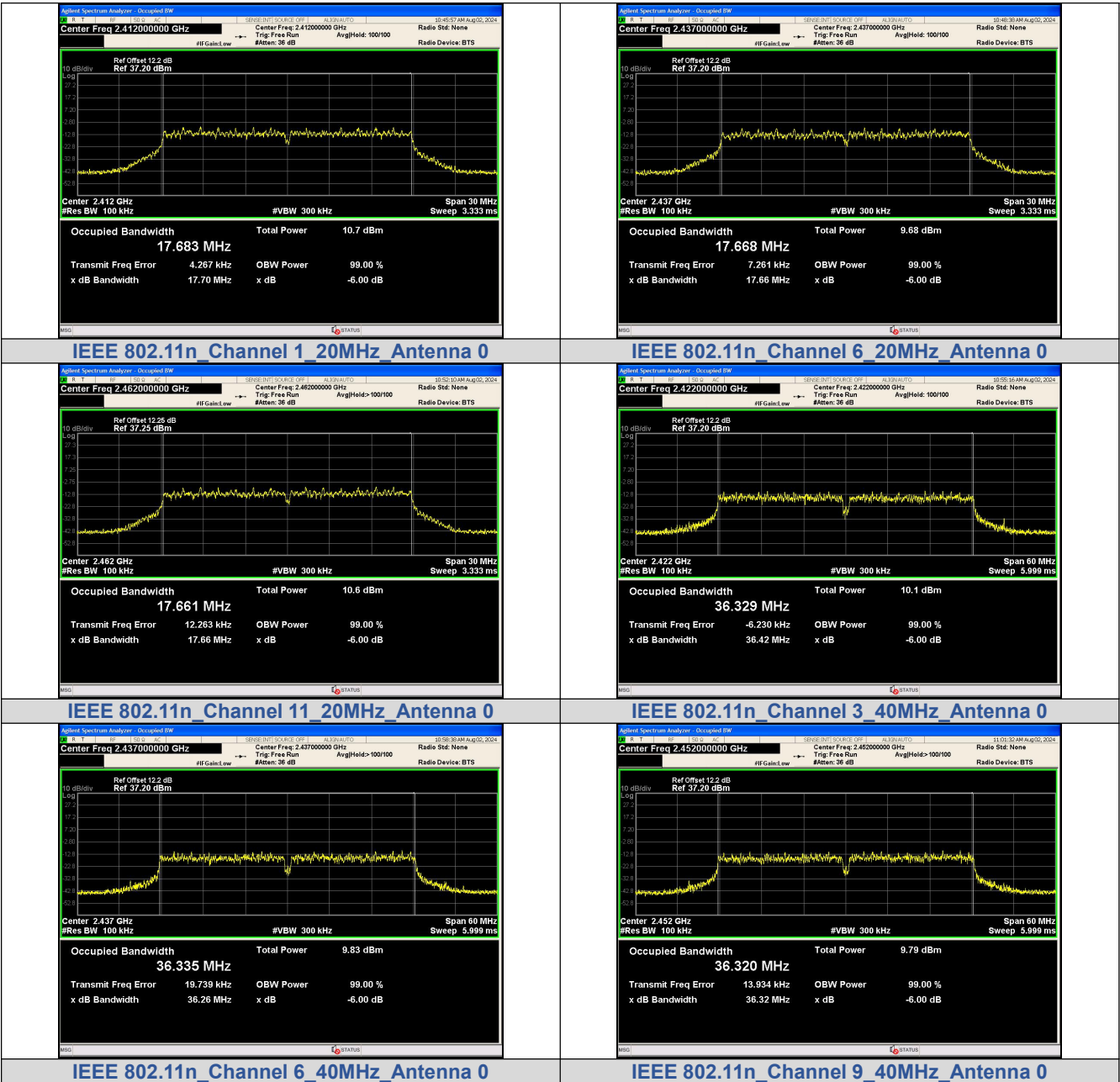
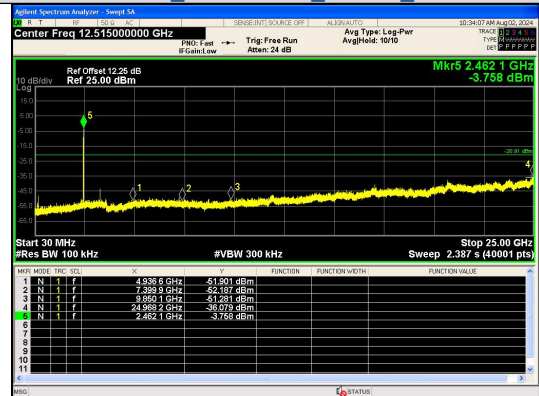
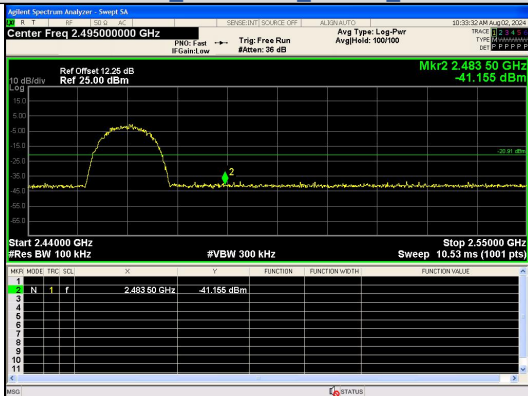
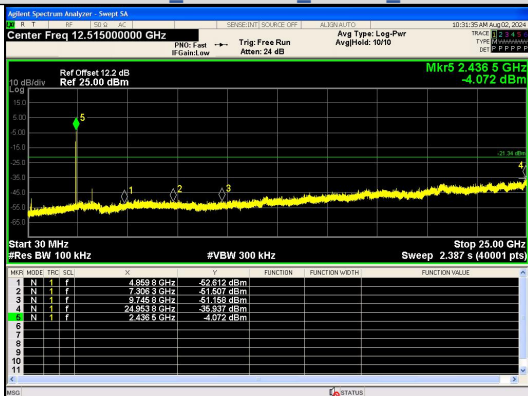
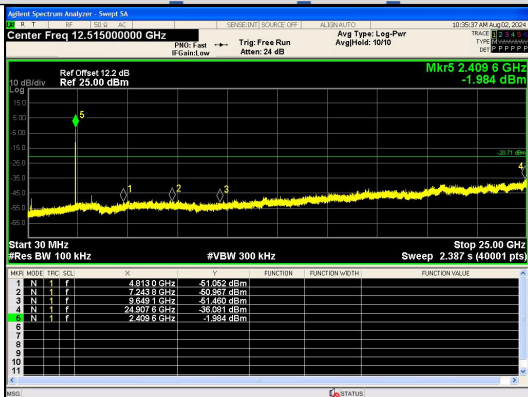
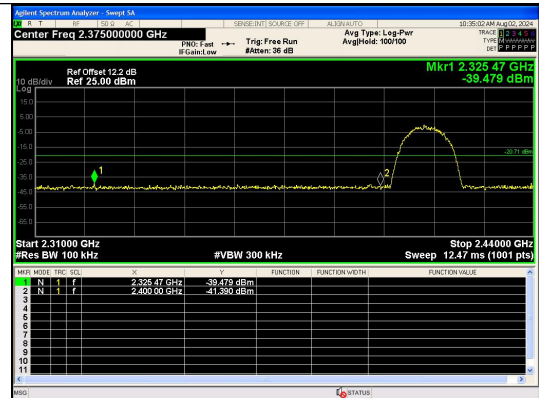
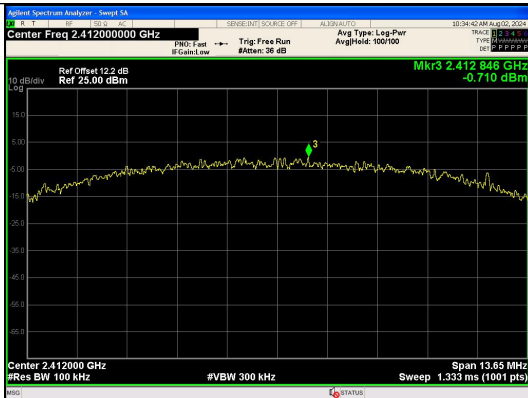


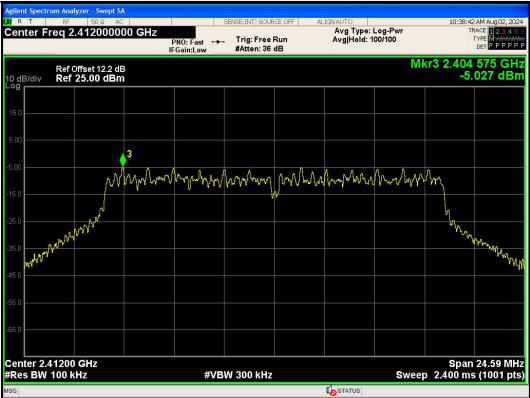


APPENDIX IV. Conducted Out Of Band Emission**Test Result**

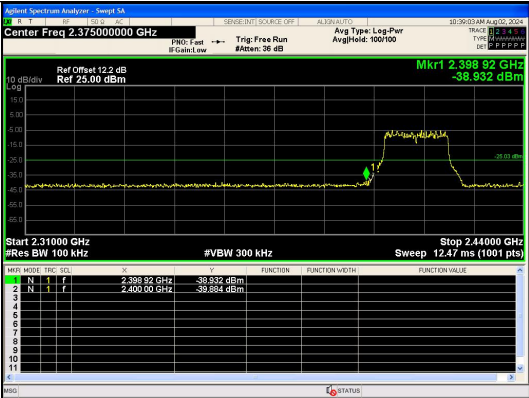
Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2325.47	-39.479	-20.71	-18.769	PASS
			2400.00	-41.390	-20.71	-20.680	PASS
			4813.00	-51.052	-20.71	-30.342	PASS
			7243.80	-50.967	-20.71	-30.257	PASS
			9649.10	-51.461	-20.71	-30.751	PASS
	6		24907.6	-36.081	-20.71	-15.371	PASS
			4859.82	-52.612	-21.34	-31.272	PASS
			7306.26	-51.507	-21.34	-30.167	PASS
			9745.83	-51.158	-21.34	-29.818	PASS
			24953.8	-35.937	-21.34	-14.597	PASS
	11		2483.50	-41.155	-20.91	-20.245	PASS
			4936.60	-51.901	-20.91	-30.991	PASS
			7399.90	-52.187	-20.91	-31.277	PASS
			9850.08	-51.282	-20.91	-30.372	PASS
			24968.2	-36.080	-20.91	-15.170	PASS
IEEE 802.11g	1		2398.92	-38.931	-25.03	-13.901	PASS
			2400.00	-39.884	-25.03	-14.854	PASS
			4828.00	-51.059	-25.03	-26.029	PASS
			7243.80	-50.810	-25.03	-25.780	PASS
			9656.60	-51.480	-25.03	-26.450	PASS
	6		24979.4	-34.535	-25.03	-9.505	PASS
			4874.80	-51.916	-26.13	-25.786	PASS
			7291.28	-50.623	-26.13	-24.493	PASS
			9758.94	-51.237	-26.13	-25.107	PASS
			24890.8	-35.711	-26.13	-9.581	PASS
	11		2483.50	-42.055	-25.96	-16.095	PASS
			4912.88	-51.681	-25.96	-25.721	PASS
			7391.16	-52.077	-25.96	-26.117	PASS
			9838.84	-51.881	-25.96	-25.921	PASS
			24945.7	-35.874	-25.96	-9.914	PASS
IEEE 802.11n_20	1		2400.00	-38.699	-26.31	-12.389	PASS
			4816.12	-53.058	-26.31	-26.748	PASS
			7219.49	-50.723	-26.31	-24.413	PASS
			9630.97	-51.789	-26.31	-25.479	PASS
			24893.9	-35.153	-26.31	-8.843	PASS
	6		4872.31	-52.097	-27.14	-24.957	PASS
			7321.86	-52.477	-27.14	-25.337	PASS
			9750.82	-50.132	-27.14	-22.992	PASS
			24901.4	-36.453	-27.14	-9.313	PASS
			2483.50	-41.489	-26.36	-15.129	PASS
	11		4930.36	-51.787	-26.36	-25.427	PASS
			7376.17	-51.057	-26.36	-24.697	PASS
			9862.56	-50.909	-26.36	-24.549	PASS
			24928.2	-35.062	-26.36	-8.702	PASS
			2400.00	-36.873	-29.69	-7.183	PASS
IEEE 802.11n_40	3		4843.59	-51.513	-29.69	-21.823	PASS
			7241.34	-50.762	-29.69	-21.072	PASS
			9719.61	-50.297	-29.69	-20.607	PASS
			24932.6	-35.937	-29.69	-6.247	PASS
			4906.02	-52.293	-29.78	-22.513	PASS
	6		7286.28	-50.732	-29.78	-20.952	PASS
			9764.55	-50.750	-29.78	-20.970	PASS
			24900.1	-36.186	-29.78	-6.406	PASS
			2483.50	-42.060	-29.69	-12.370	PASS
			4936.60	-52.300	-29.69	-22.610	PASS
	9		7368.06	-50.243	-29.69	-20.553	PASS
			9837.59	-50.857	-29.69	-21.167	PASS
			24913.2	-36.157	-29.69	-6.467	PASS

Test Graphs

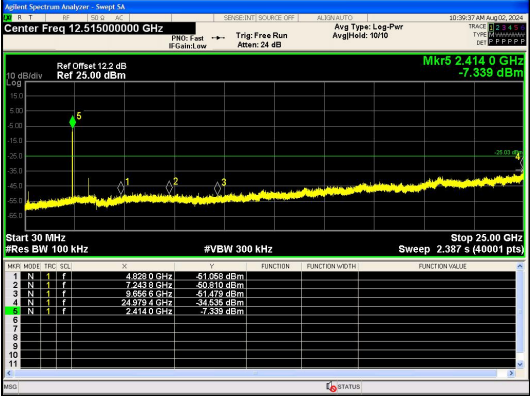




In-Band Reference Level
IEEE 802.11g Channel 1 20MHz Antenna 0



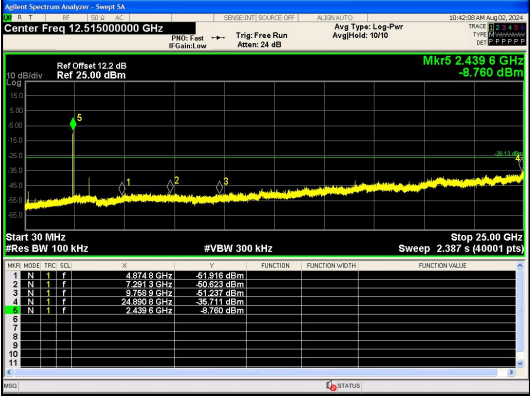
Out Of Band Emission
IEEE 802.11g Channel 1 20MHz Antenna 0



30.0 MHz - 25000.0 MHz
IEEE 802.11g Channel 1 20MHz Antenna 0



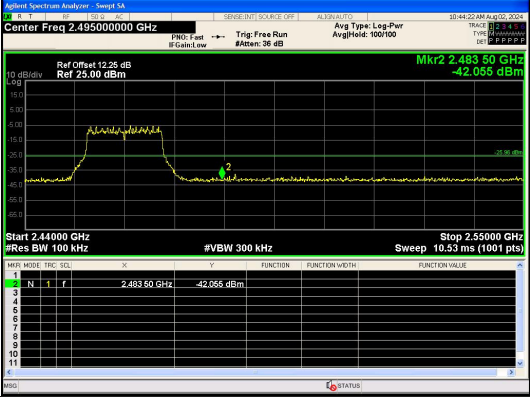
In-Band Reference Level
IEEE 802.11g Channel 6 20MHz Antenna 0



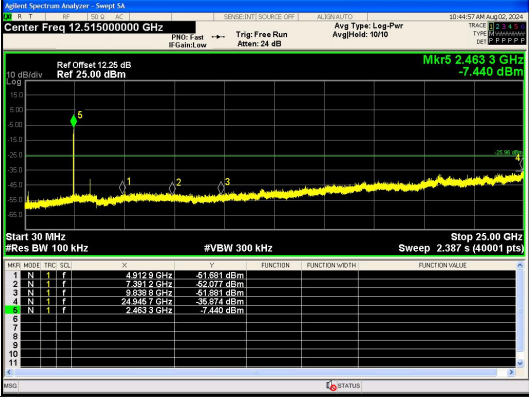
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IEEE 802.11g Channel 6 20MHz Antenna 0



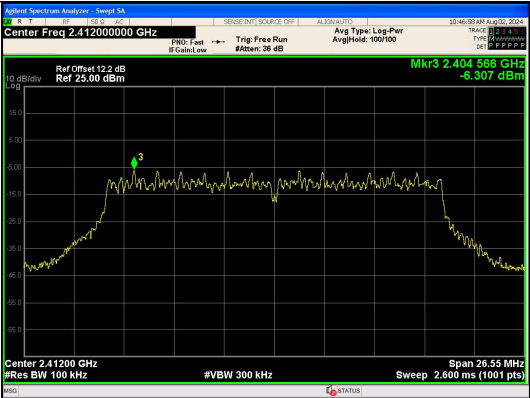
In-Band Reference Level
IEEE 802.11g Channel 11 20MHz Antenna 0



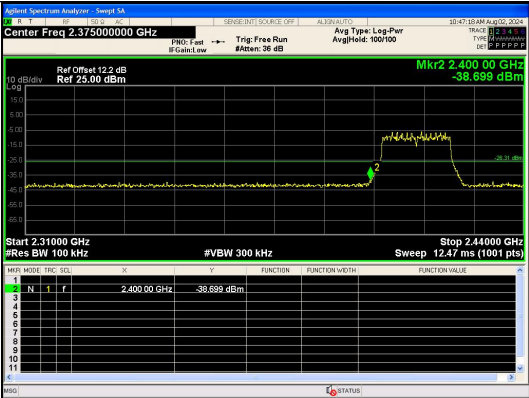
Out Of Band Emission
IEEE 802.11g Channel 11 20MHz Antenna 0



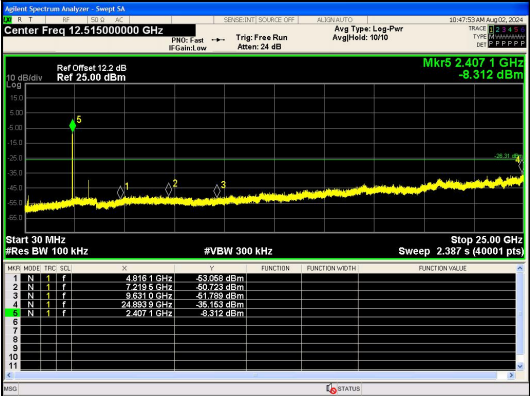
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IEEE 802.11g Channel 11 20MHz Antenna 0



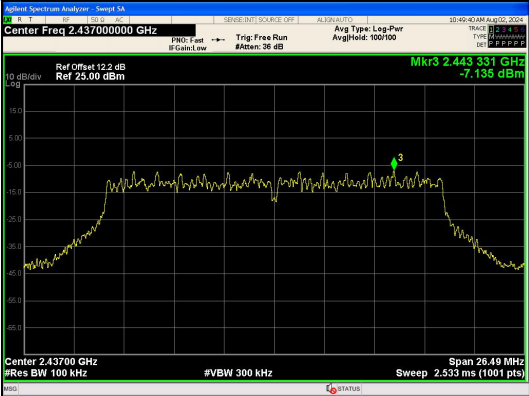
In-Band Reference Level
IEEE 802.11n Channel 1 20MHz Antenna 0



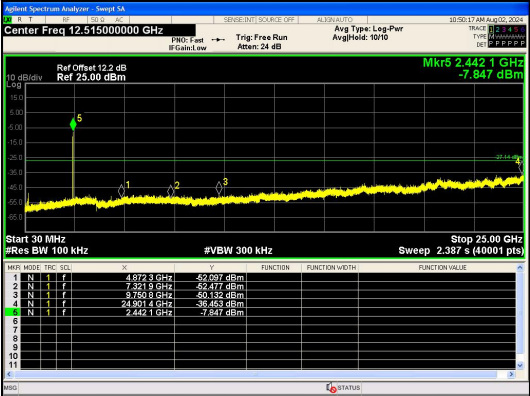
Out Of Band Emission
IEEE 802.11n Channel 1 20MHz Antenna 0



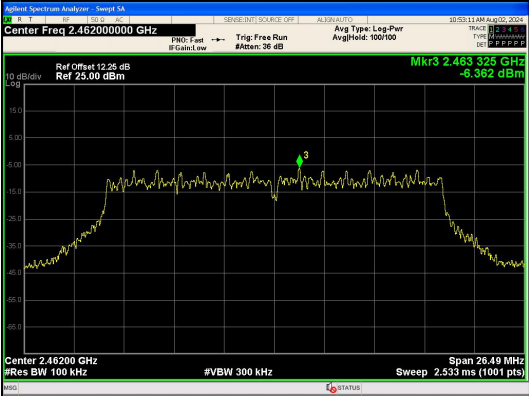
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 1 20MHz Antenna 0



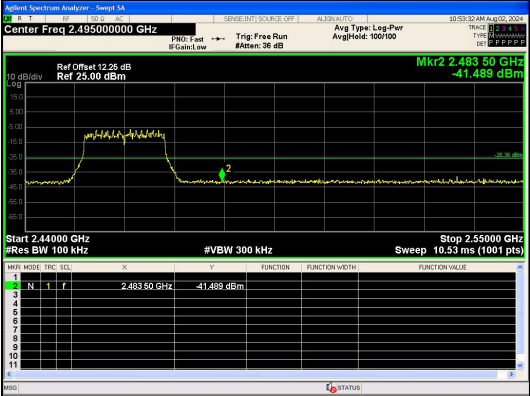
In-Band Reference Level
IEEE 802.11n Channel 6 20MHz Antenna 0



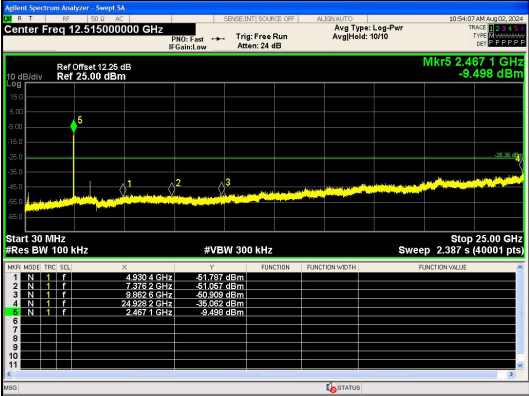
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IEEE 802.11n Channel 6 20MHz Antenna 0



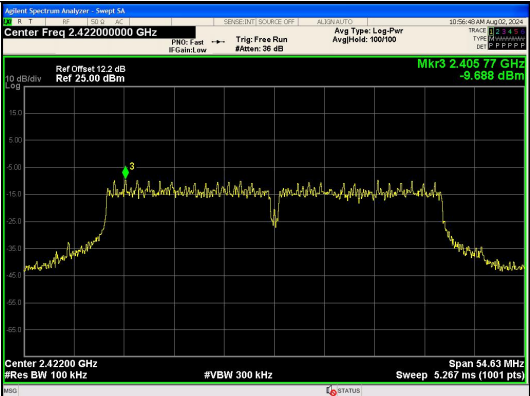
In-Band Reference Level
IEEE 802.11n Channel 11 20MHz Antenna 0



Out Of Band Emission
IEEE 802.11n Channel 11 20MHz Antenna 0



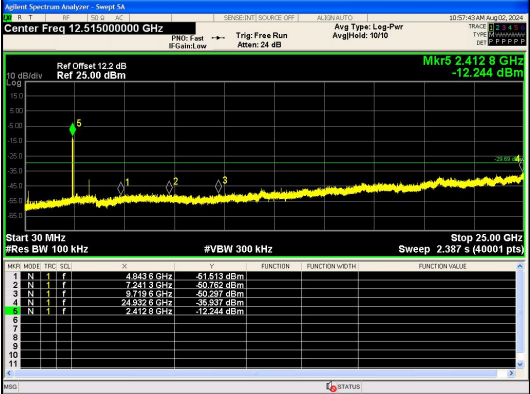
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 11 20MHz Antenna 0



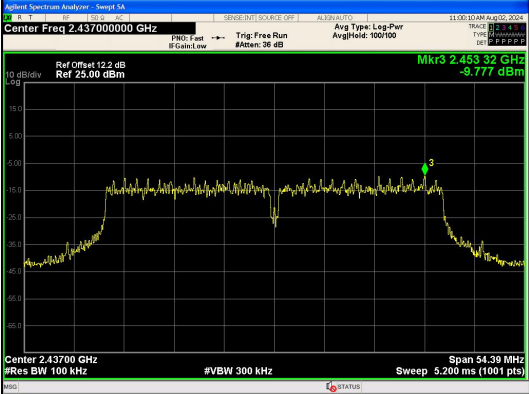
In-Band Reference Level
IEEE 802.11n Channel 3 40MHz Antenna 0



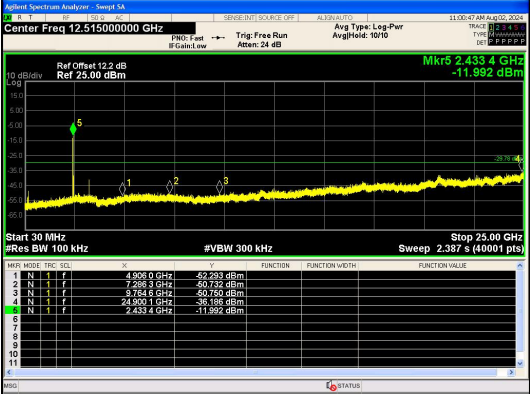
Out Of Band Emission
IEEE 802.11n Channel 3 40MHz Antenna 0



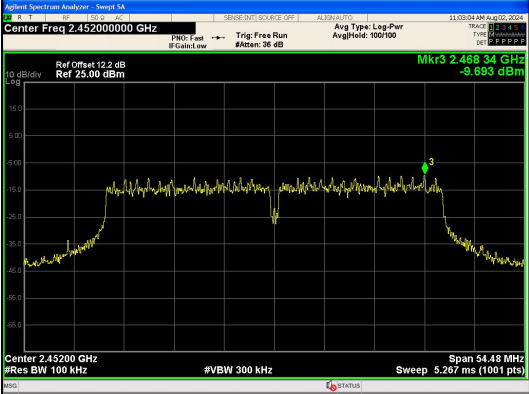
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IEEE 802.11n Channel 3 40MHz Antenna 0



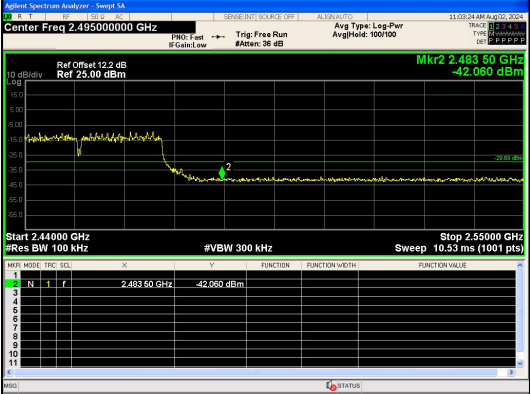
In-Band Reference Level
IEEE 802.11n Channel 6 40MHz Antenna 0



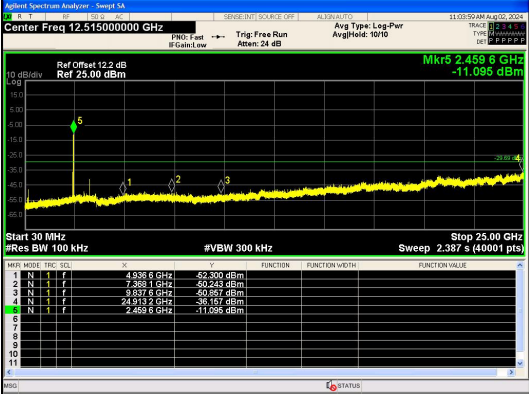
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 6 40MHz Antenna 0



In-Band Reference Level
IEEE 802.11n Channel 9 40MHz Antenna 0



Out Of Band Emission
IEEE 802.11n Channel 9 40MHz Antenna 0



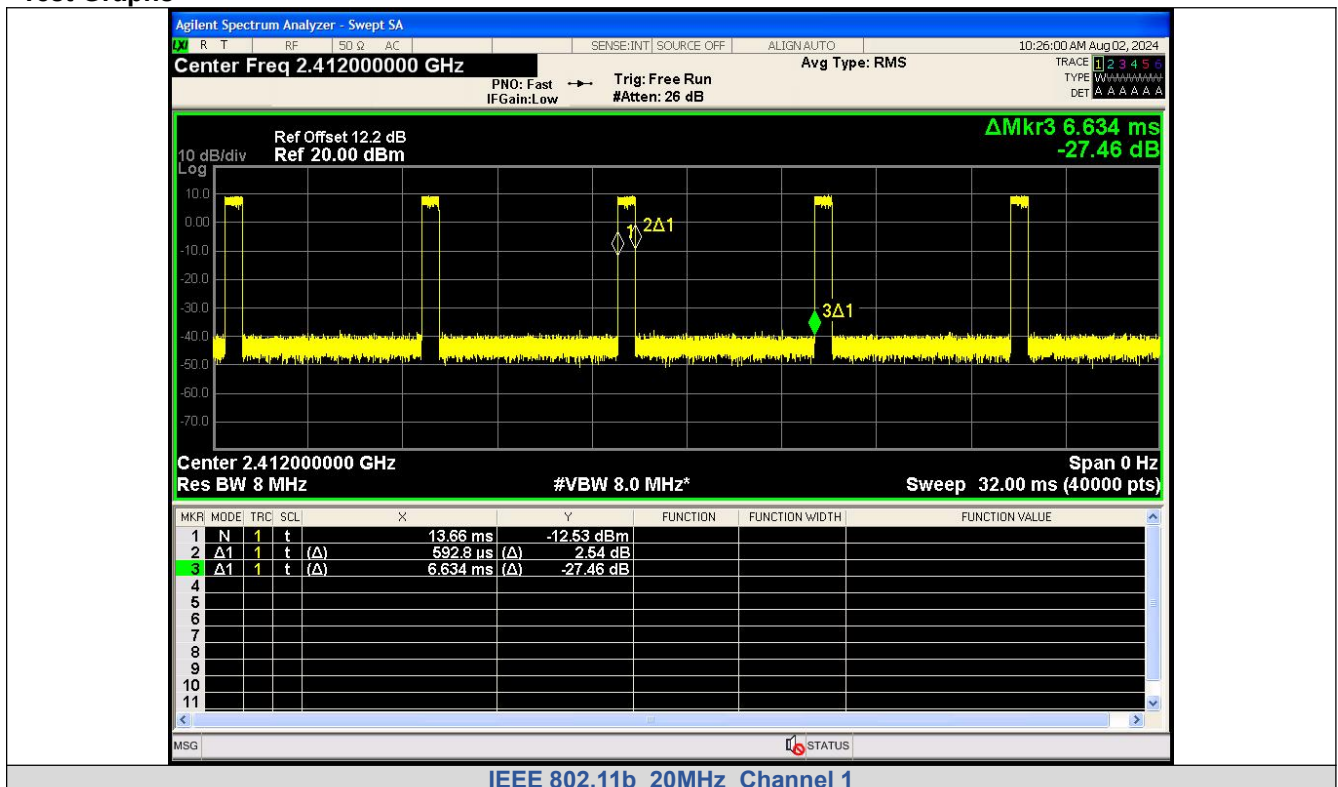
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 9 40MHz Antenna 0

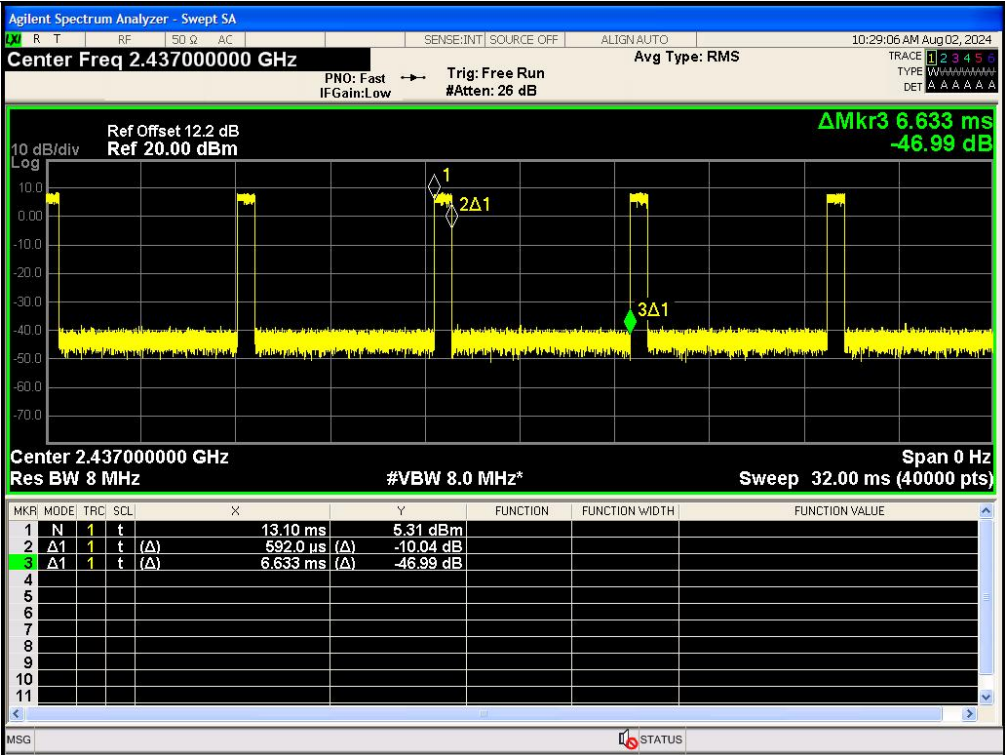
APPENDIX V. Duty Cycle

Test Result

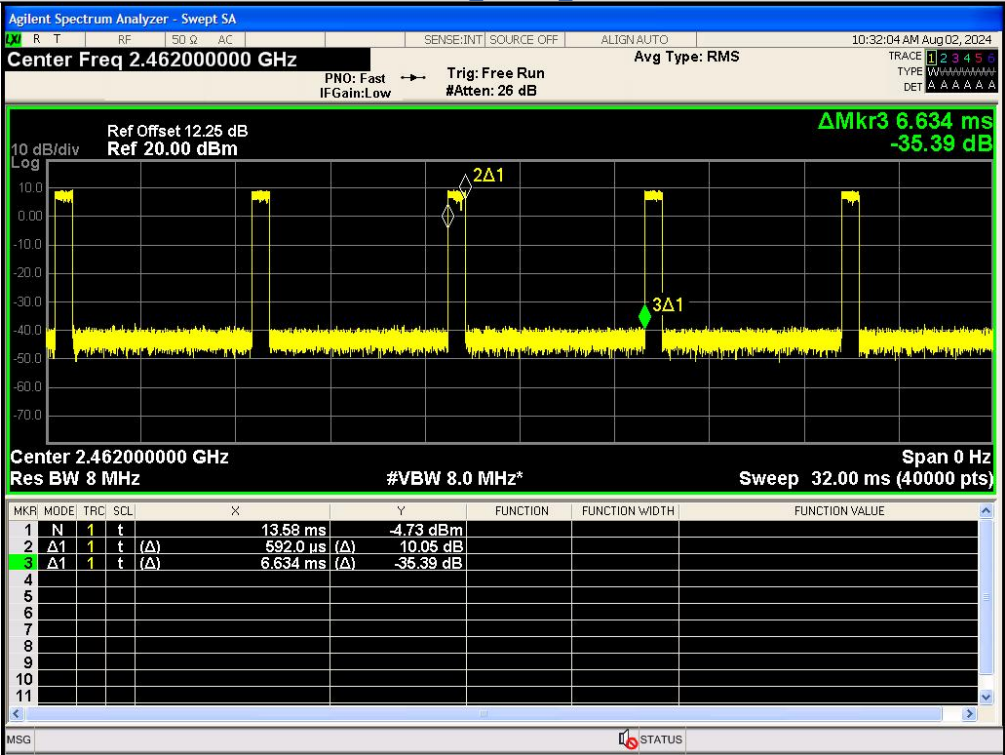
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11b	11	1	1	0.593	6.634	8.94	0.0894	10.4866
		6		0.592	6.633	8.93	0.0893	10.4915
		11		0.592	6.634	8.92	0.0892	10.4964
IEEE 802.11g	54	1		0.189	2.228	8.48	0.0848	10.716
		6		0.192	2.229	8.60	0.0860	10.655
		11		0.189	2.228	8.48	0.0848	10.716
IEEE 802.11n_20	MCS 7	1		0.205	2.245	9.13	0.0913	10.3953
		6		0.206	2.245	9.18	0.0918	10.3716
		11		0.206	2.245	9.18	0.0918	10.3716
IEEE 802.11n_40		3		0.206	2.244	9.18	0.0918	10.3716
		6		0.205	2.245	9.13	0.0913	10.3953
		9		0.205	2.244	9.14	0.0914	10.3905

Test Graphs





IEEE 802.11b_20MHz_Channel 6



IEEE 802.11b_20MHz_Channel 11