

APPENDIX IV. Conducted Spurious & Band Edge Emission

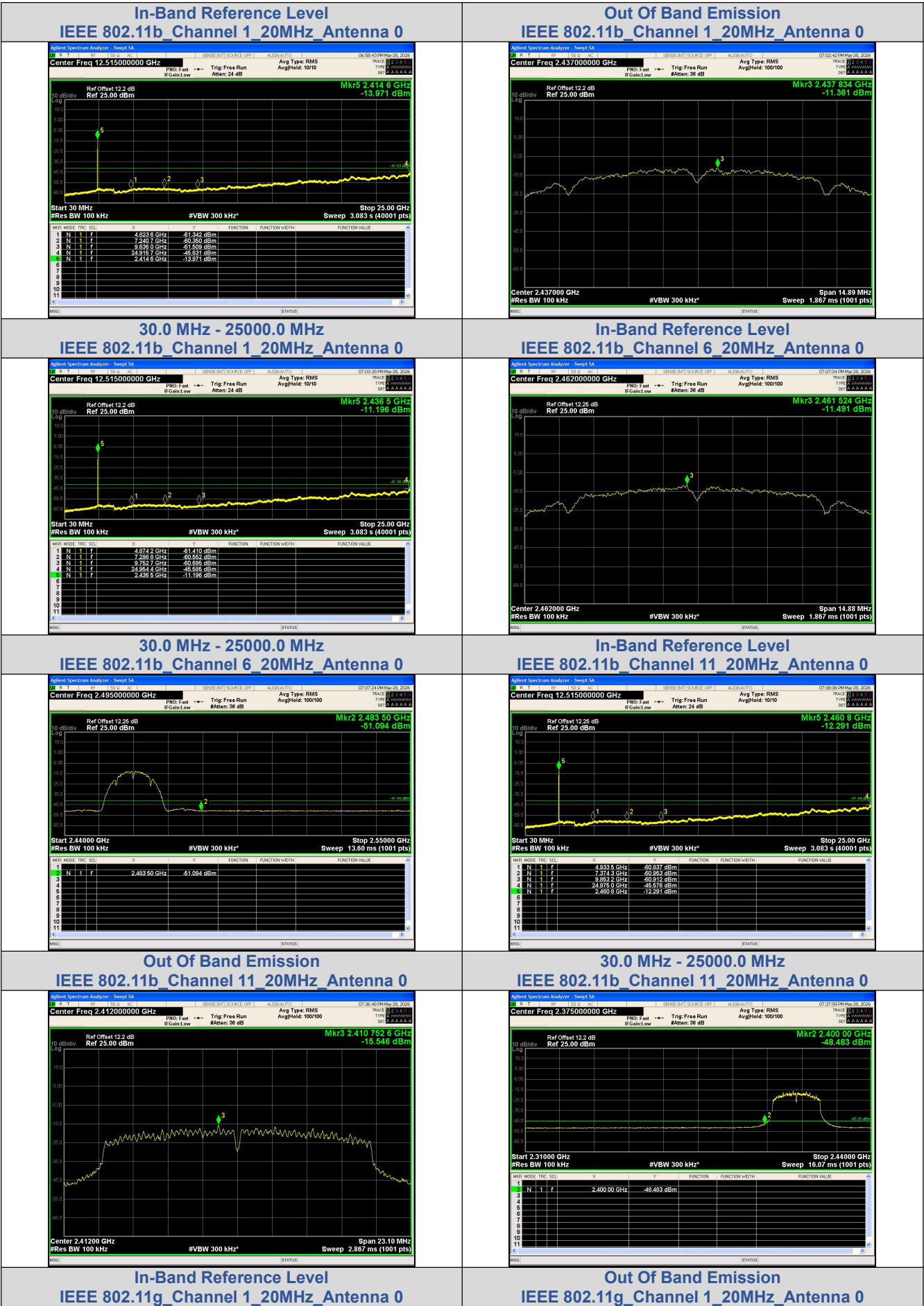
Test Result

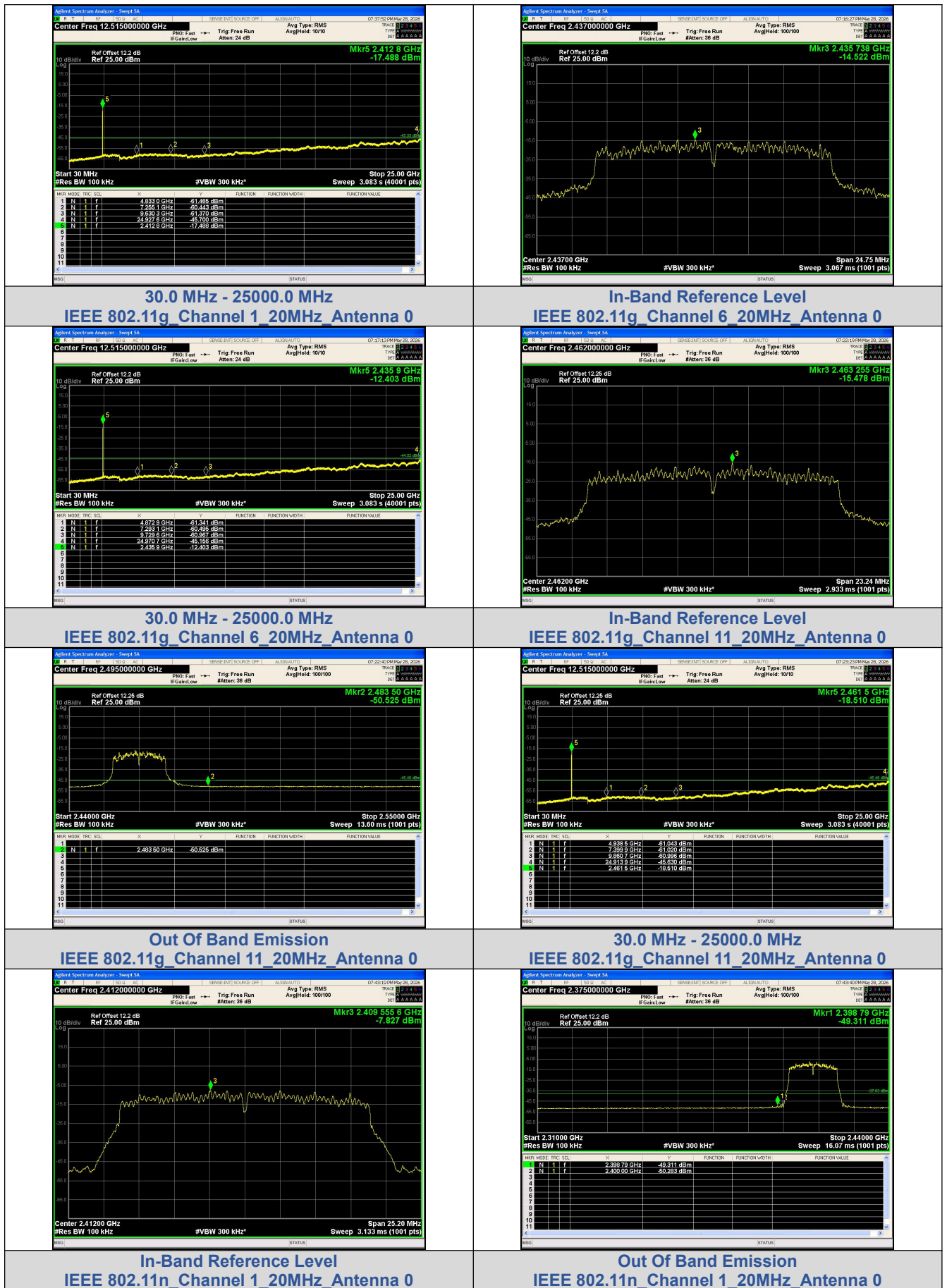
Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2396.19	-49.828	-41.53	-8.298	PASS
			2400.00	-51.637	-41.53	-10.107	PASS
			4823.60	-61.342	-41.53	-19.812	PASS
			7240.70	-60.350	-41.53	-18.820	PASS
			9636.00	-61.508	-41.53	-19.978	PASS
	6		24915.7	-45.631	-41.53	-4.101	PASS
			4874.18	-61.410	-41.36	-20.050	PASS
			7298.77	-60.552	-41.36	-19.192	PASS
			9752.69	-60.695	-41.36	-19.335	PASS
			24954.4	-45.585	-41.36	-4.225	PASS
	11		2483.50	-51.094	-41.49	-9.604	PASS
			4933.48	-60.837	-41.49	-19.347	PASS
			7374.30	-60.953	-41.49	-19.463	PASS
			9853.20	-60.912	-41.49	-19.422	PASS
			24975.0	-45.576	-41.49	-4.086	PASS
IEEE 802.11g	1		2400.00	-48.483	-45.55	-2.933	PASS
			4832.98	-61.465	-45.55	-15.915	PASS
			7255.07	-60.443	-45.55	-14.893	PASS
			9630.34	-61.370	-45.55	-15.820	PASS
			24927.6	-45.700	-45.55	-0.150	PASS
	6		4872.93	-61.341	-44.52	-16.821	PASS
			7293.15	-60.495	-44.52	-15.975	PASS
			9729.60	-60.967	-44.52	-16.447	PASS
			24970.7	-45.156	-44.52	-0.636	PASS
			2483.50	-50.525	-45.48	-5.045	PASS
	11		4938.48	-61.043	-45.48	-15.563	PASS
			7399.90	-61.020	-45.48	-15.541	PASS
			9860.69	-60.996	-45.48	-15.517	PASS
			24913.9	-45.630	-45.48	-0.150	PASS
			IEEE 802.11n_20	1	2398.79	-49.311	-37.83
2400.00	-50.283				-37.83	-12.453	PASS
4807.40	-61.604				-37.83	-23.774	PASS
7228.20	-60.091				-37.83	-22.261	PASS
9664.10	-61.650	-37.83			-23.820	PASS	
6	24978.8	-45.509		-37.83	-7.679	PASS	
	4869.19	-61.396		-41.78	-19.616	PASS	
	7295.02	-60.780		-41.78	-19.000	PASS	
	9757.06	-60.859		-41.78	-19.079	PASS	
	24910.7	-45.597		-41.78	-3.817	PASS	
11	2483.50	-50.736		-44.96	-5.776	PASS	
	4934.11	-61.128		-44.96	-16.168	PASS	
	7386.79	-60.787		-44.96	-15.827	PASS	
	9860.69	-61.013		-44.96	-16.053	PASS	
	24935.7	-45.370		-44.96	-0.410	PASS	
Note: input compensation coefficient (dB)= Cable Loss (dB)							

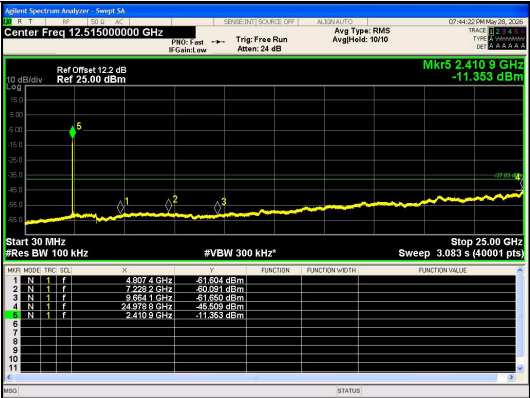
Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs

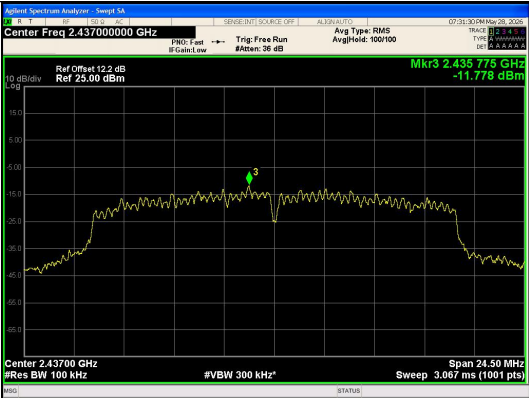




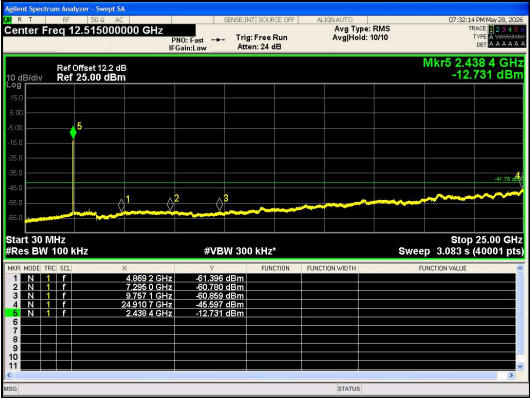




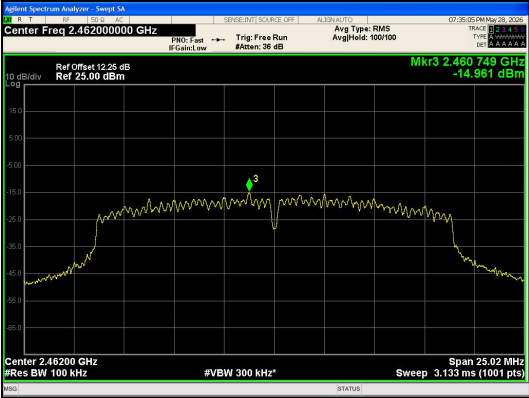
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 1 20MHz Antenna 0



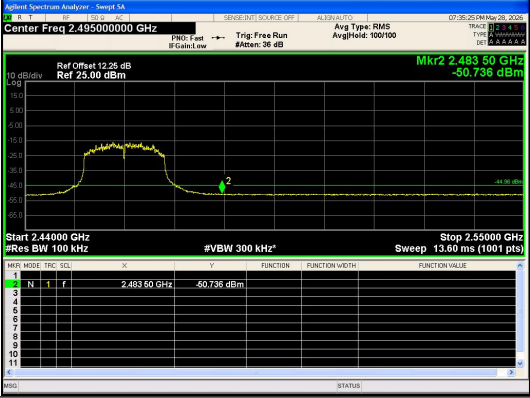
In-Band Reference Level
IEEE 802.11n Channel 6 20MHz Antenna 0



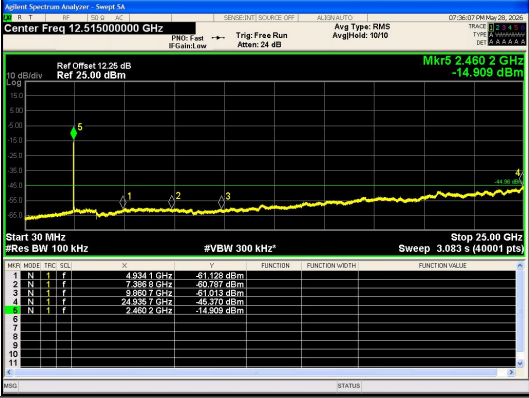
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 6 20MHz Antenna 0



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



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



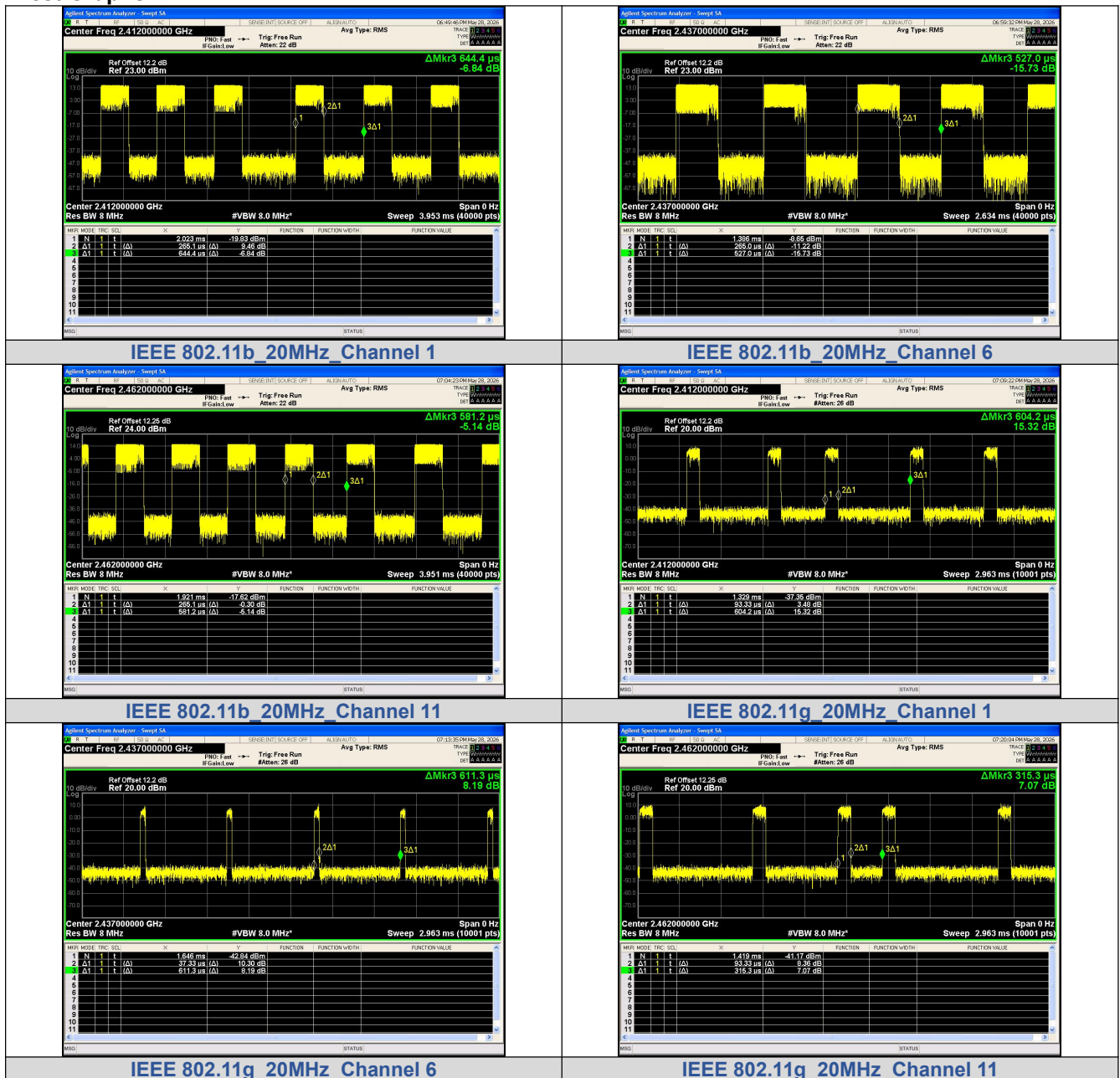
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 11 20MHz Antenna 0

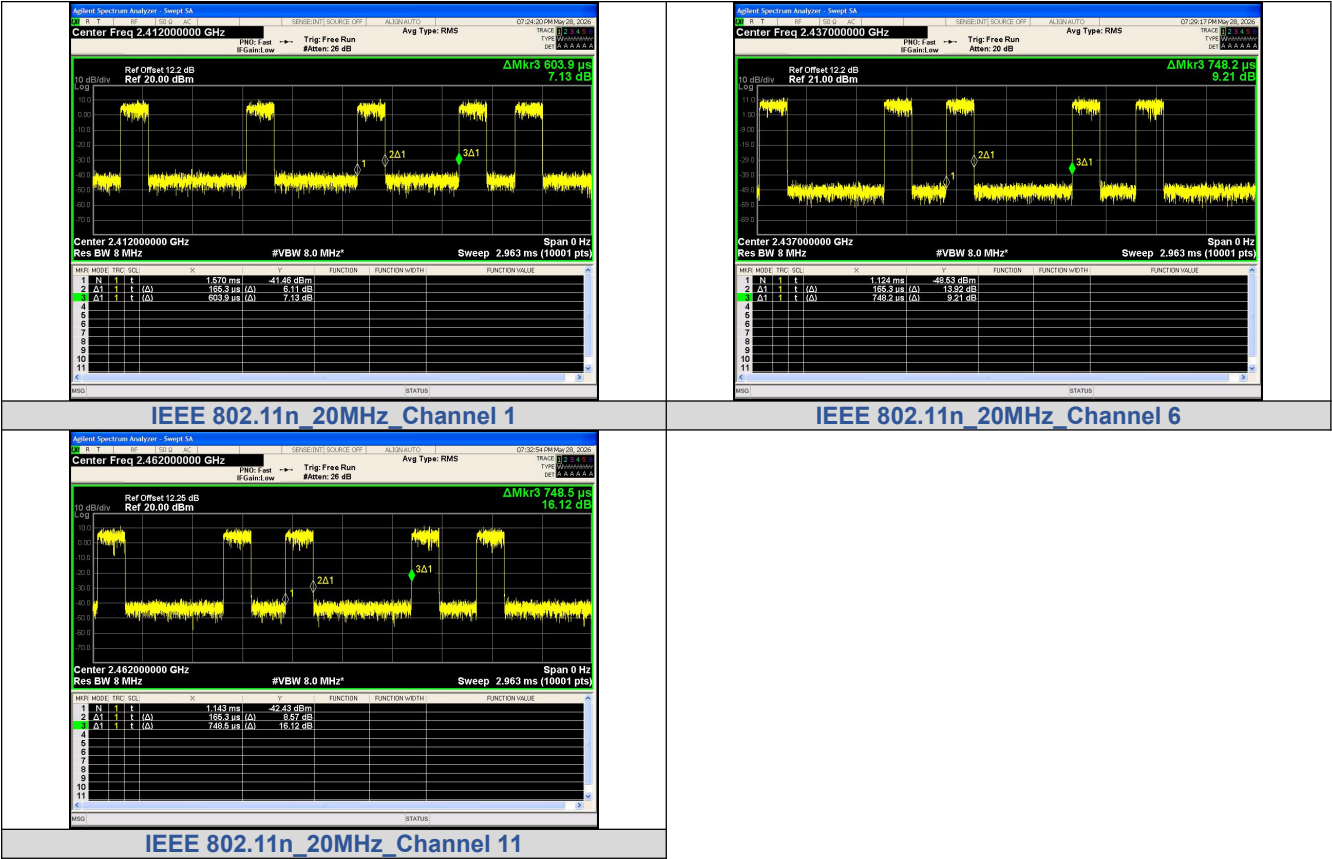
APPENDIX V. Duty Cycle

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	0.265	0.644	41.13	0.4113	3.8584	3.7736
		6		0.265	0.527	50.29	0.5029	2.9852	3.7736
		11		0.265	0.581	45.61	0.4561	3.4094	3.7736
IEEE 802.11g	54	1		0.093	0.604	15.45	0.1545	8.1107	10.7527
		6		0.037	0.611	6.11	0.0611	12.1396	27.0270
		11		0.093	0.315	29.61	0.2961	5.2856	10.7527
IEEE 802.11n_20	MCS 7	1		0.165	0.604	27.38	0.2738	5.6257	6.0606
		6		0.165	0.748	22.10	0.2210	6.5561	6.0606
		11		0.165	0.748	22.09	0.2209	6.558	6.0606

Test Graphs

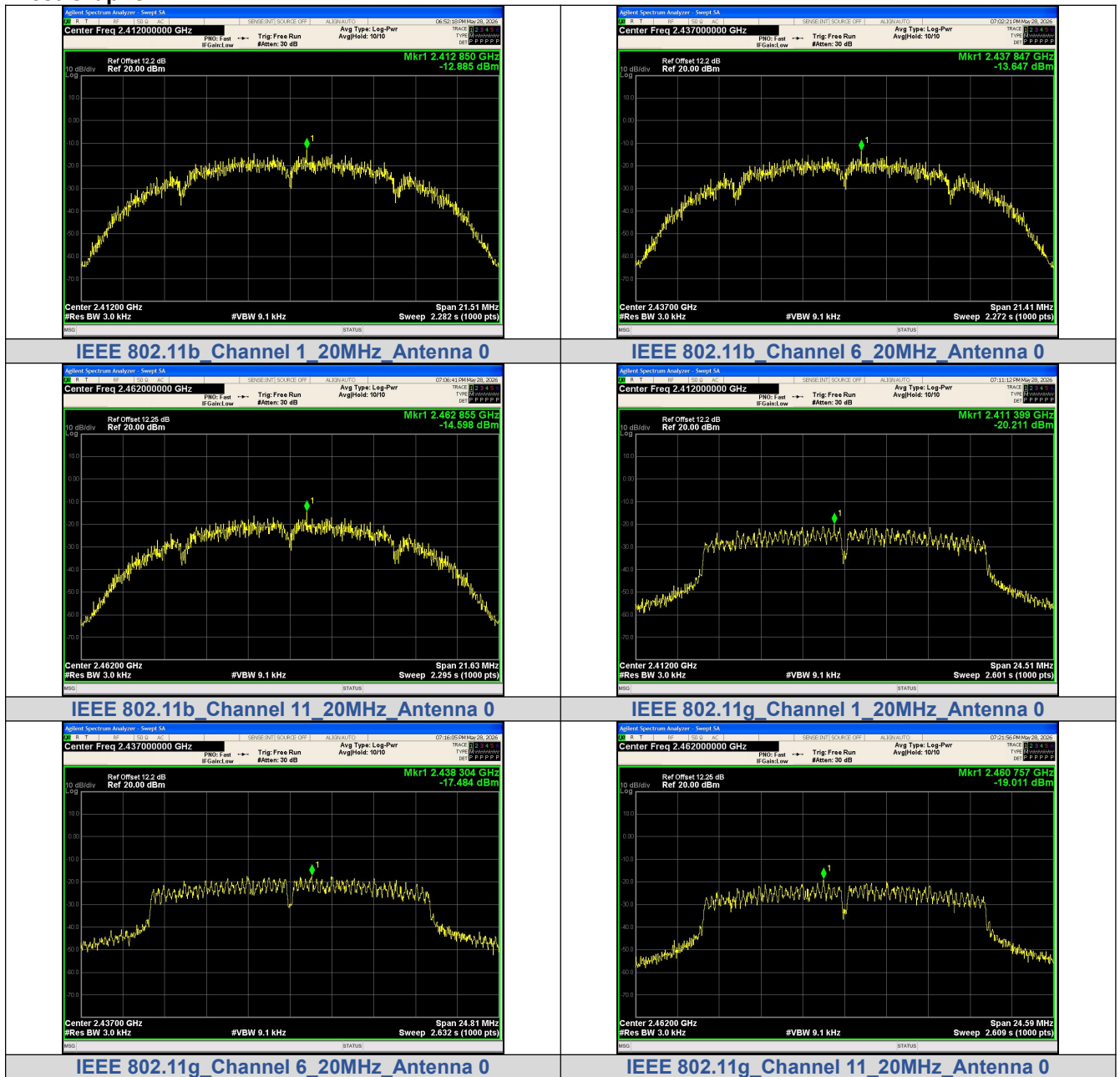


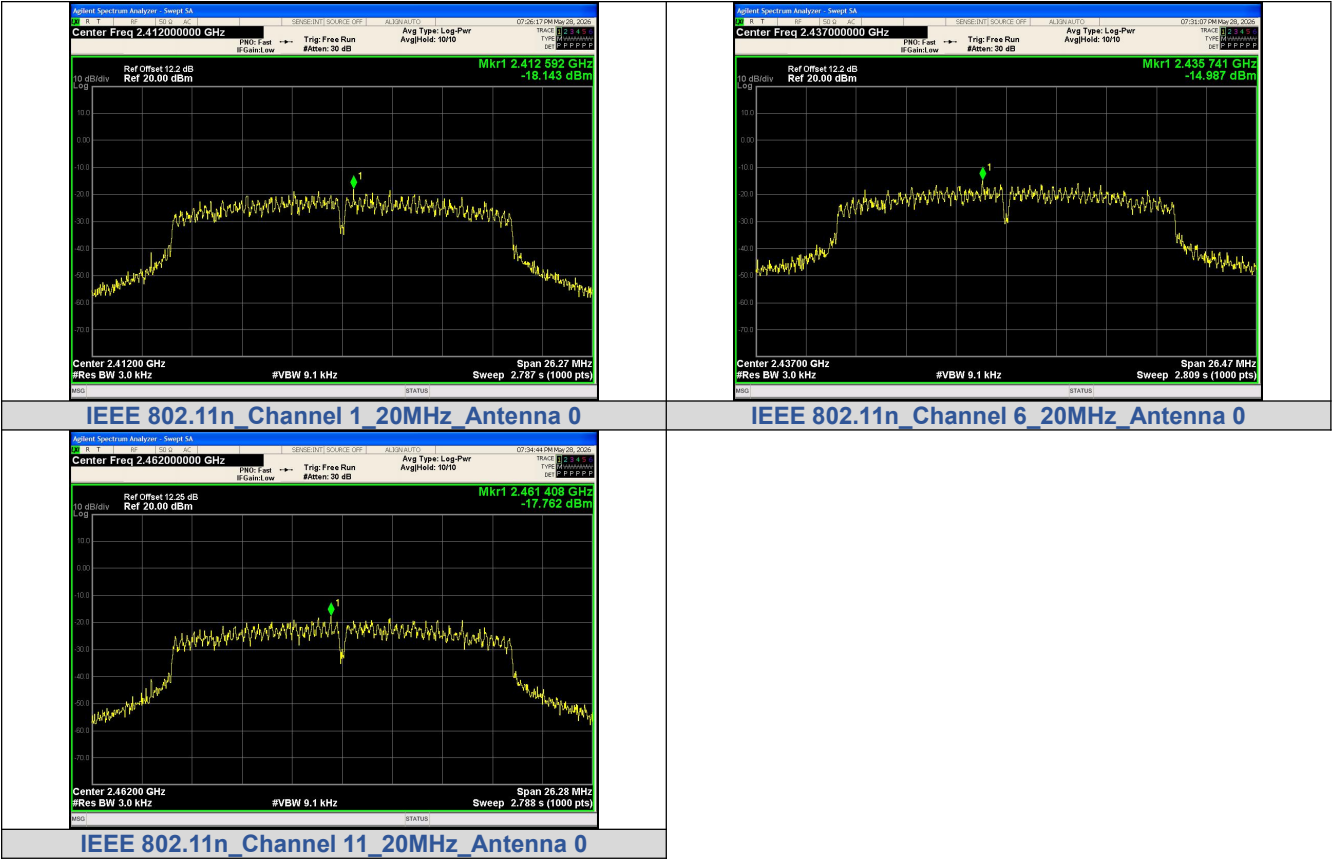


APPENDIX VI. Power Spectral Density Test Result

Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-12.880	≤8	PASS
	6	-13.650		PASS
	11	-14.600		PASS
IEEE 802.11g	1	-20.210		PASS
	6	-17.480		PASS
	11	-19.010		PASS
IEEE 802.11n_20	1	-18.140		PASS
	6	-14.990		PASS
	11	-17.760		PASS

Test Graphs





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