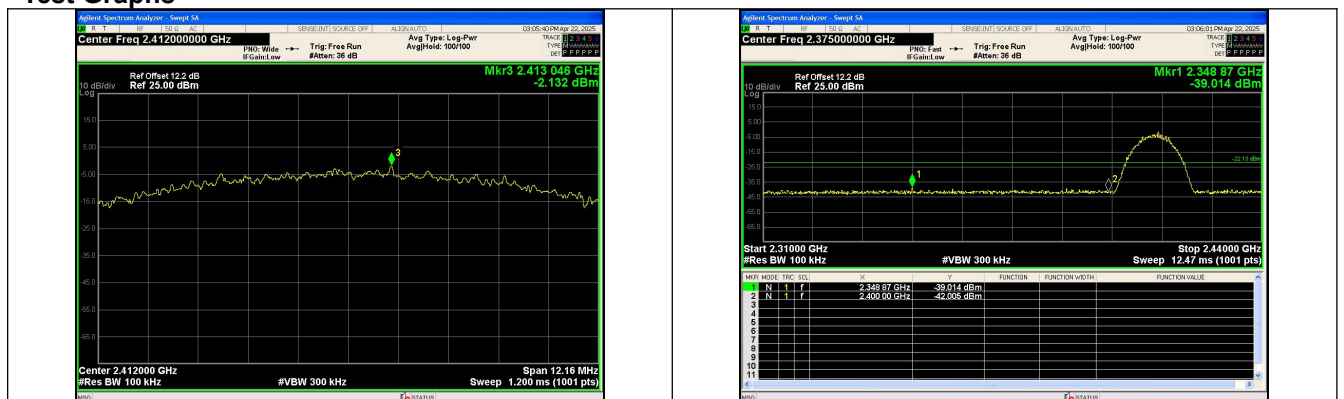


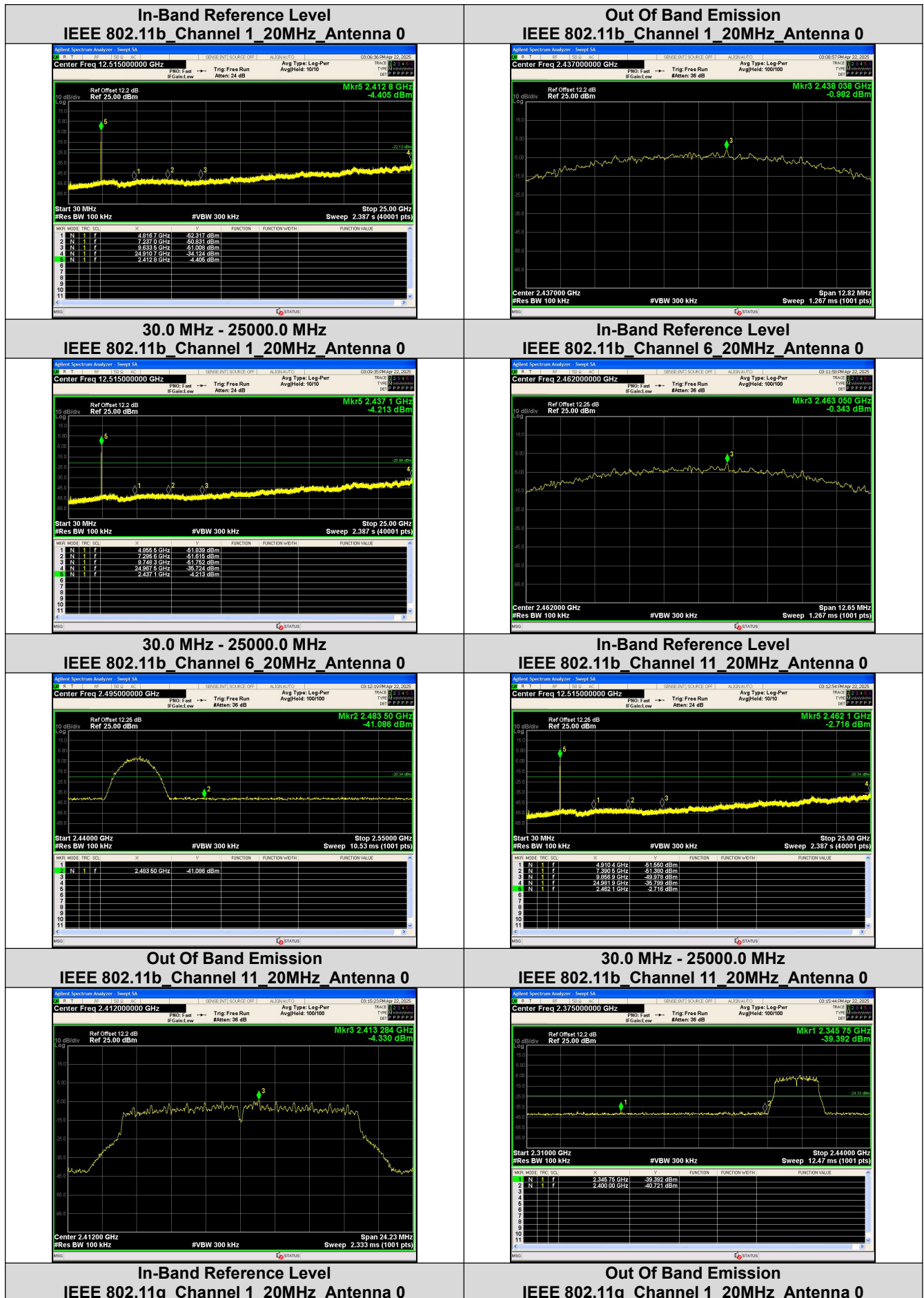
APPENDIX IV. Conducted Out Of Band Emission

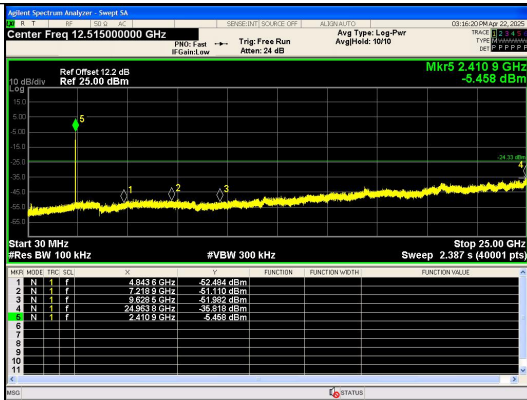
Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2348.87	-39.014	-22.13	-16.884	PASS
			2400.00	-42.005	-22.13	-19.875	PASS
			4816.70	-52.317	-22.13	-30.187	PASS
			7237.00	-50.831	-22.13	-28.701	PASS
			9633.50	-51.008	-22.13	-28.878	PASS
	6		24910.7	-34.124	-22.13	-11.994	PASS
			4855.45	-51.839	-20.98	-30.859	PASS
			7295.65	-51.615	-20.98	-30.635	PASS
			9748.32	-51.752	-20.98	-30.772	PASS
			24967.5	-35.724	-20.98	-14.744	PASS
	11		2483.50	-41.086	-20.34	-20.746	PASS
			4910.39	-51.550	-20.34	-31.210	PASS
			7390.53	-51.380	-20.34	-31.040	PASS
			9856.94	-49.978	-20.34	-29.638	PASS
			24981.9	-35.799	-20.34	-15.459	PASS
IEEE 802.11g	1		2345.75	-39.392	-24.33	-15.062	PASS
			2400.00	-40.721	-24.33	-16.391	PASS
			4843.60	-52.484	-24.33	-28.154	PASS
			7218.90	-51.110	-24.33	-26.780	PASS
			9628.50	-51.982	-24.33	-27.652	PASS
	6		24963.8	-35.818	-24.33	-11.488	PASS
			4862.94	-51.986	-25.36	-26.626	PASS
			7296.89	-50.893	-25.36	-25.533	PASS
			9766.43	-51.155	-25.36	-25.795	PASS
			24971.9	-35.998	-25.36	-10.638	PASS
	11		2483.50	-40.978	-24.46	-16.518	PASS
			4932.24	-51.709	-24.46	-27.249	PASS
			7370.56	-51.525	-24.46	-27.065	PASS
			9855.69	-52.151	-24.46	-27.691	PASS
			24938.2	-35.368	-24.46	-10.908	PASS
IEEE 802.11n_20	1		2383.97	-39.167	-25.35	-13.817	PASS
			2400.00	-40.575	-25.35	-15.225	PASS
			4818.00	-52.605	-25.35	-27.255	PASS
			7228.20	-49.995	-25.35	-24.645	PASS
			9659.70	-52.342	-25.35	-26.992	PASS
	6		24952.6	-35.778	-25.35	-10.428	PASS
			4871.06	-50.406	-25.02	-25.386	PASS
			7310.00	-50.321	-25.02	-25.301	PASS
			9765.80	-50.815	-25.02	-25.795	PASS
			24980.0	-35.629	-25.02	-10.609	PASS
	11		2483.50	-41.193	-24.48	-16.713	PASS
			4918.50	-51.121	-24.48	-26.641	PASS
			7403.64	-51.937	-24.48	-27.457	PASS
			9858.19	-51.233	-24.48	-26.753	PASS
			24902.0	-36.033	-24.48	-11.553	PASS

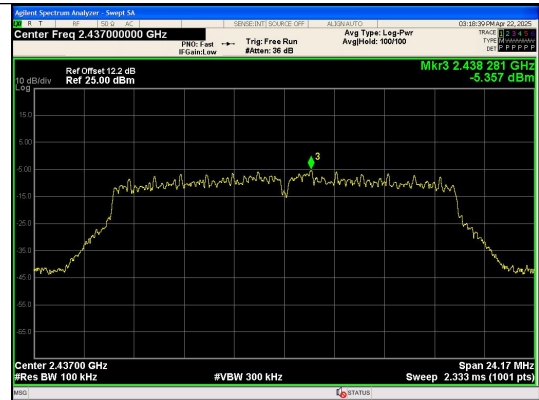
Test Graphs



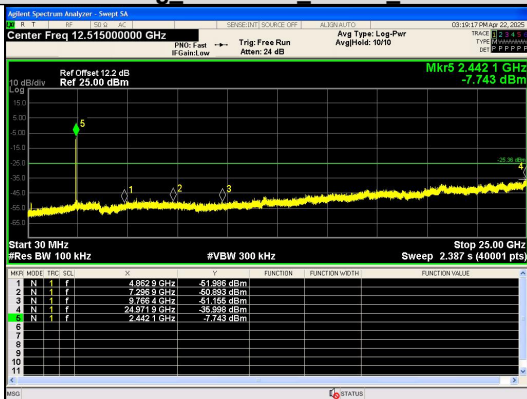




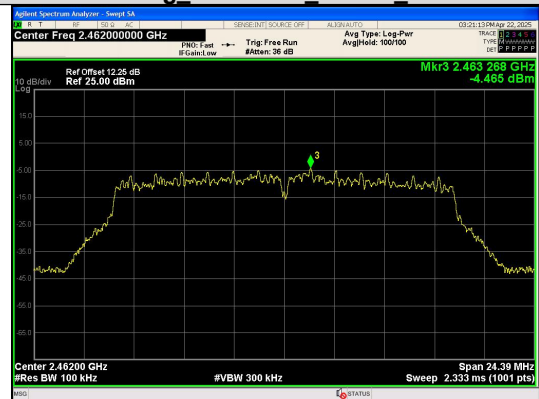
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 1_20MHz_Antenna 0



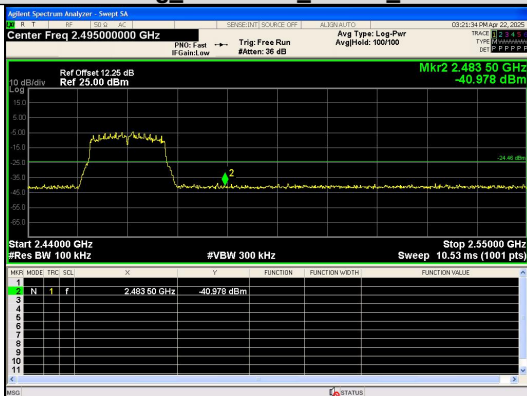
In-Band Reference Level
IEEE 802.11g_Channel 6_20MHz_Antenna 0



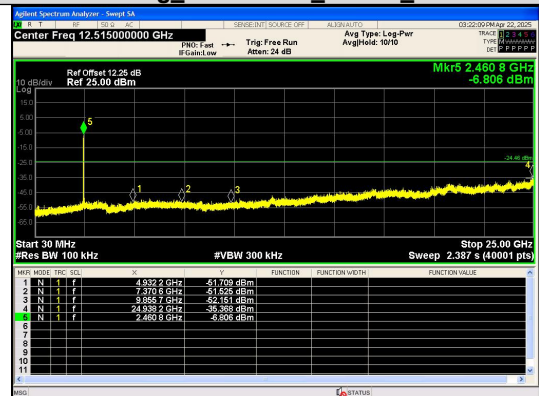
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 6_20MHz_Antenna 0



In-Band Reference Level
IEEE 802.11g_Channel 11_20MHz_Antenna 0



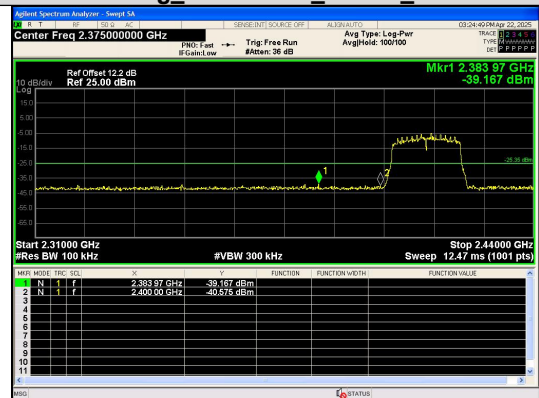
Out Of Band Emission
IEEE 802.11g_Channel 11_20MHz_Antenna 0



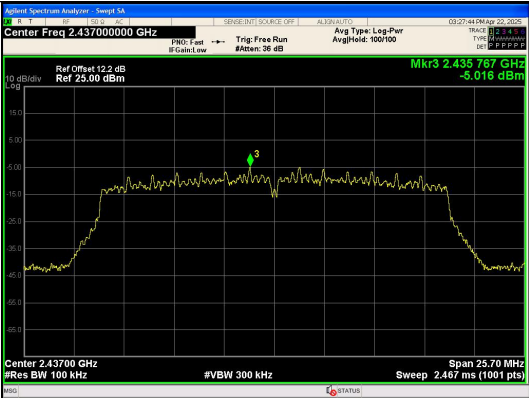
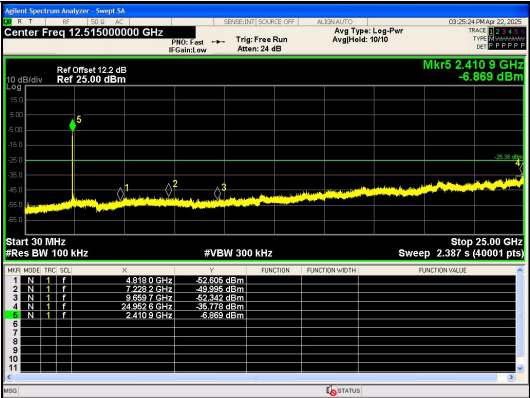
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 11_20MHz_Antenna 0



In-Band Reference Level
IEEE 802.11n_Channel 1_20MHz_Antenna 0

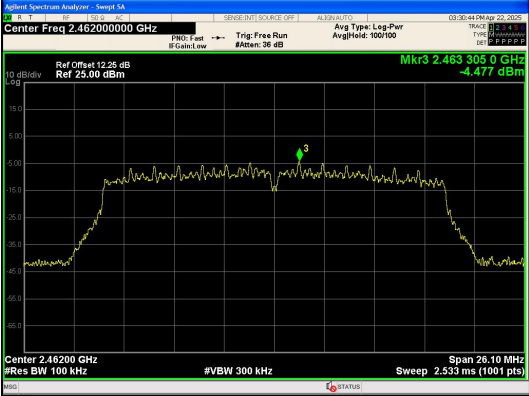
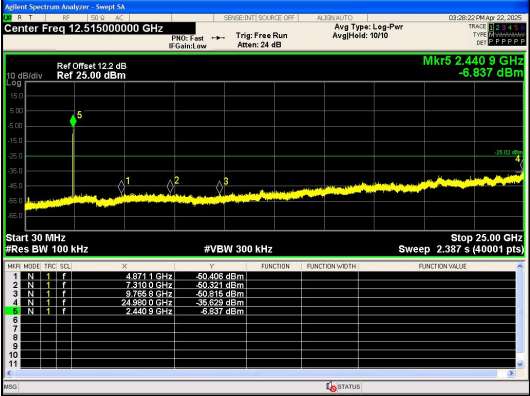


Out Of Band Emission
IEEE 802.11n_Channel 1_20MHz_Antenna 0



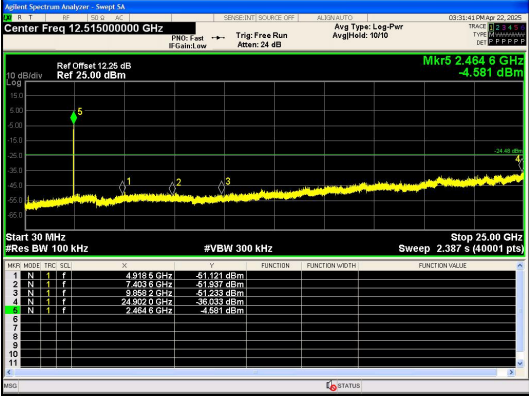
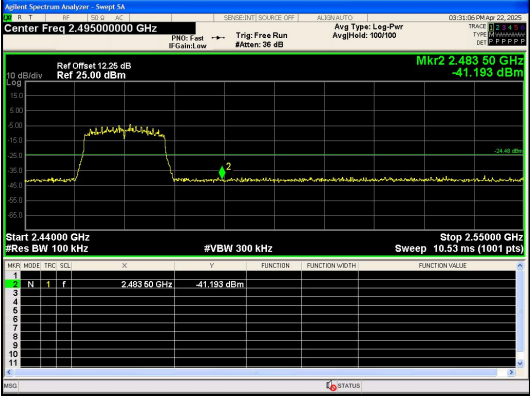
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 1 20MHz Antenna 0

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



30.0 MHz - 25000.0 MHz
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

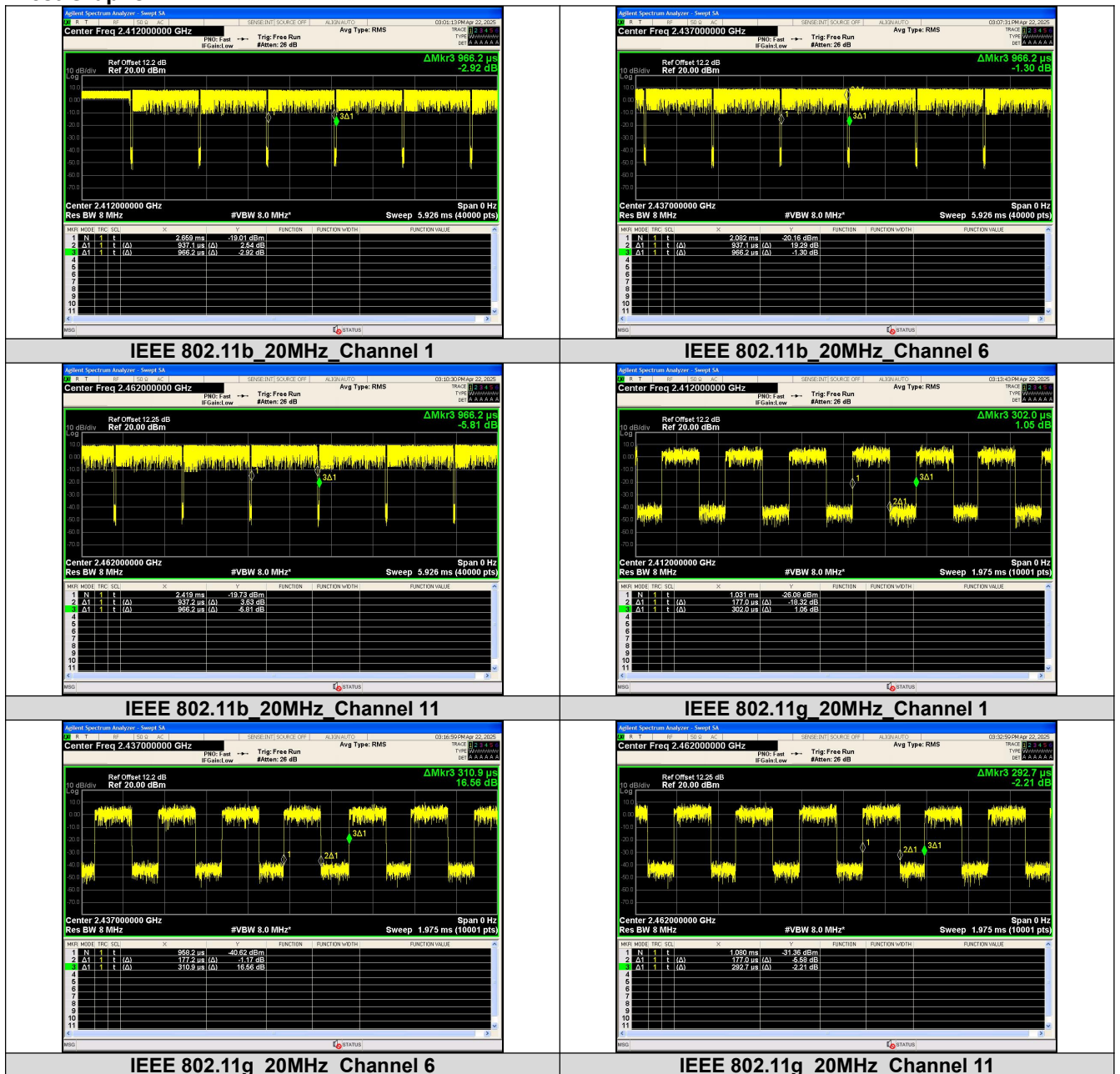
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 11 20MHz Antenna 0

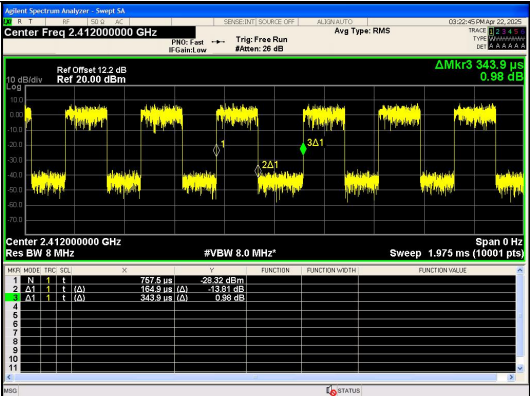
APPENDIX V. Duty Cycle

Test Result

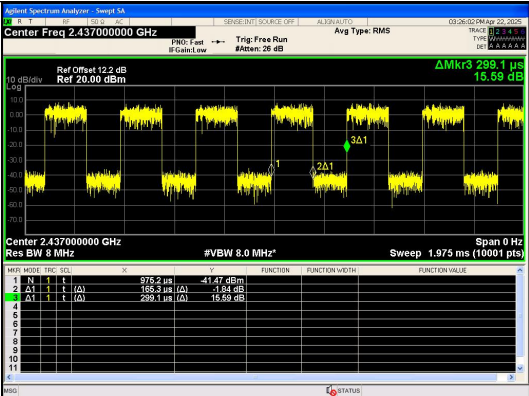
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11b	11	1	1	0.937	0.966	96.98	0.9698	0.1332	1.0672
		6		0.937	0.966	96.98	0.9698	0.1332	1.0672
		11		0.937	0.966	96.99	0.9699	0.1327	1.0672
IEEE 802.11g	54	1		0.177	0.302	58.60	0.5860	2.321	5.6497
		6		0.177	0.311	56.99	0.5699	2.442	5.6497
		11		0.177	0.293	60.46	0.6046	2.1853	5.6497
IEEE 802.11n_20	MCS 7	1		0.165	0.344	47.96	0.4796	3.1912	6.0606
		6		0.165	0.299	55.28	0.5528	2.5743	6.0606
		11		0.165	0.299	55.25	0.5525	2.5767	6.0606

Test Graphs

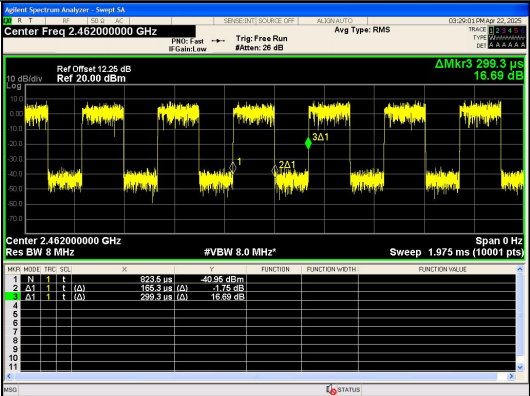




IEEE 802.11n_20MHz_Channel 1



IEEE 802.11n_20MHz_Channel 6

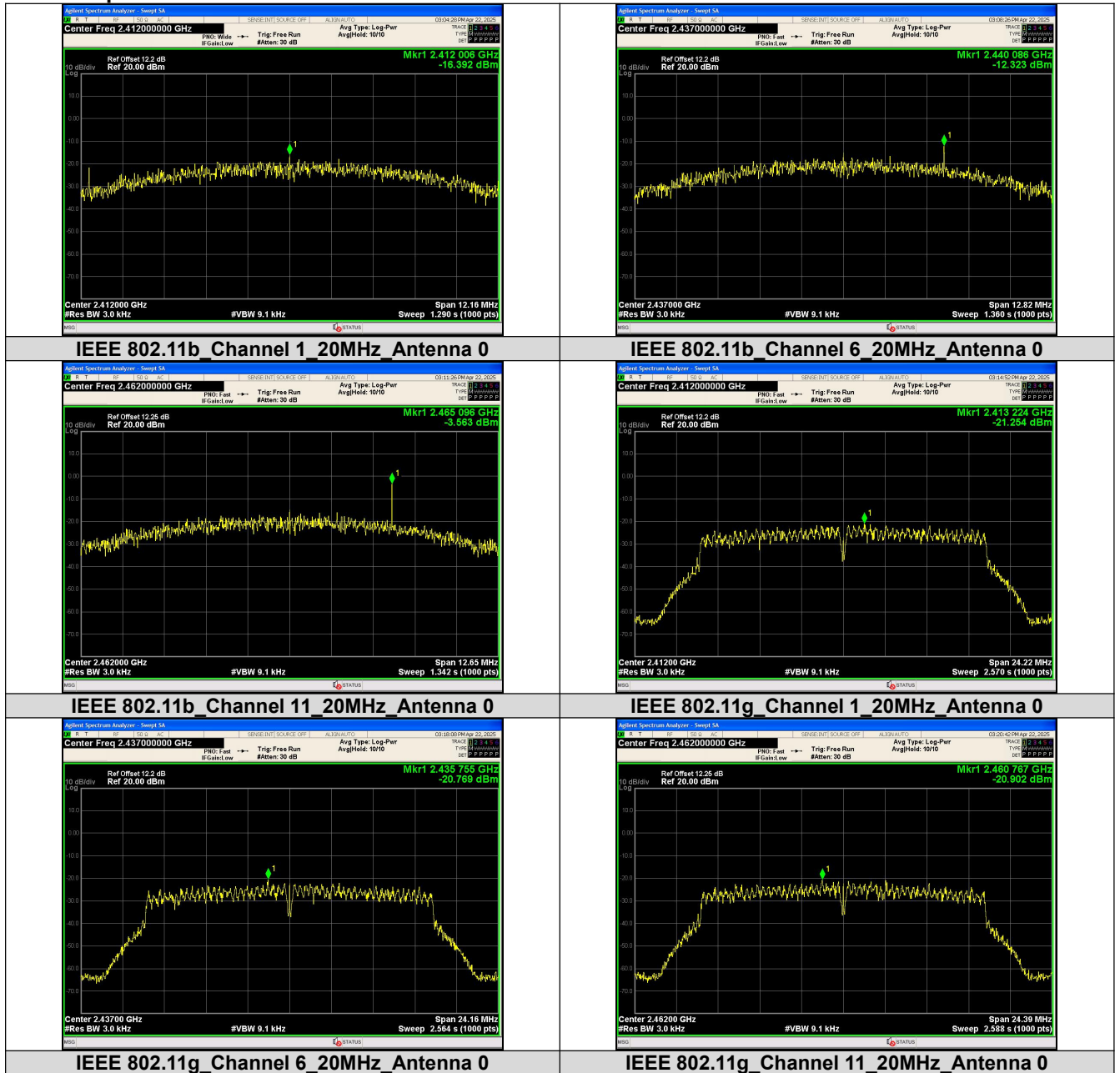


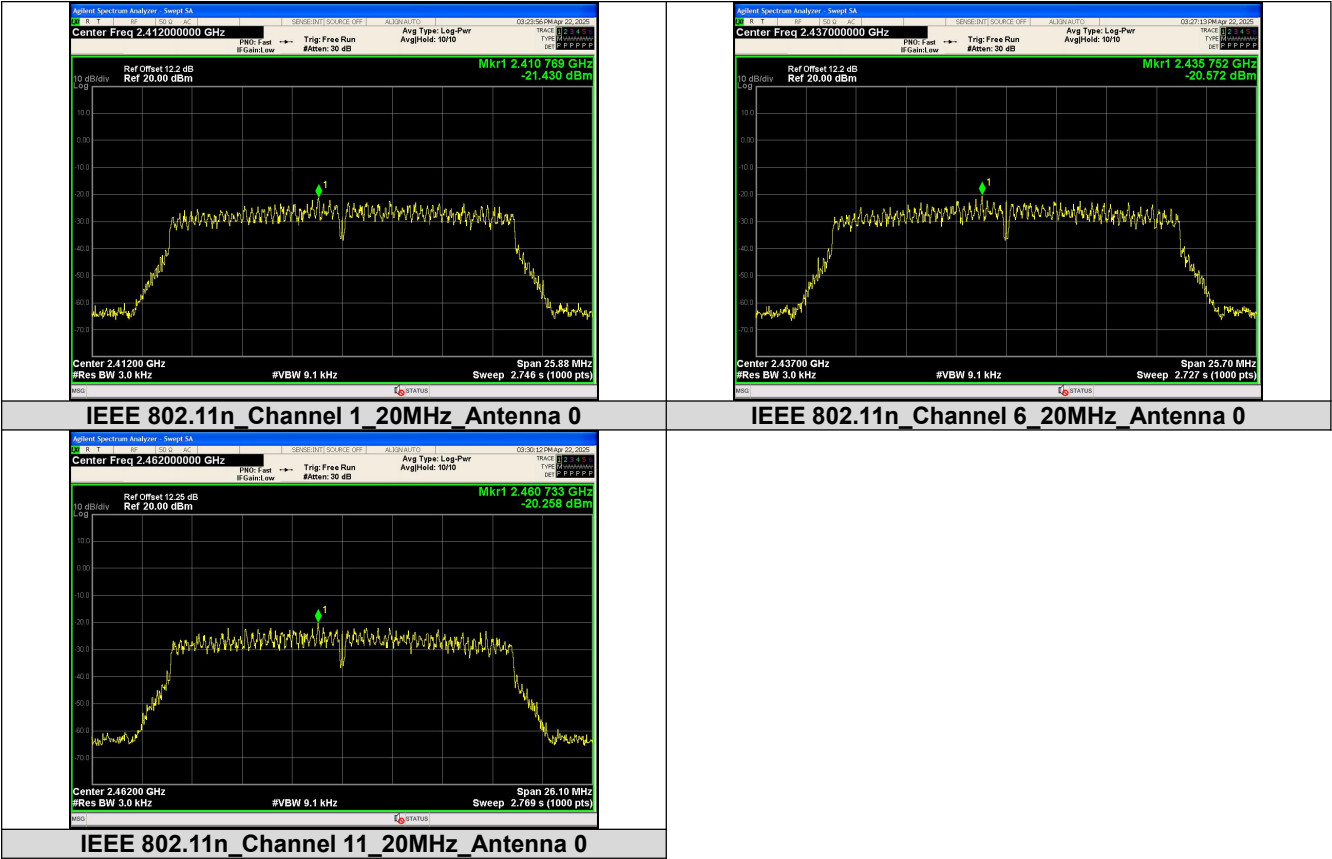
IEEE 802.11n_20MHz_Channel 11

APPENDIX VI. Power Spectral Density Test Result

Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-16.392	≤8	PASS
	6	-12.323		PASS
	11	-3.563		PASS
IEEE 802.11g	1	-21.254		PASS
	6	-20.769		PASS
	11	-20.902		PASS
IEEE 802.11n_20	1	-21.430		PASS
	6	-20.572		PASS
	11	-20.258		PASS

Test Graphs





***** End of Report *****