power Limit (dBm)	EIRP (dBm)	Result
802.11b	2412	Ant0	0.00	12.55	12.55	30	14.55	Pass
802.11b	2412	Ant1	0.00	11.35	11.35	30	13.35	Pass
802.11b	2437	Ant0	0.00	11.97	11.97	30	13.97	Pass
802.11b	2437	Ant1	0.00	11.24	11.24	30	13.24	Pass
802.11b	2462	Ant0	0.00	12.30	12.30	30	14.30	Pass
802.11b	2462	Ant1	0.00	11.20	11.20	30	13.20	Pass
802.11g	2412	Ant0	0.11	14.60	14.60	30	16.60	Pass
802.11g	2412	Ant1	0.11	13.47	13.47	30	15.47	Pass
802.11g	2437	Ant0	0.11	14.34	14.34	30	16.34	Pass
802.11g	2437	Ant1	0.11	13.75	13.75	30	15.75	Pass
802.11g	2462	Ant0	0.11	14.51	14.51	30	16.51	Pass
802.11g	2462	Ant1	0.11	13.38	13.38	30	15.38	Pass
802.11n (HT20)	2412	Ant0	0.11	14.48	16.98	30	18.98	Pass
802.11n (HT20)	2412	Ant1	0.11	13.39				
802.11n (HT20)	2437	Ant0	0.11	14.17	16.95	30	18.95	Pass
802.11n (HT20)	2437	Ant1	0.11	13.70				
802.11n (HT20)	2462	Ant0	0.11	14.36	16.86	30	18.86	Pass
802.11n (HT20)	2462	Ant1	0.11	13.28				
802.11n (HT40)	2422	Ant0	0.18	13.53	16.41	30	16.61	Pass
802.11n (HT40)	2422	Ant1	0.14	13.26				
802.11n (HT40)	2437	Ant0	0.18	13.38	16.36	30	18.36	Pass
802.11n (HT40)	2437	Ant1	0.18	13.31				
802.11n (HT40)	2452	Ant0	0.18	13.36	16.36	30	18.36	Pass
802.11n (HT40)	2452	Ant1	0.14	13.33				

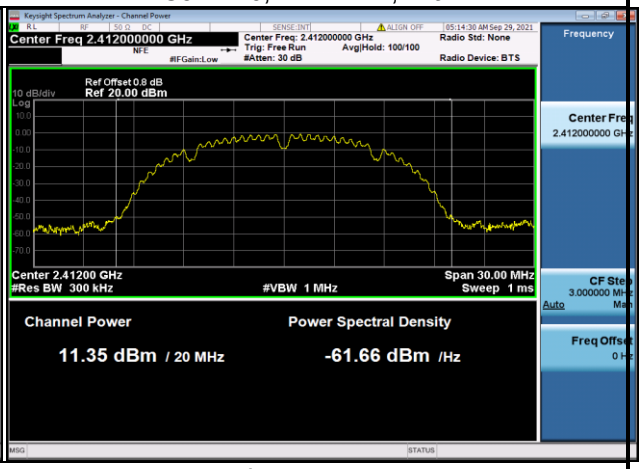
TEST REPORT

4.2 Test Plots

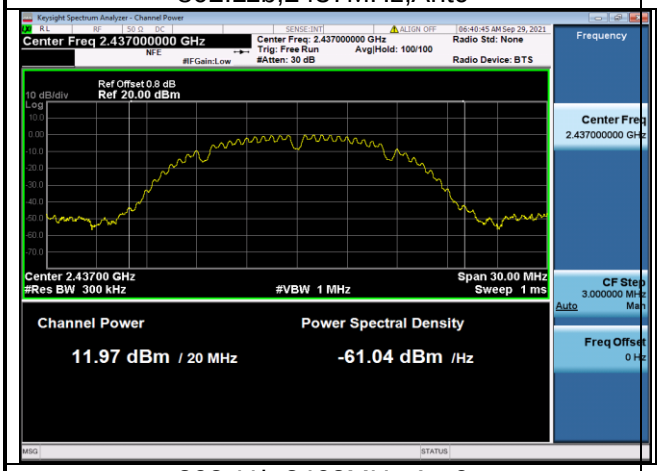
802.11b,2412MHz,Ant0



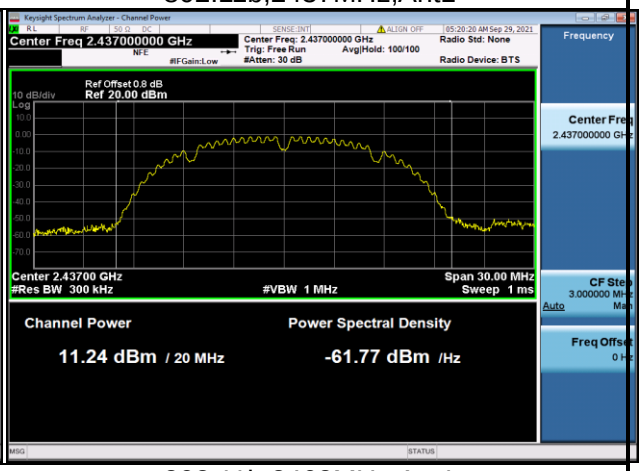
802.11b,2412MHz,Ant1



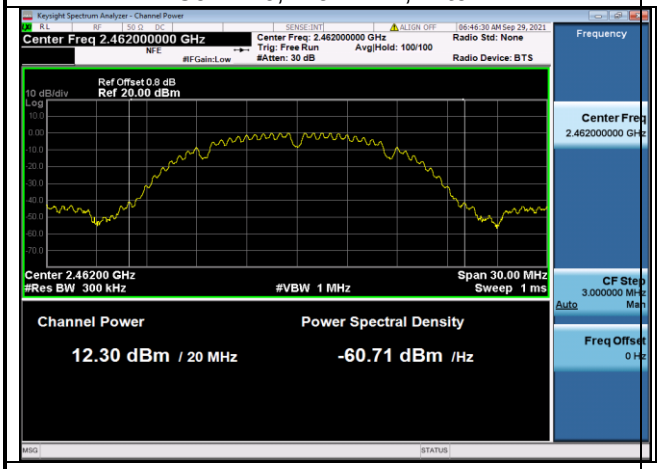
802.11b,2437MHz,Ant0



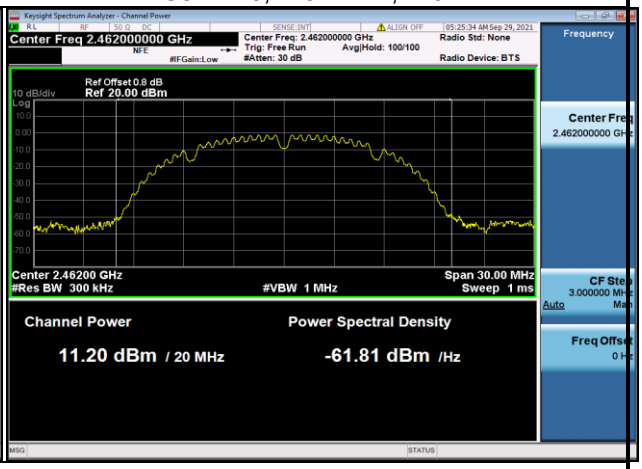
802.11b,2437MHz,Ant1



802.11b,2462MHz,Ant0



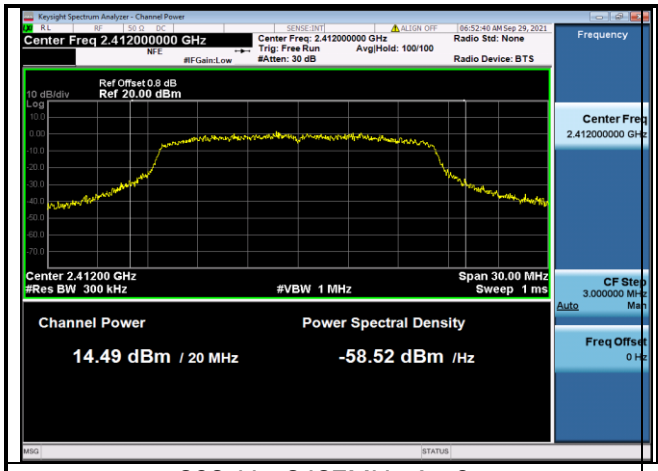
802.11b,2462MHz,Ant1



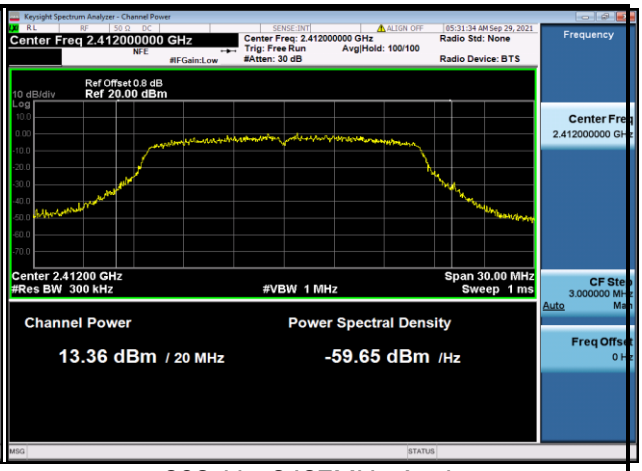
802.11g,2412MHz,Ant0

802.11g,2412MHz,Ant1

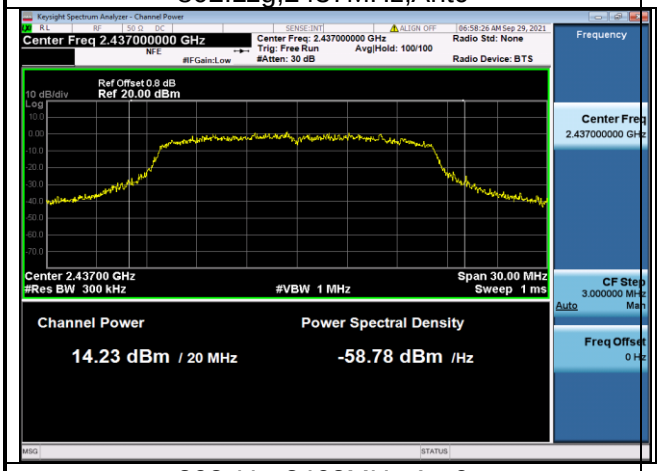
TEST REPORT



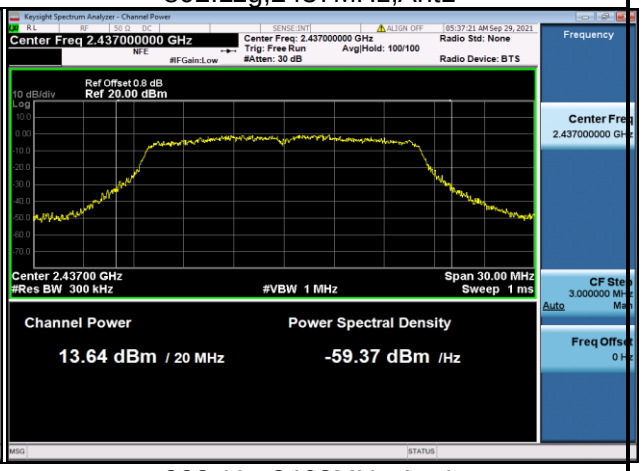
802.11g,2437MHz,Ant0



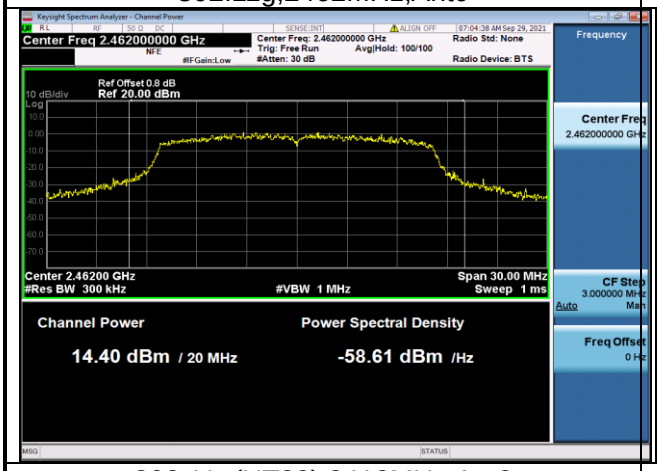
802.11g,2437MHz,Ant1



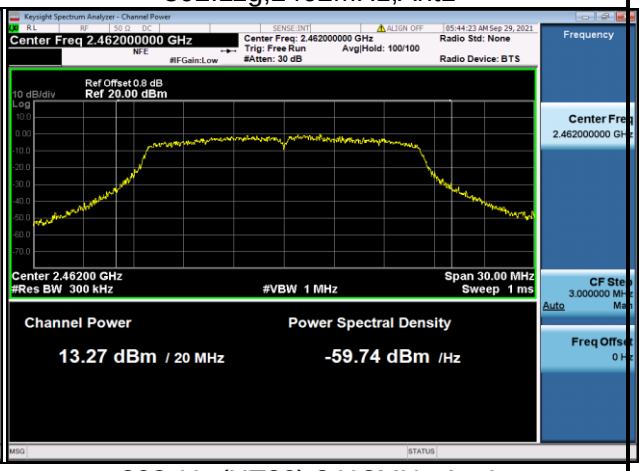
802.11g,2462MHz,Ant0



802.11g,2462MHz,Ant1

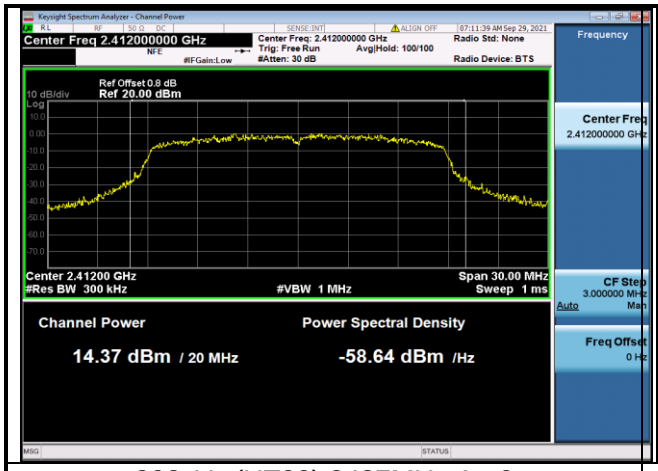


802.11n(HT20),2412MHz,Ant0

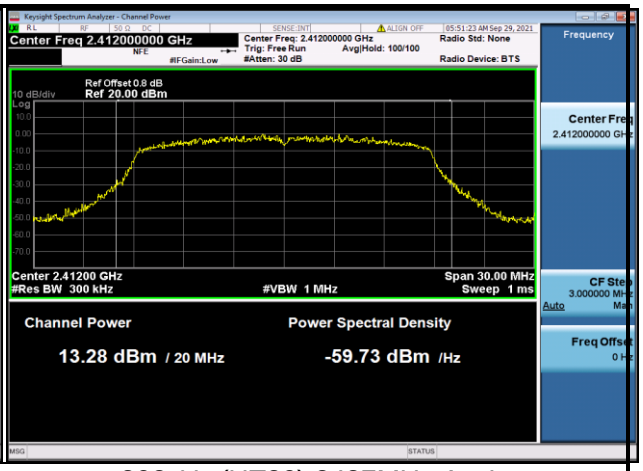


802.11n(HT20),2412MHz,Ant1

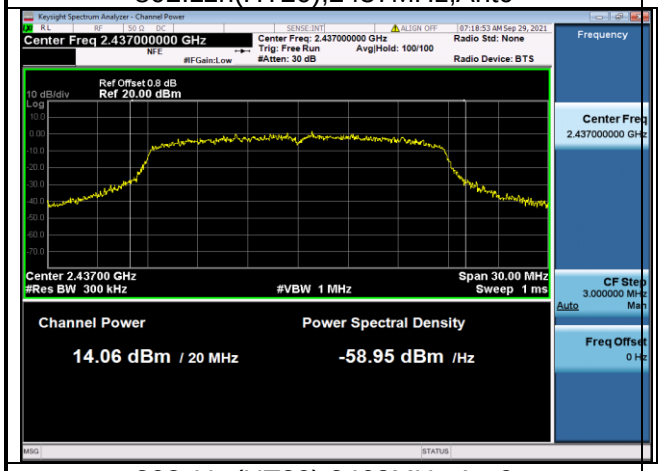
TEST REPORT



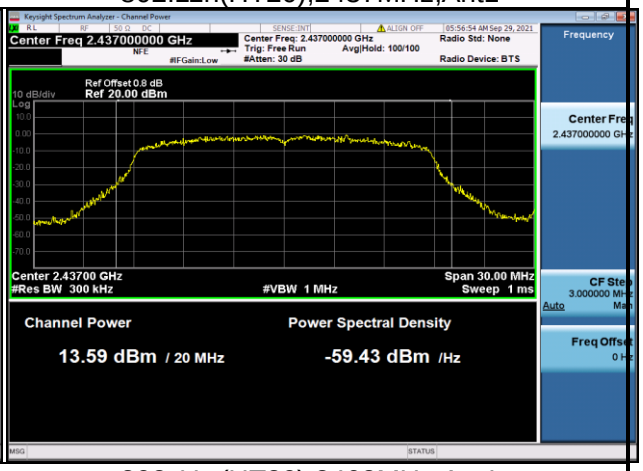
802.11n(HT20),2437MHz,Ant0



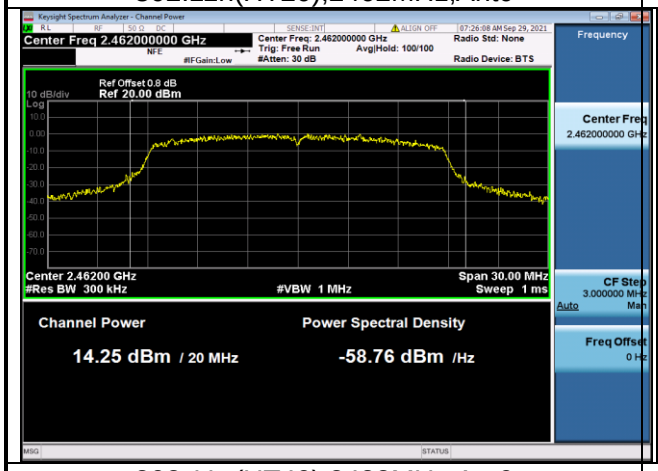
802.11n(HT20),2437MHz,Ant1



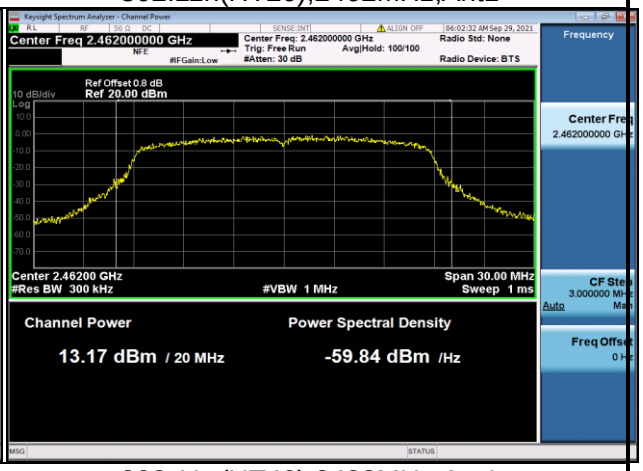
802.11n(HT20),2462MHz,Ant0



802.11n(HT20),2462MHz,Ant1



802.11n(HT40),2422MHz,Ant0



802.11n(HT40),2422MHz,Ant1