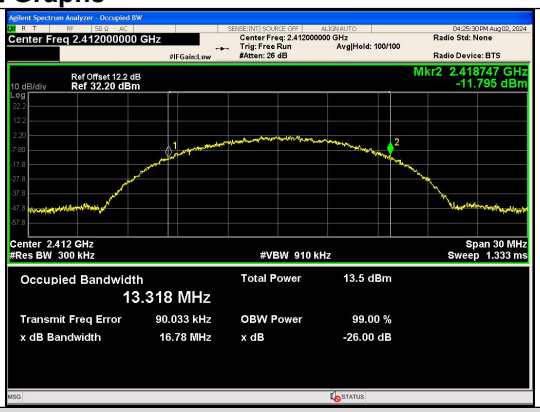
APPENDIX IV.99% Bandwidth

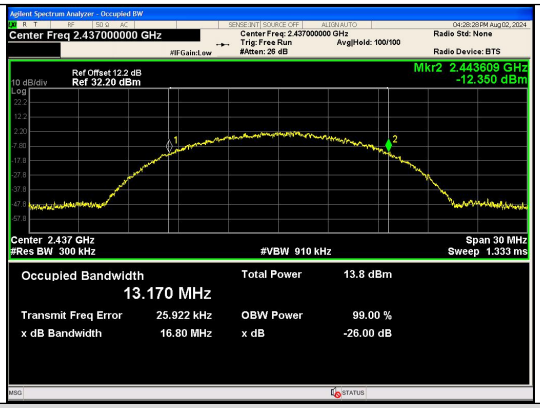
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11b	1	0	2412	13.318
	6		2437	13.170
	11		2462	13.266
IEEE 802.11g	1		2412	16.564
	6		2437	16.487
	11		2462	16.490
IEEE 802.11n_20	1		2412	17.639
	6		2437	17.612
	11		2462	17.640
IEEE 802.11n_40	3		2422	36.005
	6		2437	35.869
	9		2452	35.970

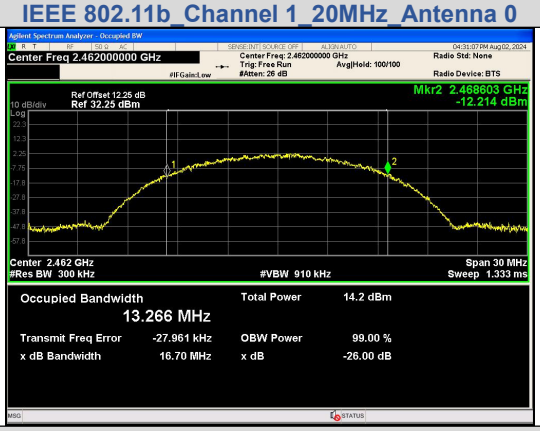
Test Graphs



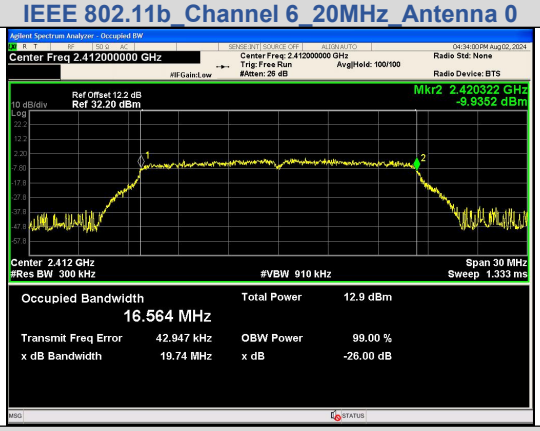
IEEE 802.11b_Channel 1_20MHz_Antenna 0



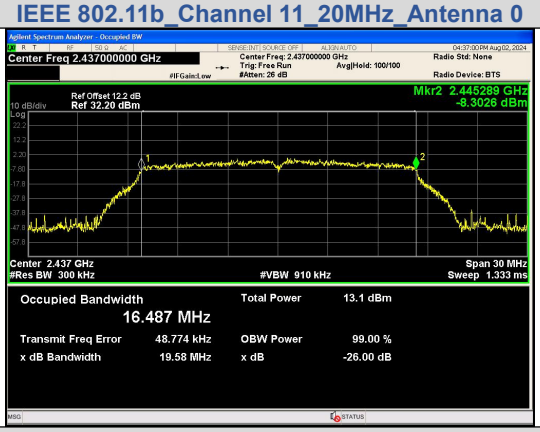
IEEE 802.11b_Channel 6_20MHz_Antenna 0



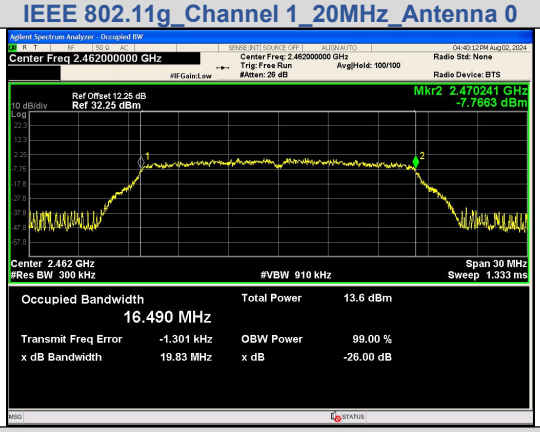
IEEE 802.11b_Channel 11_20MHz_Antenna 0



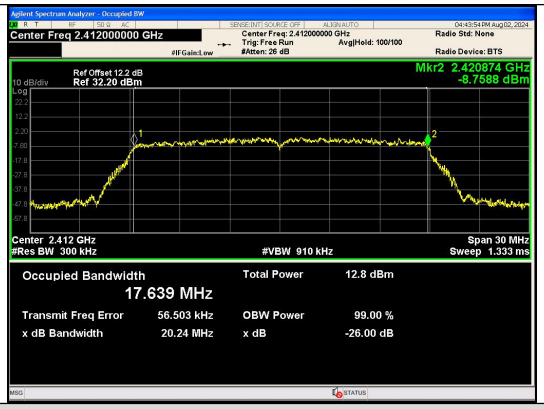
IEEE 802.11g_Channel 1_20MHz_Antenna 0



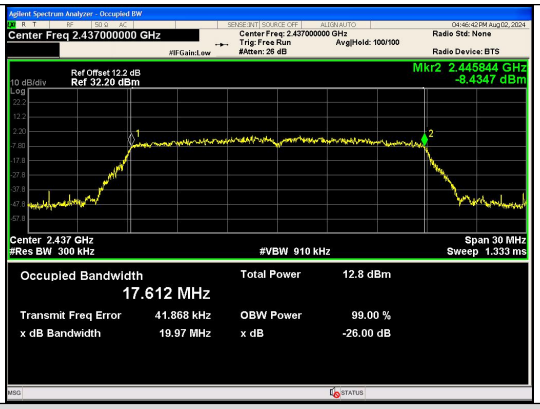
IEEE 802.11g_Channel 6_20MHz_Antenna 0



IEEE 802.11g_Channel 11_20MHz_Antenna 0

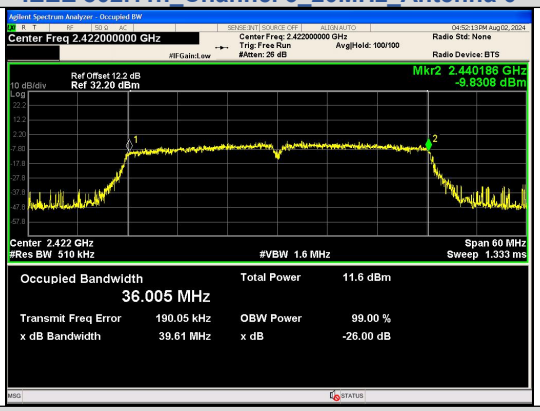


IEEE 802.11n_Channel 1_20MHz_Antenna 0

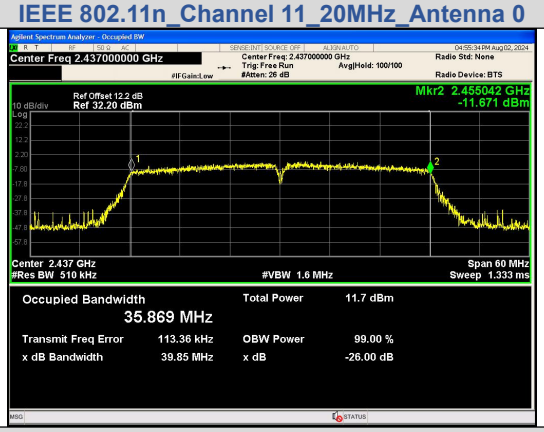


IEEE 802.11n_Channel 6_20MHz_Antenna 0

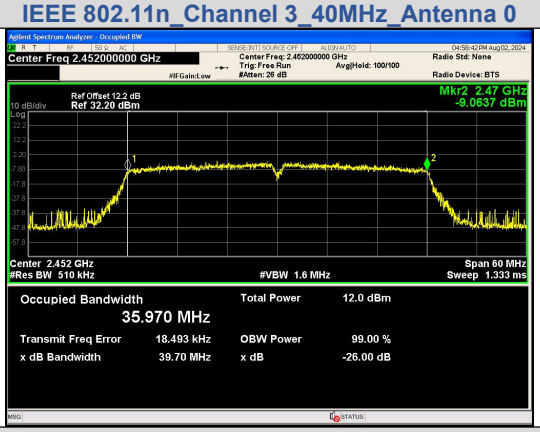
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



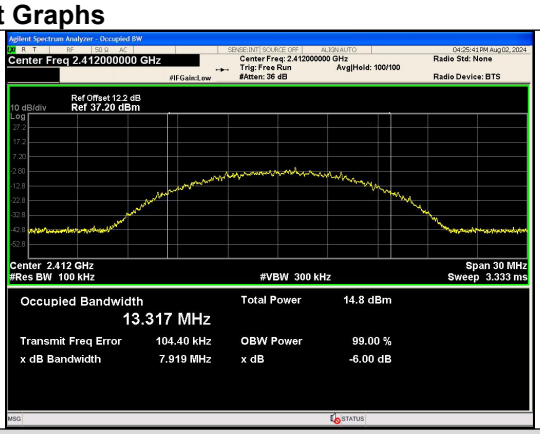
IEEE 802.11n_Channel 9_40MHz_Antenna 0

APPENDIX V.6dB Bandwidth

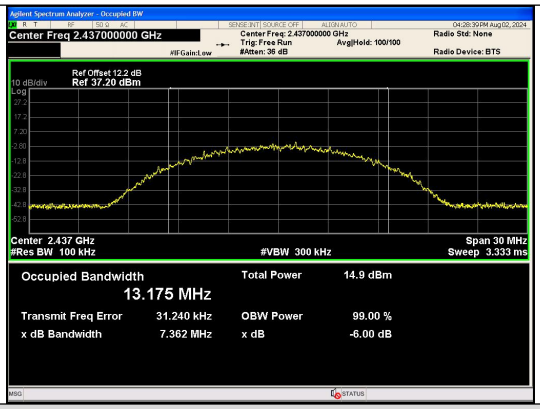
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	7.919	≥0.5	PASS
	6		2437	7.362		PASS
	11		2462	7.675		PASS
IEEE 802.11g	1		2412	16.10		PASS
	6		2437	16.04		PASS
	11		2462	15.75		PASS
IEEE 802.11n_20	1		2412	16.28		PASS
	6		2437	16.00		PASS
	11		2462	15.38		PASS
IEEE 802.11n_40	3		2422	35.35		PASS
	6		2437	35.08		PASS
	9		2452	35.12		PASS

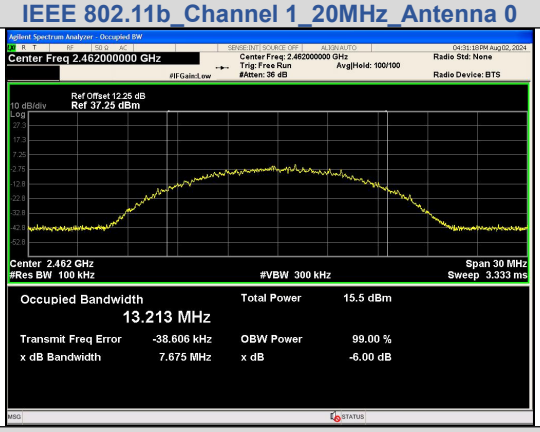
Test Graphs



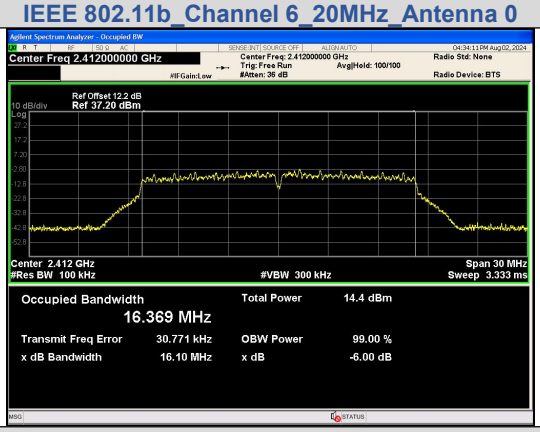
IEEE 802.11b_Channel 1_20MHz_Antenna 0



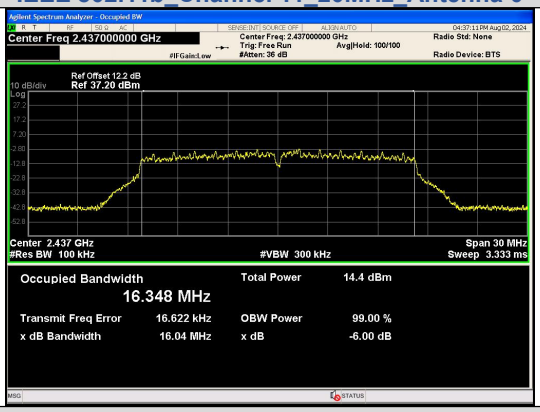
IEEE 802.11b_Channel 6_20MHz_Antenna 0



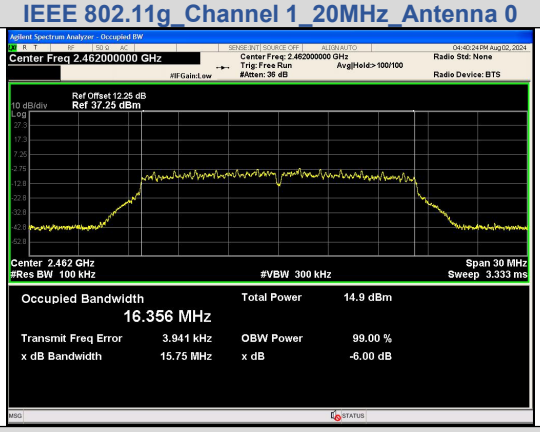
IEEE 802.11b_Channel 11_20MHz_Antenna 0



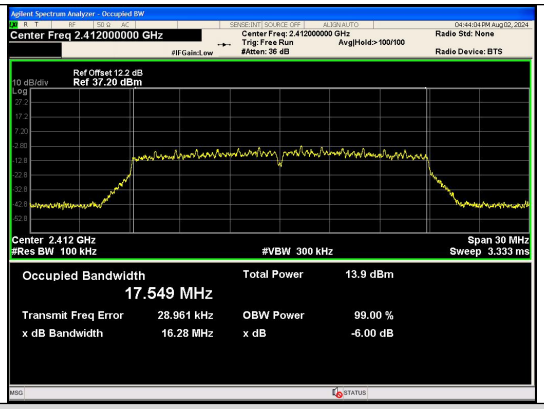
IEEE 802.11g_Channel 1_20MHz_Antenna 0



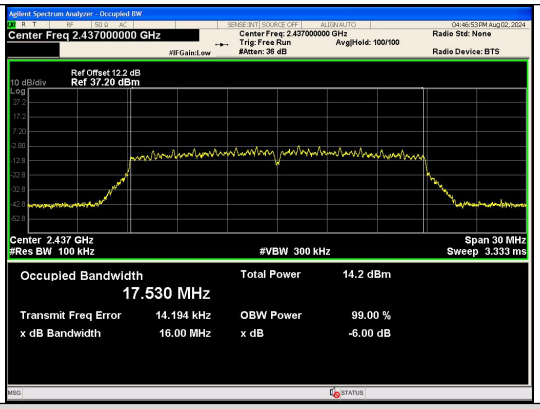
IEEE 802.11g_Channel 6_20MHz_Antenna 0



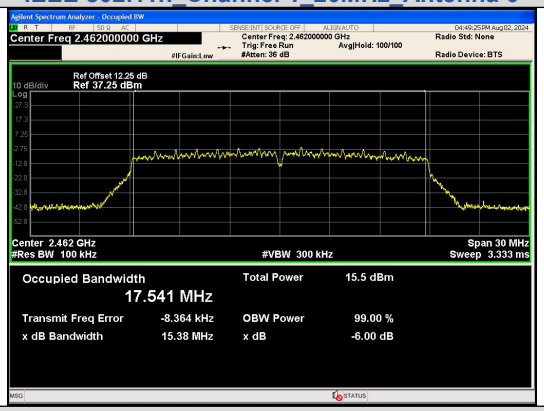
IEEE 802.11g_Channel 11_20MHz_Antenna 0



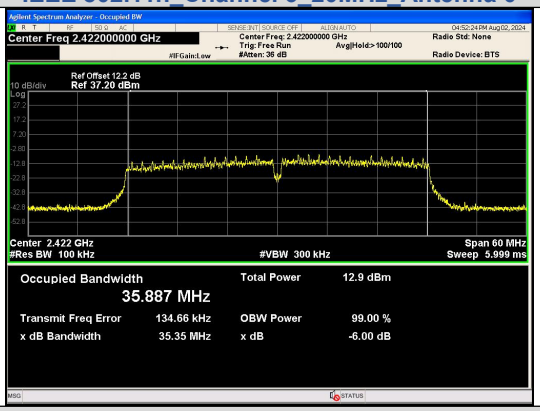
IEEE 802.11n_Channel 1_20MHz_Antenna 0



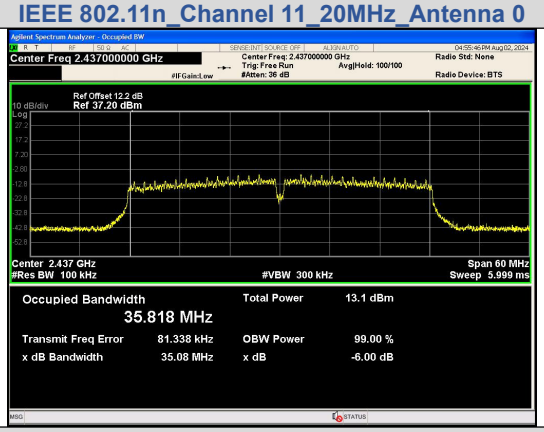
IEEE 802.11n_Channel 6_20MHz_Antenna 0



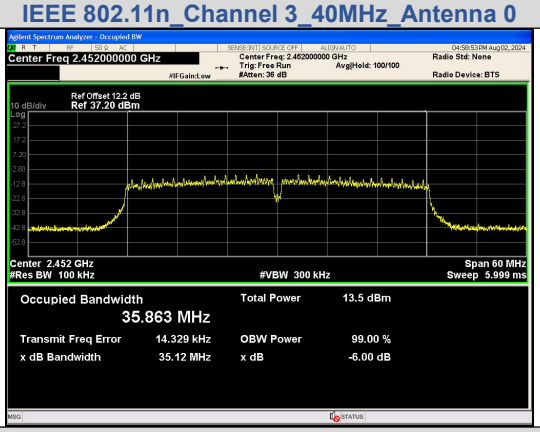
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



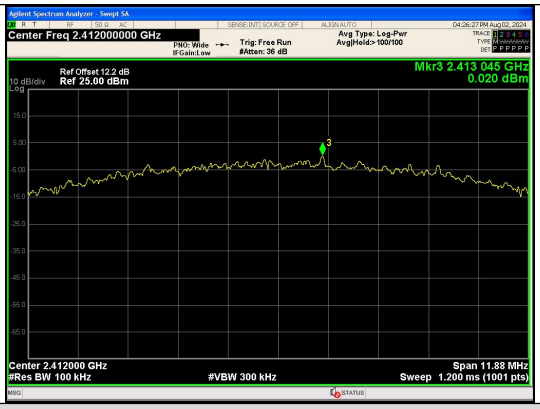
IEEE 802.11n_Channel 9_40MHz_Antenna 0

APPENDIX VI.Conducted Out Of Band Emission

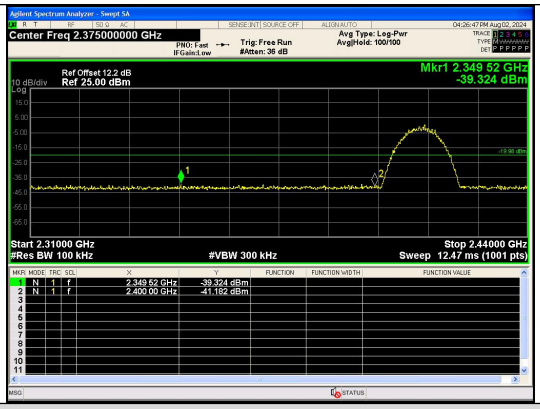
Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2349.52	-39.324	-19.98	-19.344	PASS
			2400.00	-41.182	-19.98	-21.202	PASS
			4818.70	-51.058	-19.98	-31.078	PASS
			7251.50	-50.521	-19.98	-30.541	PASS
			9660.50	-51.893	-19.98	-31.913	PASS
			24965.7	-35.498	-19.98	-15.518	PASS
	6		4872.43	-52.195	-19.79	-32.405	PASS
			7310.19	-51.363	-19.79	-31.573	PASS
			9749.82	-51.302	-19.79	-31.512	PASS
			24907.6	-35.623	-19.79	-15.833	PASS
	11		2483.50	-40.956	-19.26	-21.696	PASS
			4915.50	-52.103	-19.26	-32.843	PASS
			7375.73	-51.287	-19.26	-32.027	PASS
			9852.20	-51.999	-19.26	-32.739	PASS
			24974.4	-35.902	-19.26	-16.642	PASS
IEEE 802.11g	1		2400.00	-38.998	-22.61	-16.388	PASS
			4820.61	-52.432	-22.61	-29.822	PASS
			7225.29	-51.217	-22.61	-28.607	PASS
			9663.04	-50.879	-22.61	-28.269	PASS
			24918.2	-35.859	-22.61	-13.249	PASS
	6		4883.67	-51.986	-22.31	-29.676	PASS
			7294.58	-49.891	-22.31	-27.581	PASS
			9756.06	-51.932	-22.31	-29.622	PASS
			24931.3	-35.574	-22.31	-13.264	PASS
	11		2483.50	-42.005	-21.69	-20.315	PASS
			4909.26	-51.877	-21.69	-30.187	PASS
			7394.46	-51.758	-21.69	-30.068	PASS
			9844.08	-51.237	-21.69	-29.547	PASS
			24905.1	-34.801	-21.69	-13.111	PASS
IEEE 802.11n_20	1		2355.76	-39.488	-22.77	-16.718	PASS
			2400.00	-41.401	-22.77	-18.631	PASS
			4823.70	-51.838	-22.77	-29.068	PASS
			7240.90	-51.309	-22.77	-28.539	PASS
			9654.90	-51.676	-22.77	-28.906	PASS
			24922.6	-35.891	-22.77	-13.121	PASS
	6		4872.43	-51.924	-22.45	-29.474	PASS
			7305.82	-50.983	-22.45	-28.533	PASS
			9763.55	-51.174	-22.45	-28.724	PASS
			24911.4	-35.428	-22.45	-12.979	PASS
	11		2483.50	-41.959	-21.16	-20.799	PASS
			4934.85	-51.922	-21.16	-30.762	PASS
			7391.96	-50.762	-21.16	-29.602	PASS
			9846.58	-50.949	-21.16	-29.789	PASS
			24922.0	-35.178	-21.16	-14.018	PASS
IEEE 802.11n_40	3		2395.80	-39.615	-26.38	-13.235	PASS
			2400.00	-43.068	-26.38	-16.688	PASS
			4863.70	-51.810	-26.38	-25.430	PASS
			7249.00	-50.307	-26.38	-23.927	PASS
			9656.80	-51.347	-26.38	-24.967	PASS
			24912.0	-35.858	-26.38	-9.478	PASS
	6		4859.32	-51.480	-26.25	-25.230	PASS
			7292.71	-49.697	-26.25	-23.447	PASS
			9767.29	-50.408	-26.25	-24.158	PASS
			24978.8	-35.033	-26.25	-8.783	PASS
	9		2483.50	-39.585	-26.11	-13.475	PASS
			4879.30	-51.057	-26.11	-24.947	PASS
			7323.92	-50.367	-26.11	-24.257	PASS
			9797.88	-50.974	-26.11	-24.864	PASS
			24868.3	-36.415	-26.11	-10.305	PASS

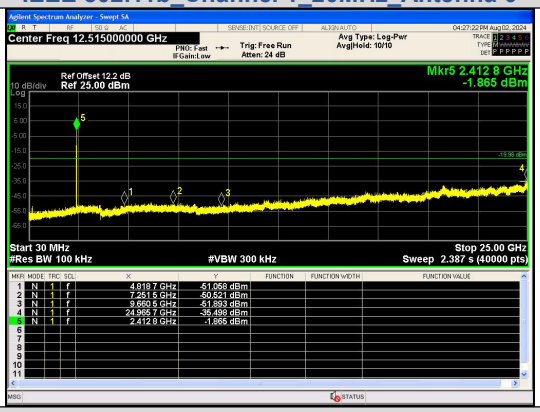
Test Graphs



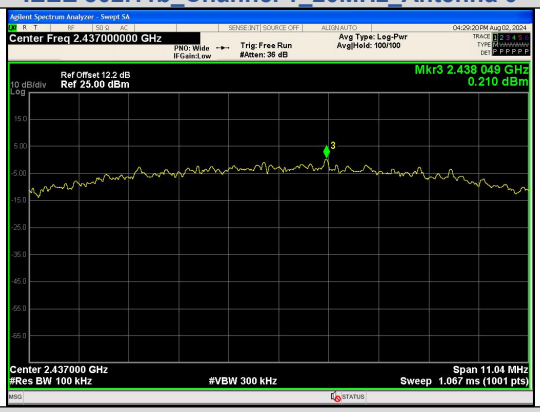
In-Band Reference Level
IEEE 802.11b_Channel 1_20MHz_Antenna 0



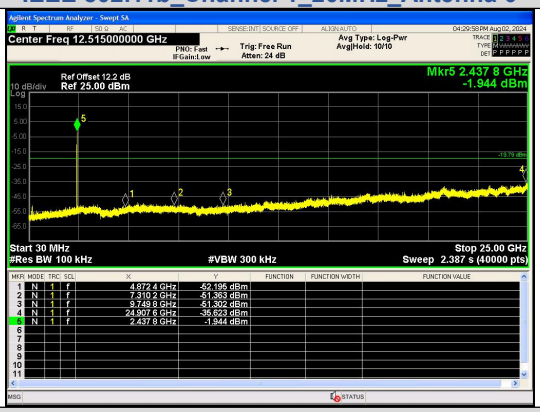
Out Of Band Emission
IEEE 802.11b_Channel 1_20MHz_Antenna 0



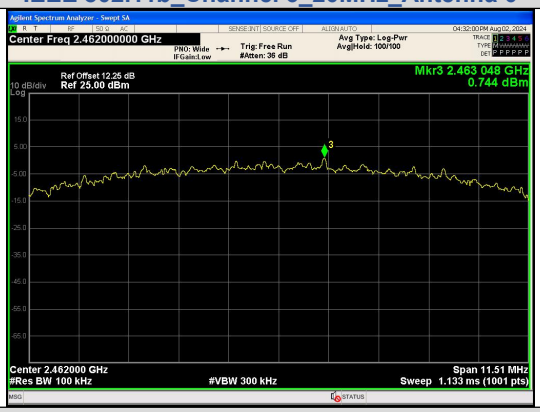
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 1_20MHz_Antenna 0



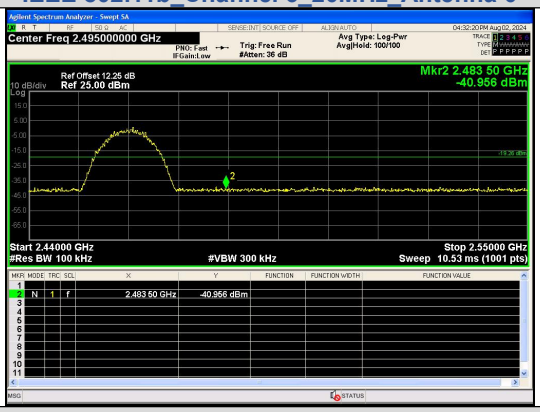
In-Band Reference Level
IEEE 802.11b_Channel 6_20MHz_Antenna 0



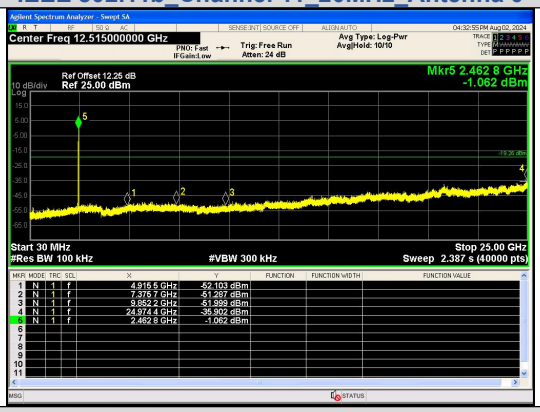
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 6_20MHz_Antenna 0



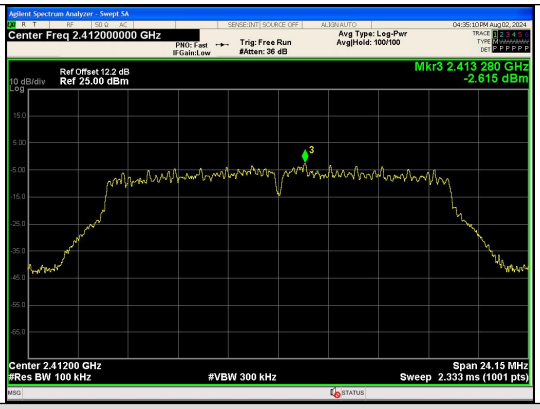
In-Band Reference Level
IEEE 802.11b_Channel 11_20MHz_Antenna 0



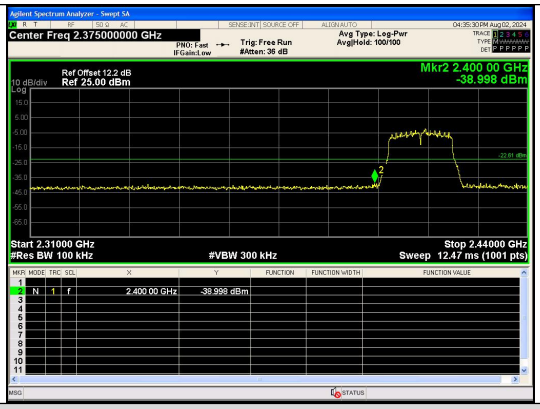
Out Of Band Emission
IEEE 802.11b_Channel 11_20MHz_Antenna 0



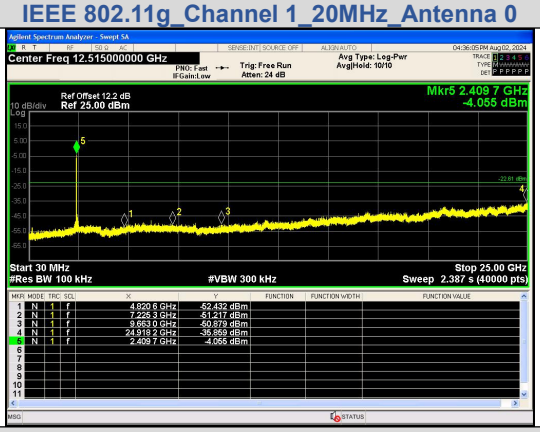
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 11_20MHz_Antenna 0



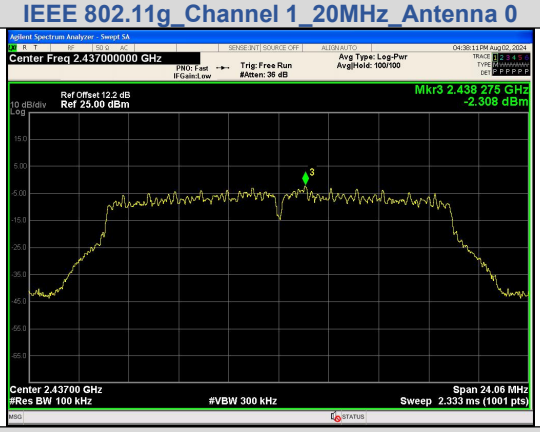
In-Band Reference Level
IEEE 802.11g_Channel 1_20MHz_Antenna 0



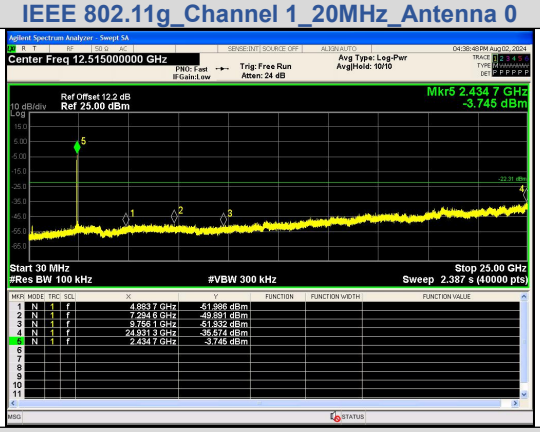
Out Of Band Emission
IEEE 802.11g_Channel 1_20MHz_Antenna 0



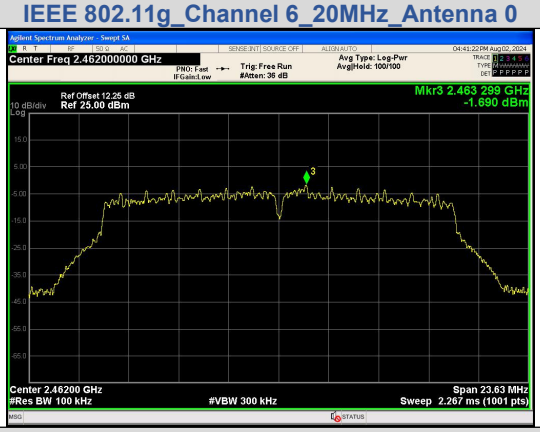
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 1_20MHz_Antenna 0



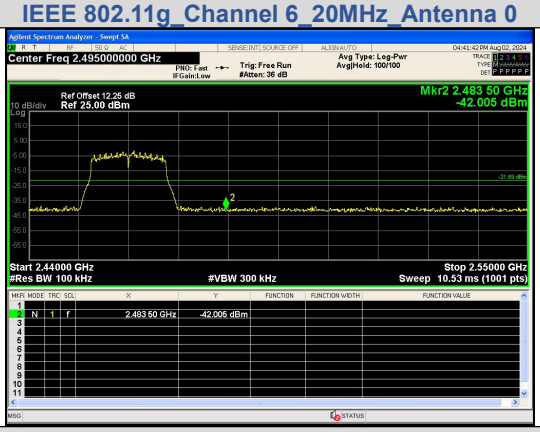
In-Band Reference Level
IEEE 802.11g_Channel 6_20MHz_Antenna 0



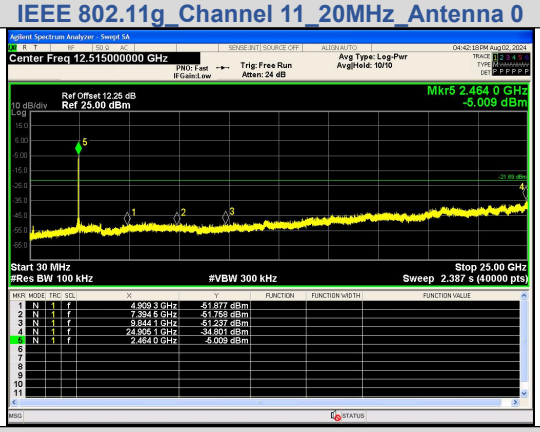
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 6_20MHz_Antenna 0



In-Band Reference Level
IEEE 802.11g_Channel 11_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11g_Channel 11_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 11_20MHz_Antenna 0