

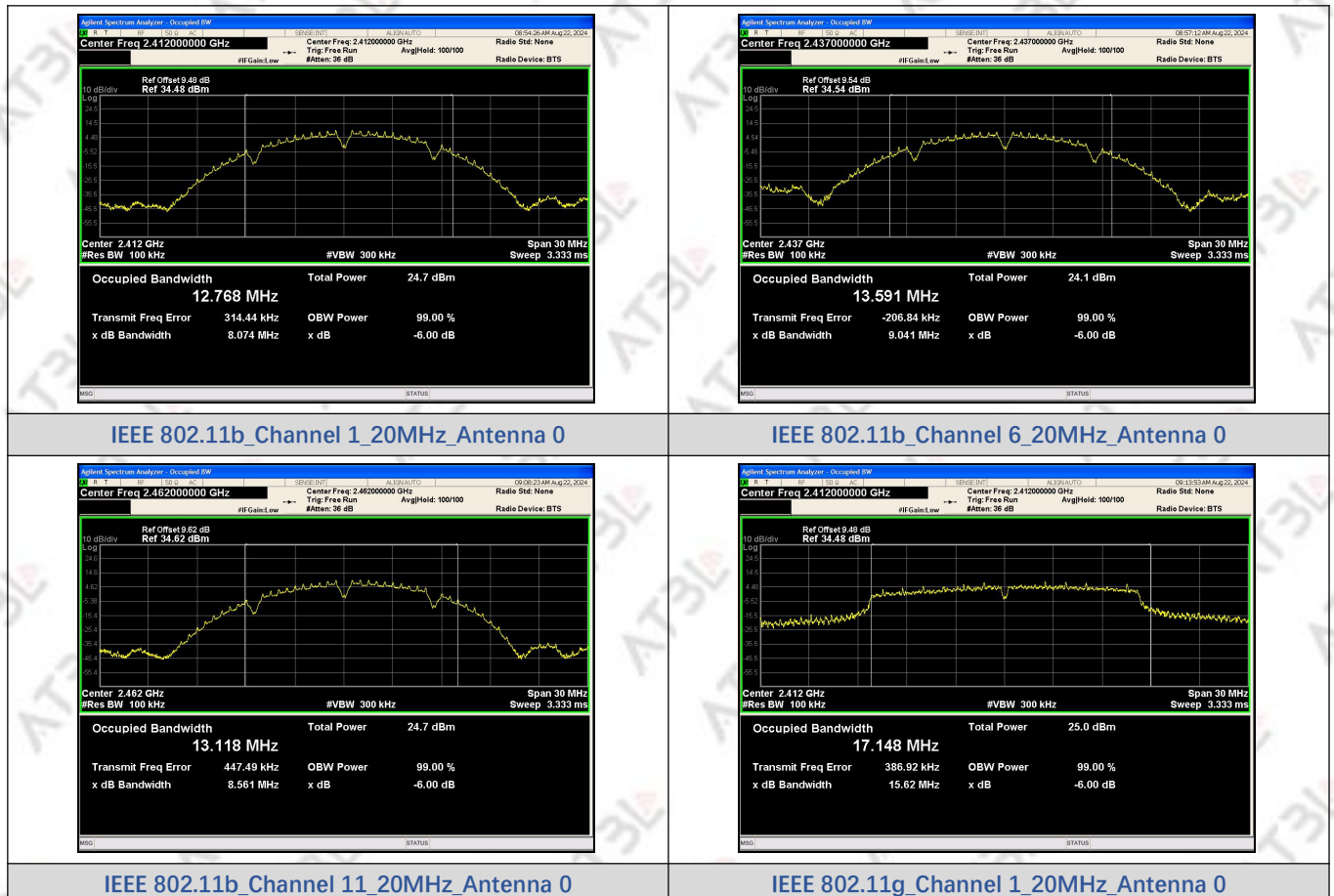
Appendix A3.6dB Bandwidth and 99% Bandwidth

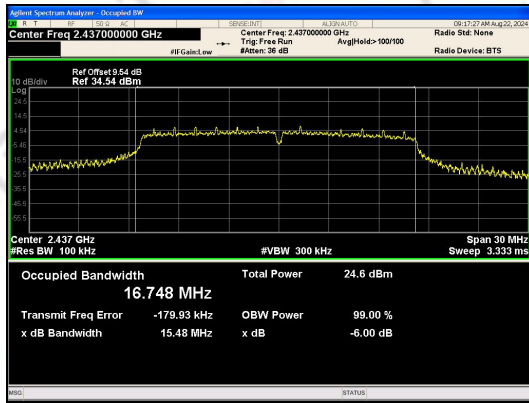
6dB Bandwidth

Test Result

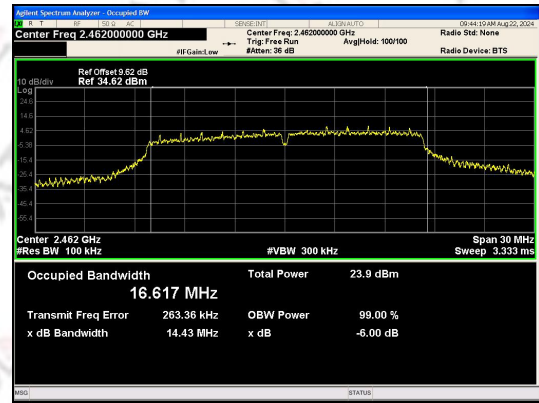
Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	8.074	≥0.5	PASS
	6		2437	9.041		PASS
	11		2462	8.561		PASS
IEEE 802.11g	1		2412	15.62		PASS
	6		2437	15.48		PASS
	11		2462	14.43		PASS
IEEE 802.11n_20	1		2412	16.28		PASS
	6		2437	16.09		PASS
	11		2462	16.30		PASS
IEEE 802.11n_40	3		2422	26.33		PASS
	6		2437	35.72		PASS
	9		2452	35.67		PASS

Test Graphs

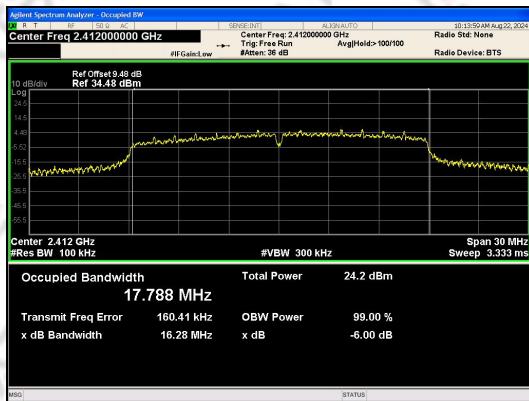




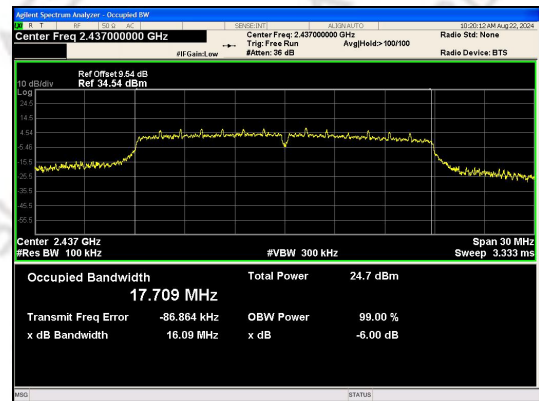
IEEE 802.11g_Channel 6_20MHz_Antenna 0



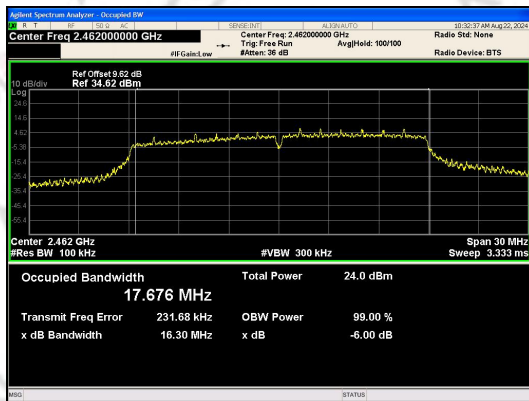
IEEE 802.11g_Channel 11_20MHz_Antenna 0



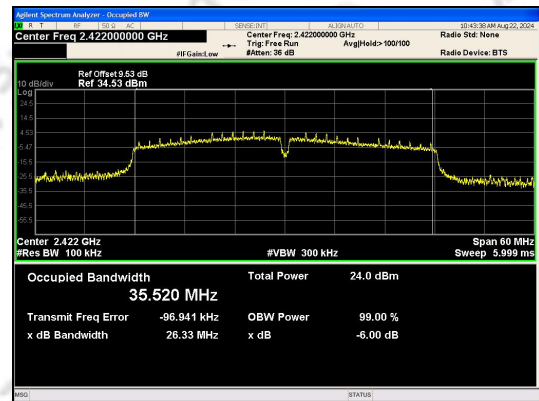
IEEE 802.11n_Channel 1_20MHz_Antenna 0



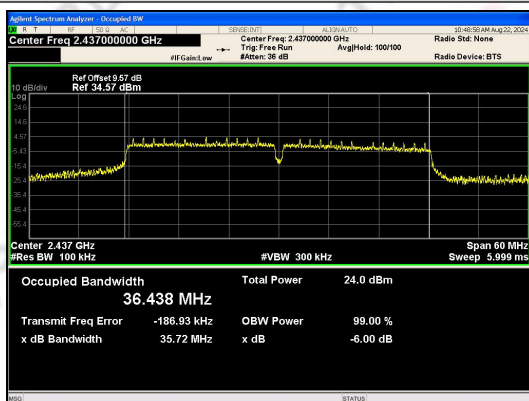
IEEE 802.11n_Channel 6_20MHz_Antenna 0



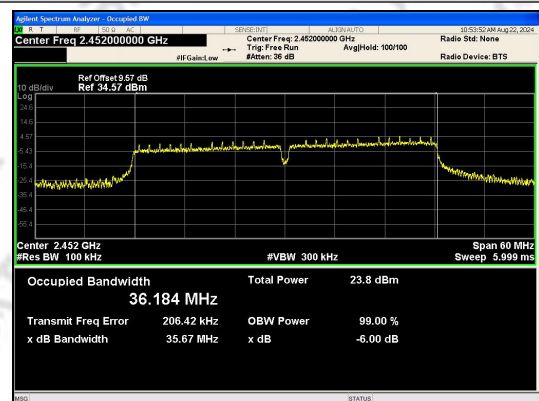
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



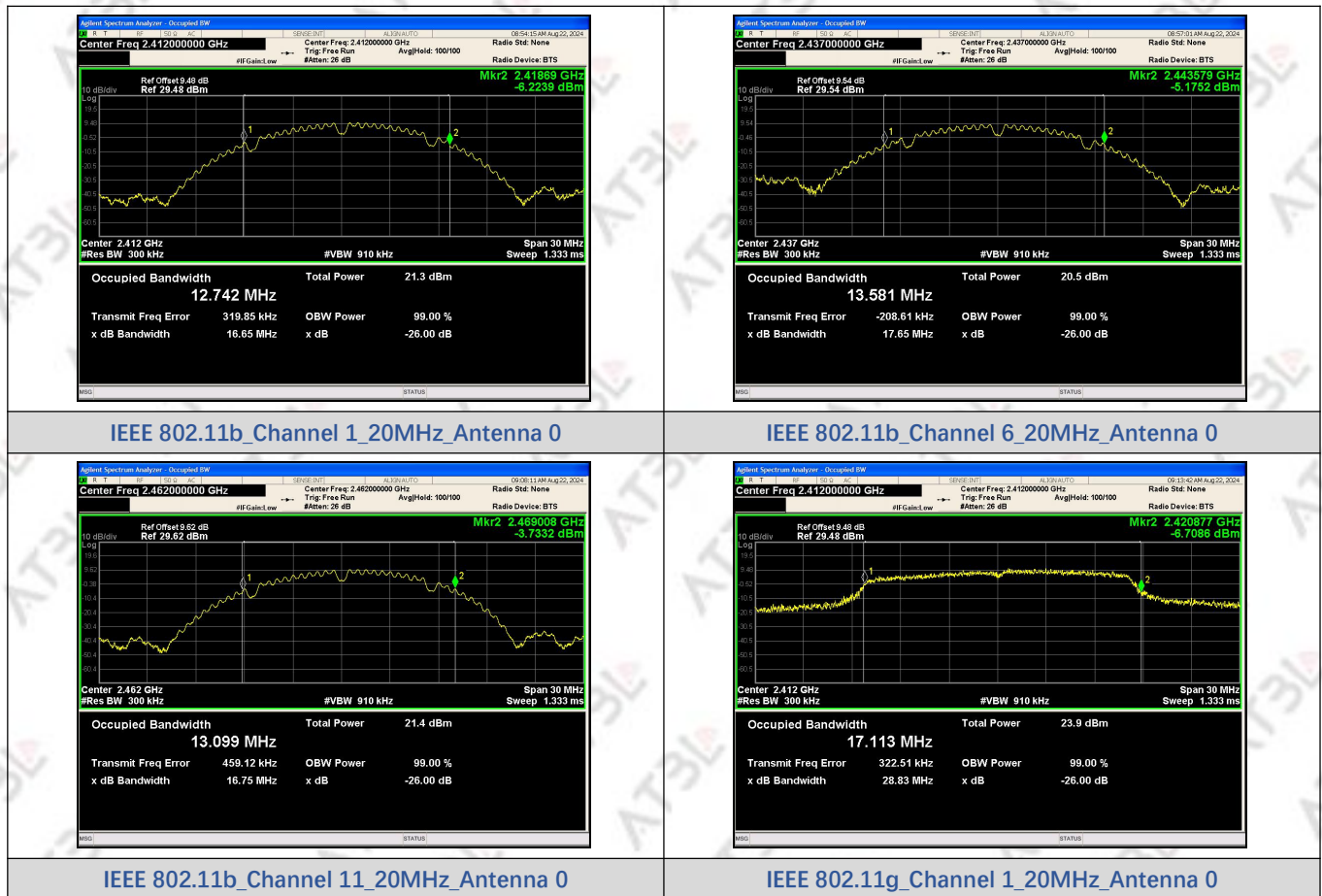
IEEE 802.11n_Channel 9_40MHz_Antenna 0

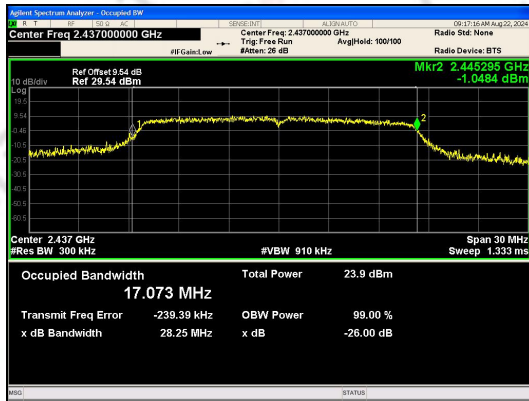
99% Bandwidth

Test Result

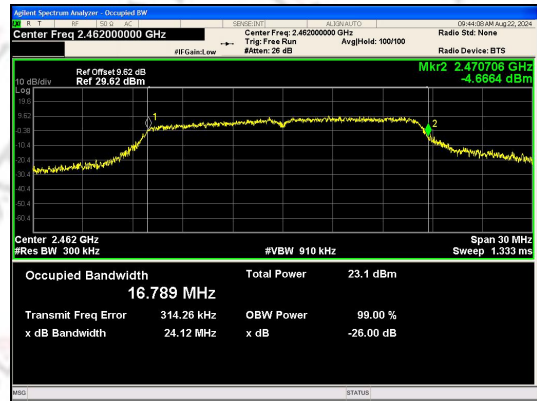
Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11b	1	0	2412	12.742
	6		2437	13.581
	11		2462	13.099
IEEE 802.11g	1		2412	17.113
	6		2437	17.073
	11		2462	16.789
IEEE 802.11n_20	1		2412	17.912
	6		2437	17.993
	11		2462	17.813
IEEE 802.11n_40	3		2422	35.711
	6		2437	37.031
	9		2452	36.581

Test Graphs

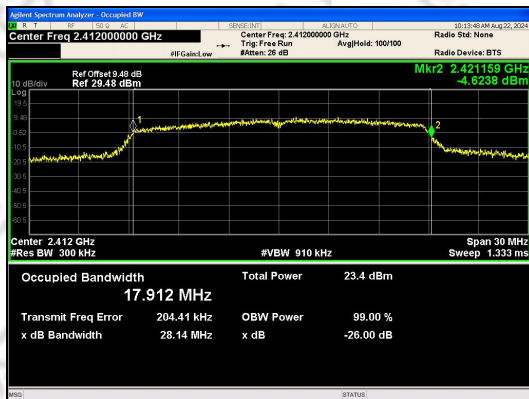




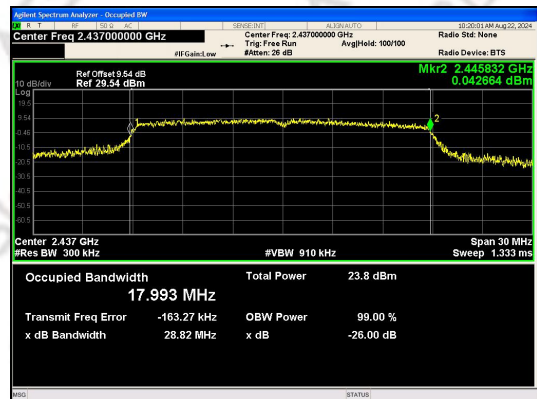
IEEE 802.11g_Channel 6_20MHz_Antenna 0



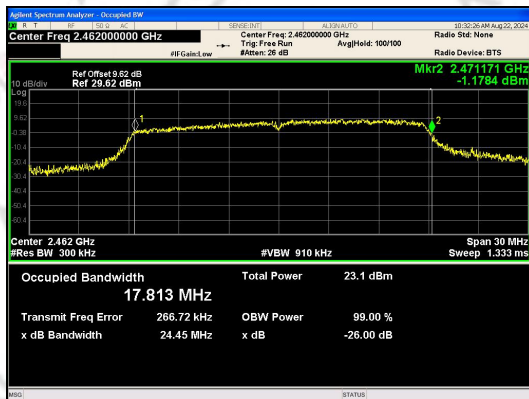
IEEE 802.11g_Channel 11_20MHz_Antenna 0



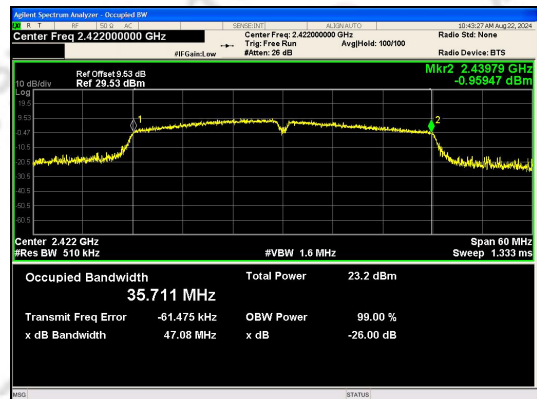
IEEE 802.11n_Channel 1_20MHz_Antenna 0



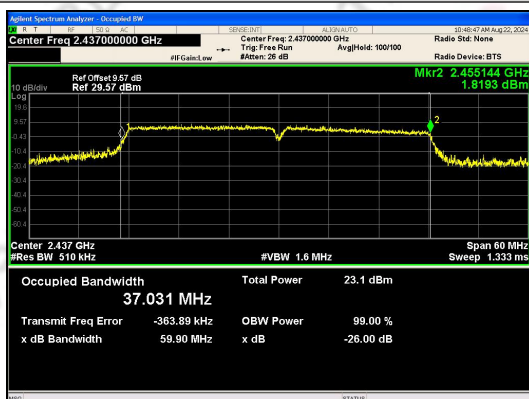
IEEE 802.11n_Channel 6_20MHz_Antenna 0



IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



IEEE 802.11n_Channel 9_40MHz_Antenna 0

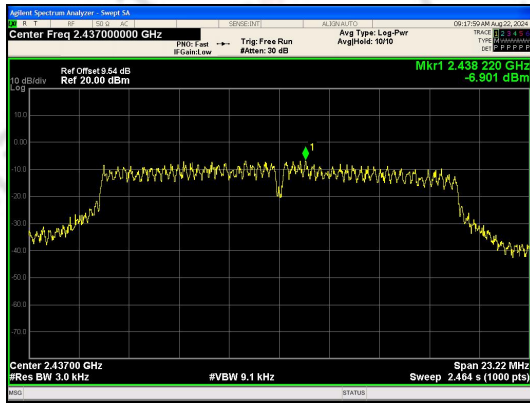
Appendix A4.Power Spectral Density

Test Result

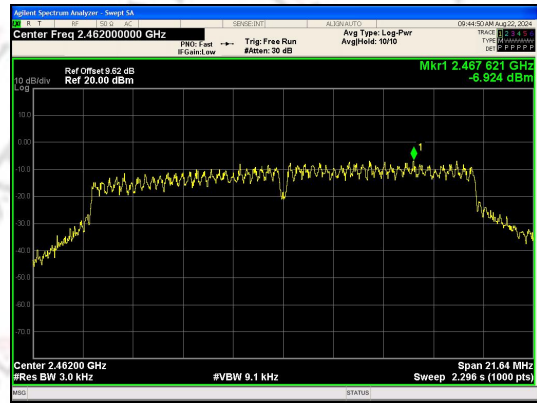
Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-4.717	≤8	PASS
	6	-4.762		PASS
	11	-5.148		PASS
IEEE 802.11g	1	-5.126		PASS
	6	-6.901		PASS
	11	-6.924		PASS
IEEE 802.11n_20	1	-6.293		PASS
	6	-7.423		PASS
	11	-7.983		PASS
IEEE 802.11n_40	3	-9.211		PASS
	6	-10.701		PASS
	9	-9.806		PASS

Test Graphs

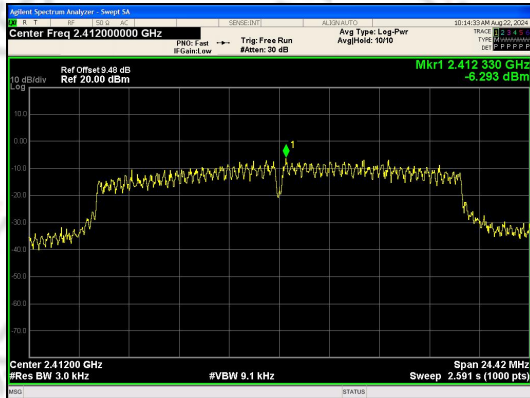




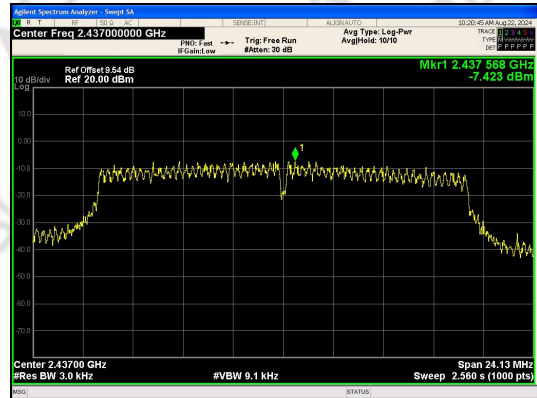
IEEE 802.11g_Channel 6_20MHz_Antenna 0



IEEE 802.11g_Channel 11_20MHz_Antenna 0



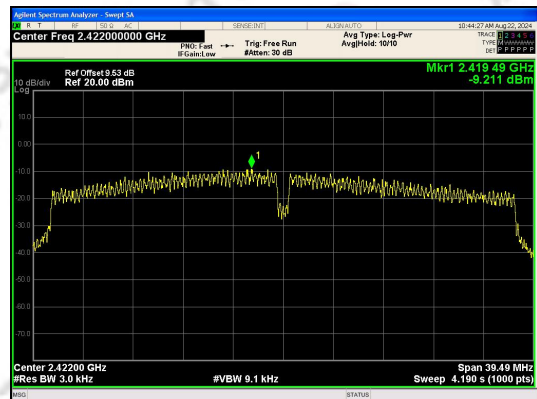
IEEE 802.11n_Channel 1_20MHz_Antenna 0



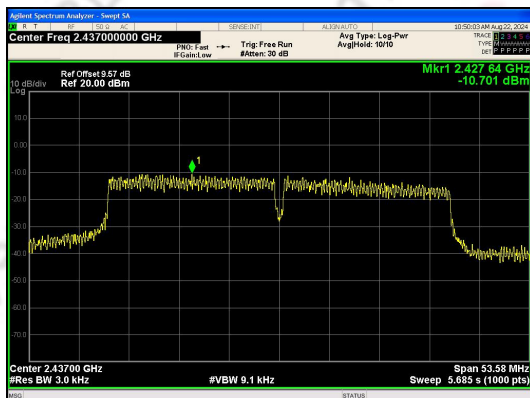
IEEE 802.11n_Channel 6_20MHz_Antenna 0



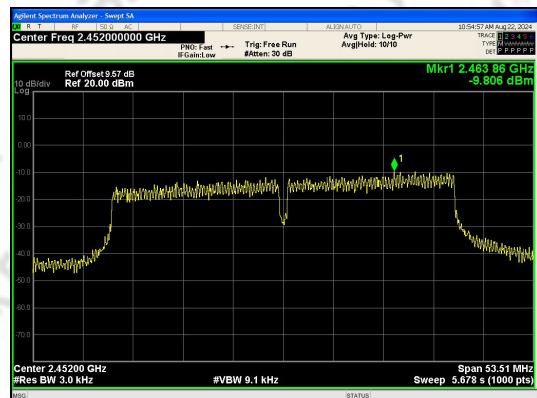
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



IEEE 802.11n_Channel 9_40MHz_Antenna 0

Appendix A5. Conducted Out Of Band Emission

Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2398.40	-40.396	-10.14	-30.256	PASS
			2400.00	-42.305	-10.14	-32.165	PASS
			4824.20	-45.968	-10.14	-35.828	PASS
			7216.40	-56.937	-10.14	-46.797	PASS
			9633.50	-55.498	-10.14	-45.358	PASS
	6		4874.18	-43.568	-11.37	-32.198	PASS
			7300.64	-57.082	-11.37	-45.712	PASS
			9757.69	-58.113	-11.37	-46.743	PASS
	11		2483.50	-42.158	-10.83	-31.328	PASS
			4924.12	-43.703	-10.83	-32.873	PASS
			7373.05	-57.449	-10.83	-46.619	PASS
			9851.95	-57.986	-10.83	-47.156	PASS
IEEE 802.11g	1		2398.66	-16.756	-11.22	-5.536	PASS
			2400.00	-18.171	-11.22	-6.951	PASS
			4818.60	-55.000	-11.22	-43.780	PASS
			7240.10	-55.800	-11.22	-44.580	PASS
			9631.60	-57.032	-11.22	-45.812	PASS
			24754.0	-46.332	-11.22	-35.112	PASS
	6		4882.30	-56.173	-12.58	-43.593	PASS
			7323.74	-56.431	-12.58	-43.851	PASS
			9730.22	-56.787	-12.58	-44.207	PASS
			21780.1	-44.919	-12.58	-32.339	PASS
	11		2483.50	-32.585	-12.17	-20.415	PASS
			4917.25	-54.812	-12.17	-42.642	PASS
			7398.02	-56.659	-12.17	-44.489	PASS
			9838.22	-58.039	-12.17	-45.869	PASS
			24909.5	-45.847	-12.17	-33.677	PASS
IEEE 802.11n_20	1		2398.27	-19.936	-12.05	-7.886	PASS
			2400.00	-20.520	-12.05	-8.470	PASS
			4818.60	-55.853	-12.05	-43.803	PASS
			7233.20	-54.357	-12.05	-42.307	PASS
			9645.90	-56.474	-12.05	-44.424	PASS
			24920.7	-45.024	-12.05	-32.974	PASS
	6		4869.81	-55.670	-12.34	-43.330	PASS
			7323.11	-56.432	-12.34	-44.092	PASS
			9730.84	-57.310	-12.34	-44.971	PASS
			24910.7	-44.638	-12.34	-32.298	PASS
	11		2483.50	-33.439	-12.99	-20.449	PASS
			4932.86	-54.209	-12.99	-41.219	PASS

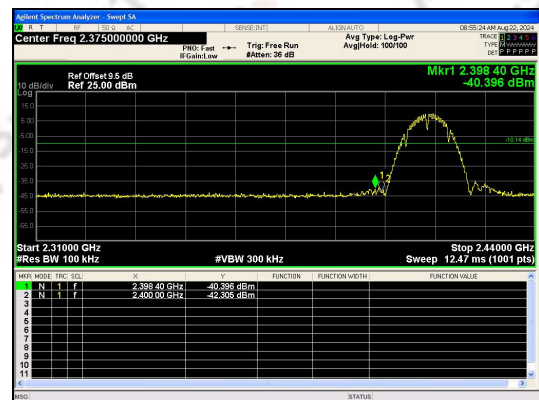
IEEE 802.11n_40	3	7379.92	-57.430	-12.99	-44.440	PASS
		9864.43	-58.064	-12.99	-45.074	PASS
		24617.3	-45.654	-12.99	-32.664	PASS
		2394.50	-20.572	-14.03	-6.542	PASS
		2400.00	-23.708	-14.03	-9.678	PASS
		4872.90	-56.542	-14.03	-42.512	PASS
		7282.50	-56.540	-14.03	-42.510	PASS
		9660.30	-56.923	-14.03	-42.893	PASS
		24677.9	-45.557	-14.03	-31.527	PASS
	6	4861.07	-55.486	-15.67	-39.816	PASS
		7271.30	-55.610	-15.67	-39.940	PASS
		9732.72	-56.595	-15.67	-40.925	PASS
		24377.0	-45.196	-15.67	-29.526	PASS
		2483.50	-27.255	-15.12	-12.135	PASS
		4931.61	-53.620	-15.12	-38.500	PASS
	9	7386.16	-55.911	-15.12	-40.791	PASS
		9781.41	-56.700	-15.12	-41.580	PASS
		24814.0	-45.173	-15.12	-30.053	PASS

Test Graphs



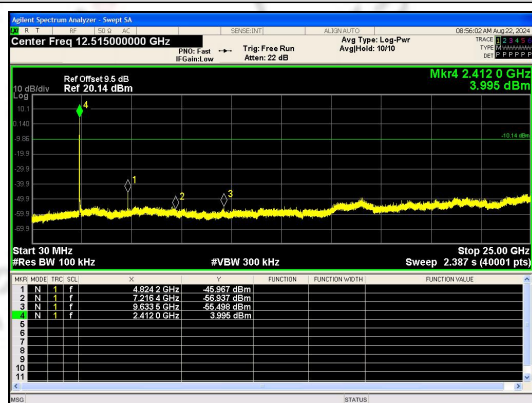
In-Band Reference Level

IEEE 802.11b_Channel 1_20MHz_Antenna 0



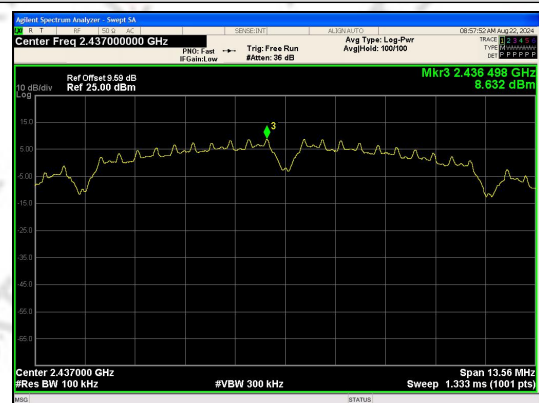
Out Of Band Emission

IEEE 802.11b_Channel 1_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz

IEEE 802.11b_Channel 1_20MHz_Antenna 0



In-Band Reference Level

IEEE 802.11b_Channel 6_20MHz_Antenna 0