

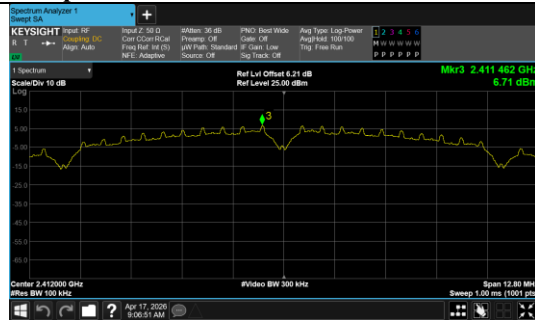
8.4 CONDUCTED SPURIOUS & BAND EDGE EMISSION

Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2398.40	-44.425	-23.29	-21.135	PASS
			2400.00	-44.875	-23.29	-21.585	PASS
	4823.60		-45.861	-23.29	-22.571	PASS	
	6		4873.56	-46.942	-23.5	-23.442	PASS
	11		2483.50	-47.133	-23.24	-23.893	PASS
			4924.12	-48.127	-23.24	-24.887	PASS
IEEE 802.11g	1		2398.79	-29.884	-25.85	-4.034	PASS
			2400.00	-31.593	-25.85	-5.743	PASS
	6		24875.2	-49.533	-25.85	-23.683	PASS
	11		24252.1	-49.500	-25.73	-23.770	PASS
			2483.50	-44.796	-25.93	-18.866	PASS
IEEE 802.11n_20	1		23992.5	-48.853	-25.93	-22.923	PASS
			2400.00	-30.839	-25.92	-4.919	PASS
	6		23450.0	-49.356	-25.92	-23.436	PASS
	11		24093.0	-48.849	-25.8	-23.049	PASS
			2483.50	-41.468	-25.91	-15.558	PASS
			24950.7	-48.684	-25.91	-22.774	PASS
IEEE 802.11n_40	3		2398.01	-32.577	-28.1	-4.477	PASS
			2400.00	-35.196	-28.1	-7.096	PASS
			23458.1	-49.447	-28.1	-21.347	PASS
	6		24518.7	-49.099	-27.95	-21.149	PASS
	9		2483.50	-36.761	-27.93	-8.831	PASS
			24264.0	-48.851	-27.93	-20.921	PASS

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

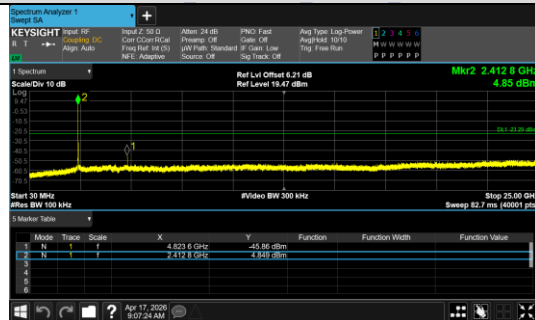
Test Graphs



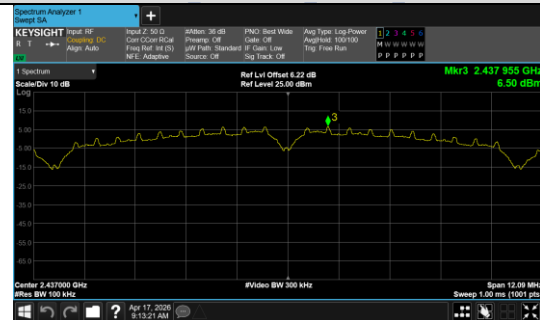
In-Band Reference Level
IEEE 802.11b Channel 1 20MHz Antenna 0



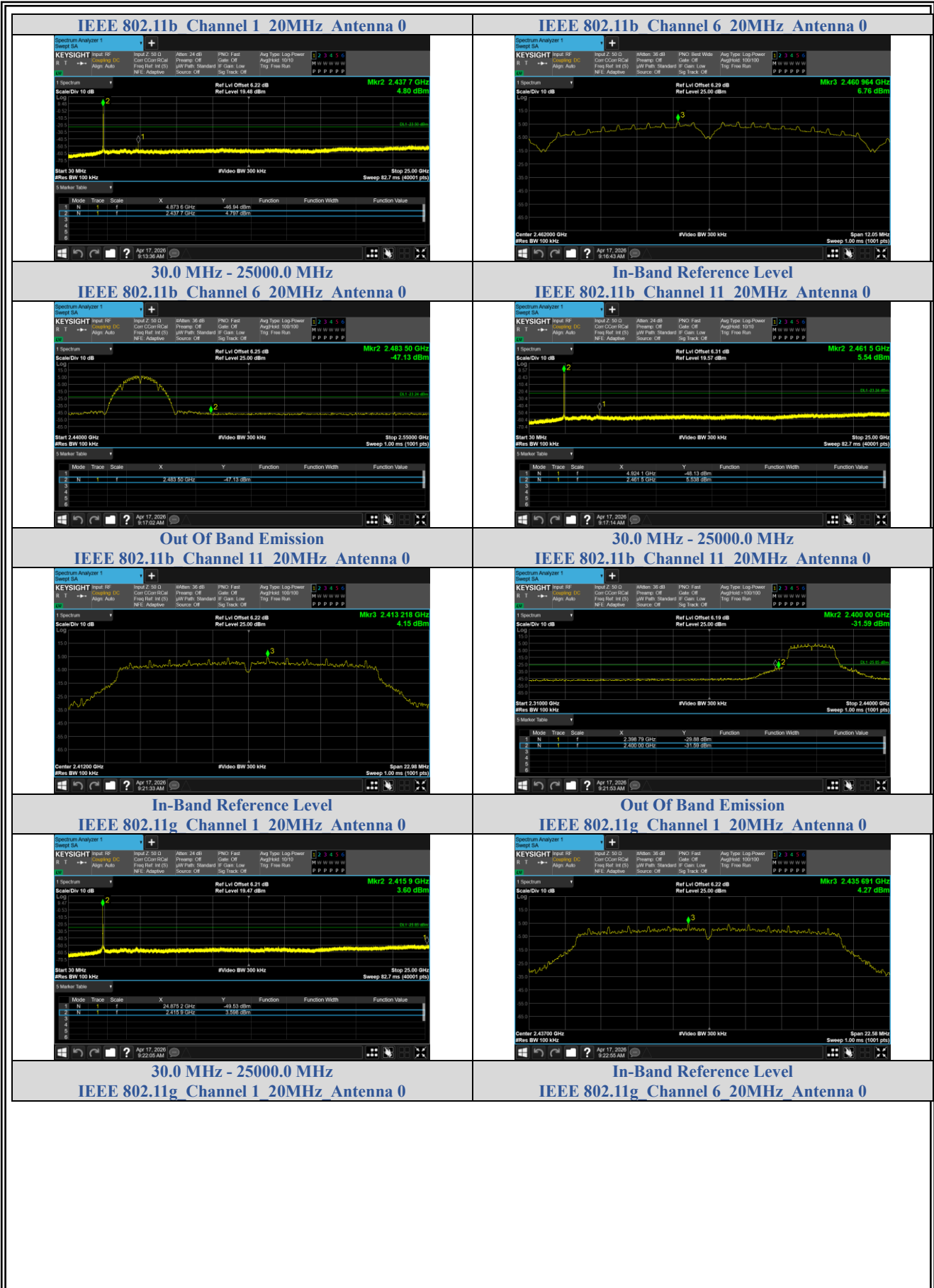
Out Of Band Emission
IEEE 802.11b Channel 1 20MHz Antenna 0

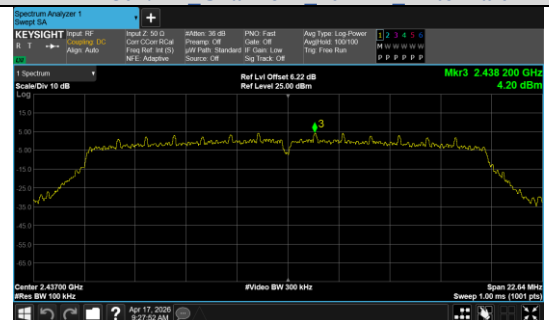
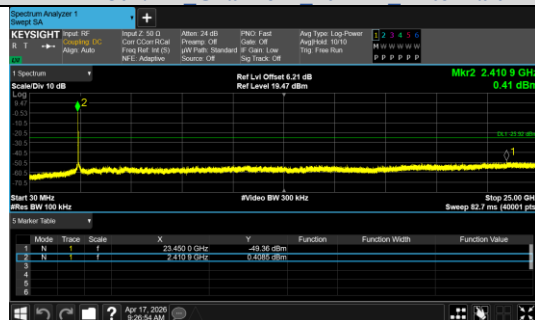
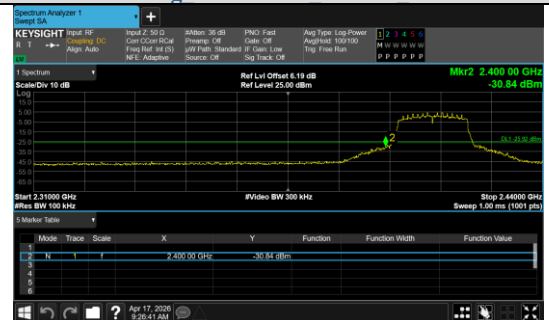
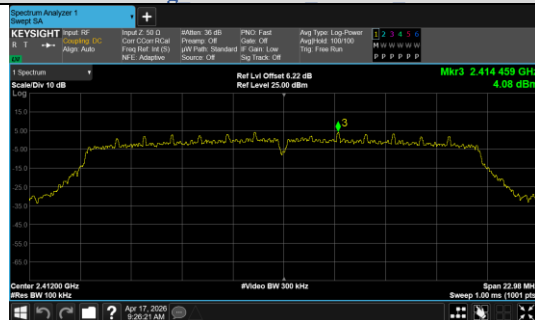
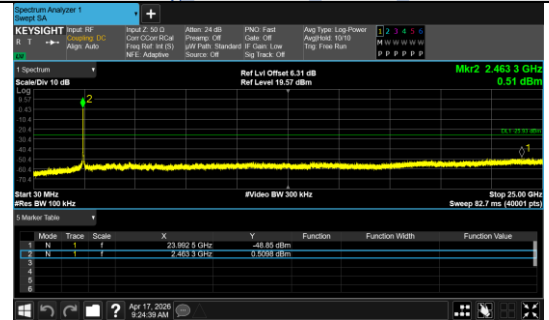
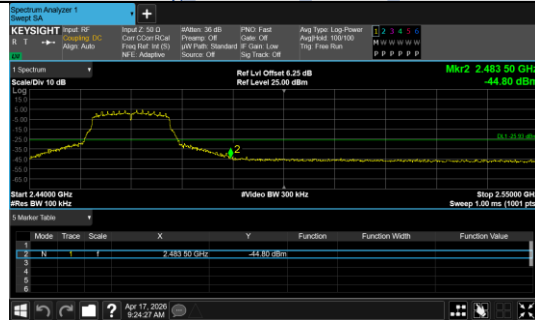
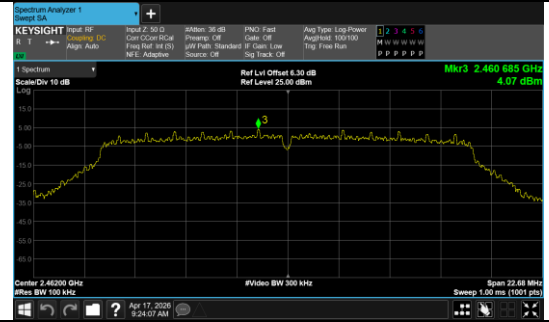
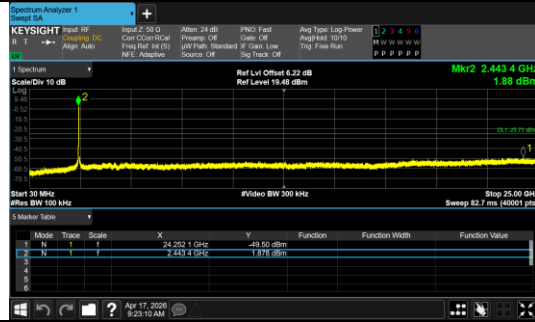


30.0 MHz - 25000.0 MHz



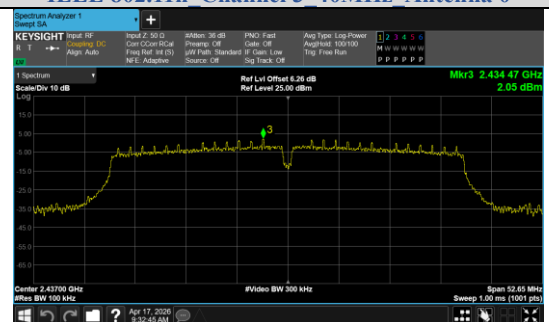
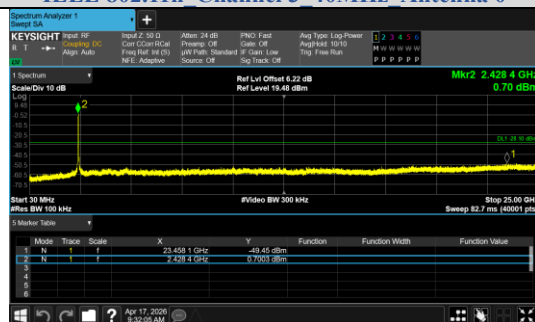
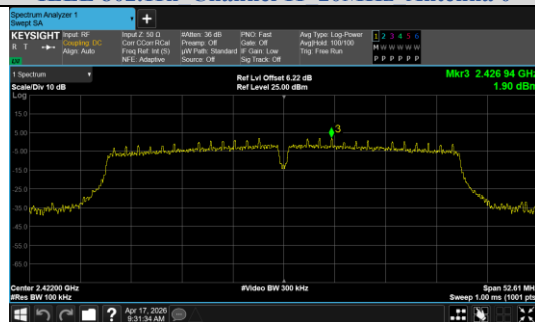
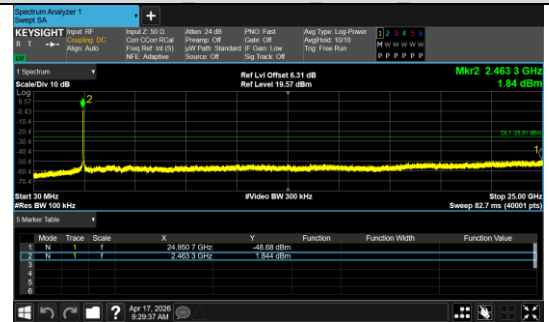
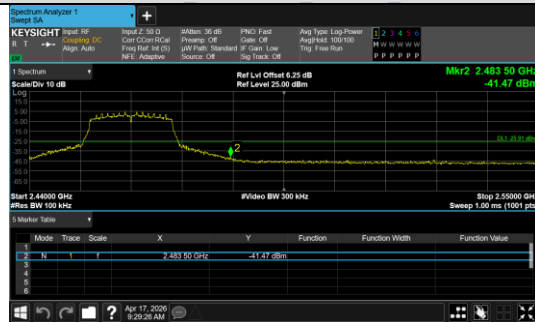
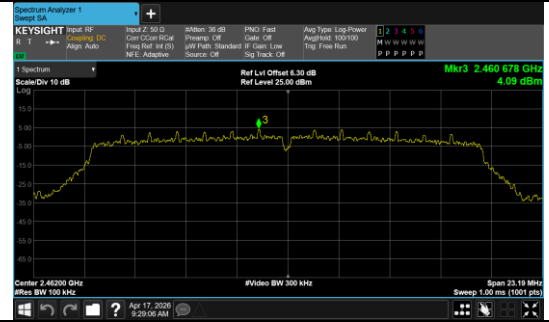
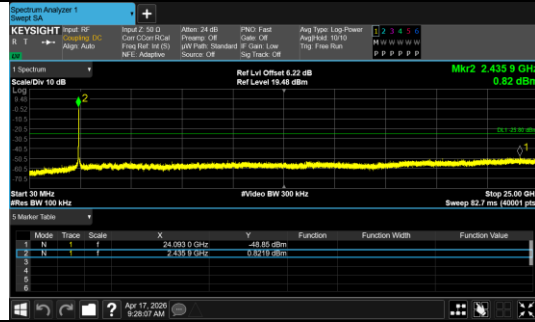
In-Band Reference Level

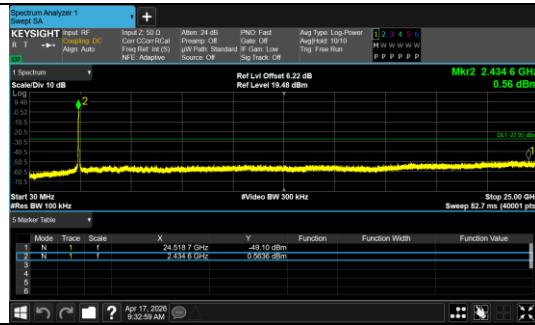




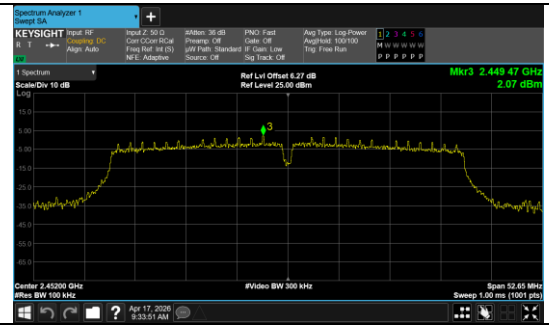
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 1 20MHz Antenna 0

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

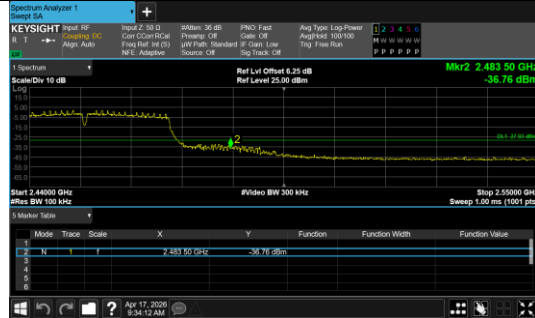




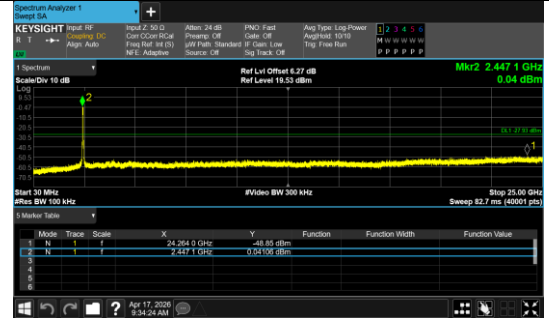
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 6 40MHz Antenna 0



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



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

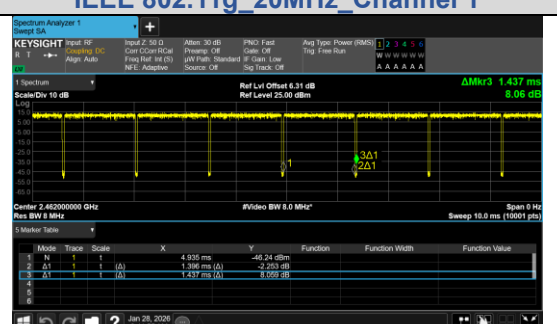
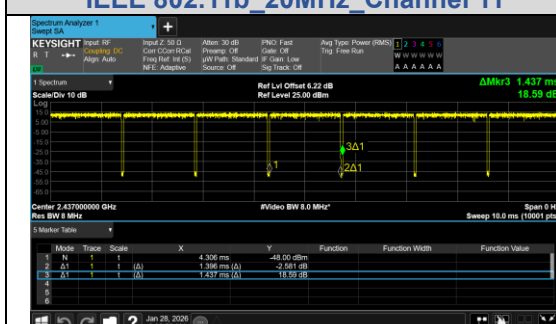
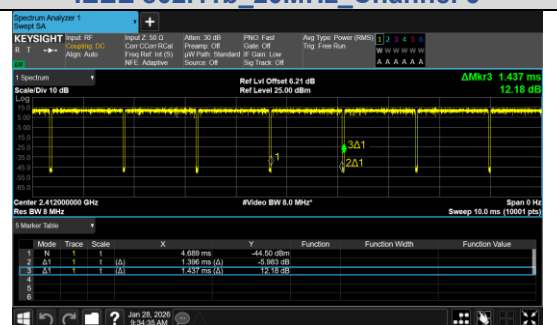
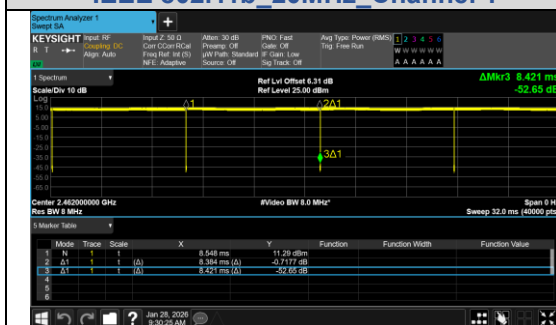
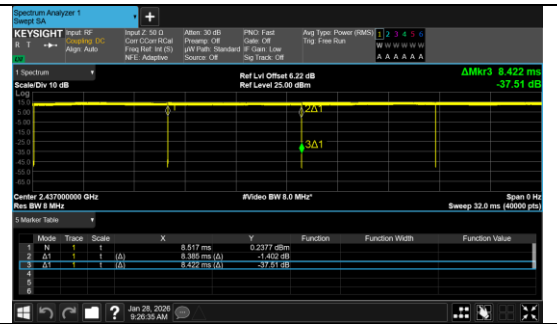
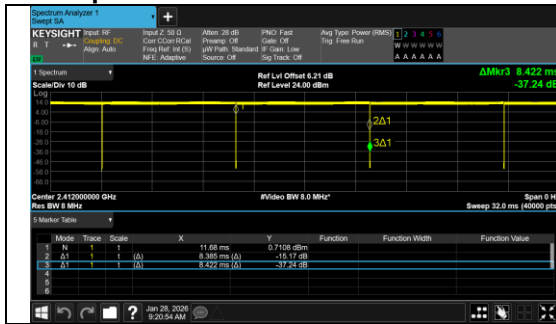


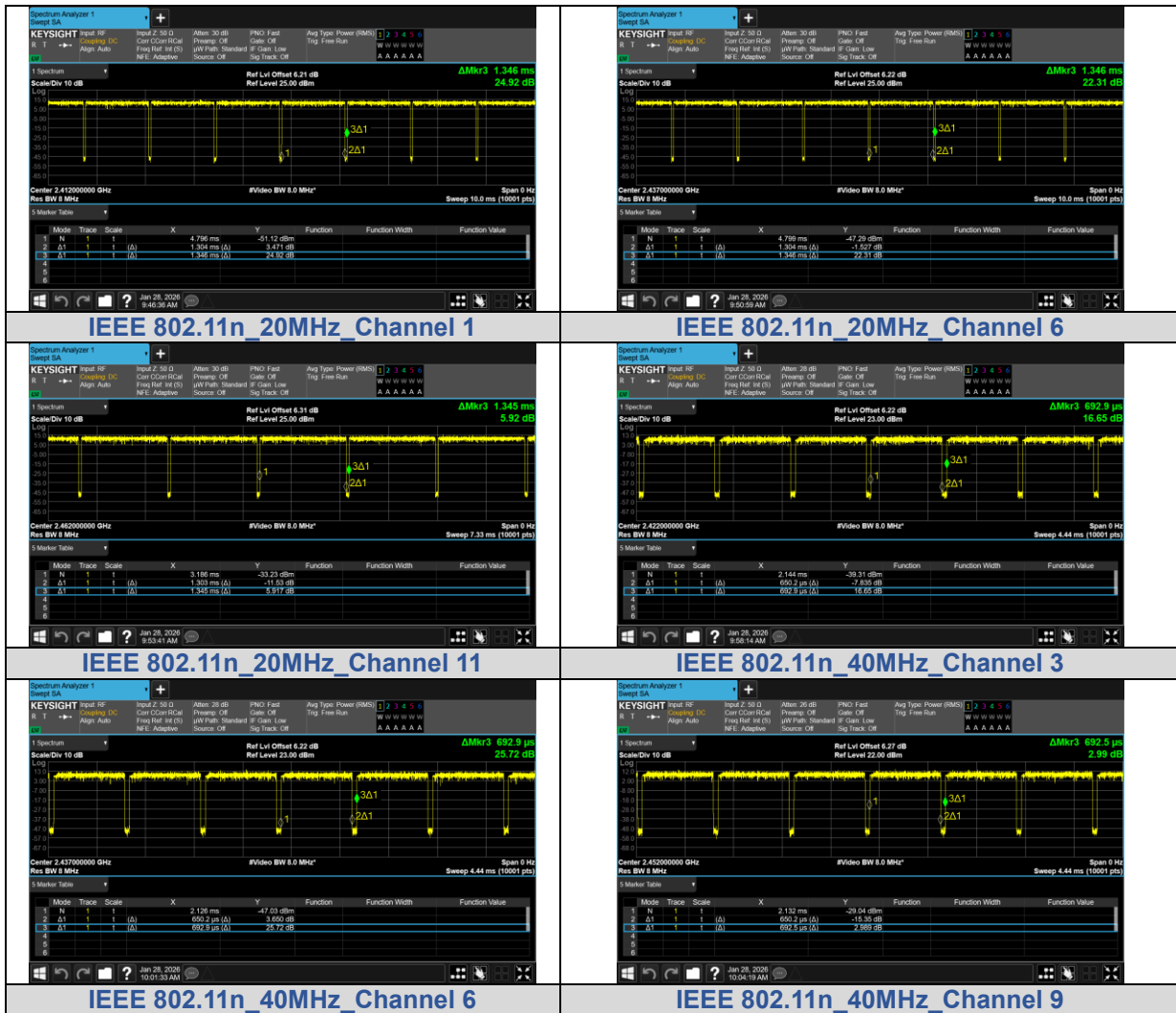
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 9 40MHz Antenna 0

8.5 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	1	1	1	8.385	8.422	99.56	0.9956	0.0192	0.1193
		6		8.385	8.422	99.56	0.9956	0.0192	0.1193
		11		8.384	8.421	99.56	0.9956	0.0192	0.1193
IEEE 802.11g	6	1		1.396	1.437	97.15	0.9715	0.1256	0.7163
		6		1.396	1.437	97.15	0.9715	0.1256	0.7163
		11		1.396	1.437	97.15	0.9715	0.1256	0.7163
IEEE 802.11n_20	MCS 0	1		1.304	1.346	96.88	0.9688	0.1377	0.7669
		6		1.304	1.346	96.88	0.9688	0.1377	0.7669
		11		1.303	1.345	96.89	0.9689	0.1372	0.7675
IEEE 802.11n_40	0	3		0.650	0.693	93.84	0.9384	0.2761	1.5385
		6		0.650	0.693	93.84	0.9384	0.2761	1.5385
		9		0.650	0.692	93.90	0.9390	0.2733	1.5385

Test Graphs

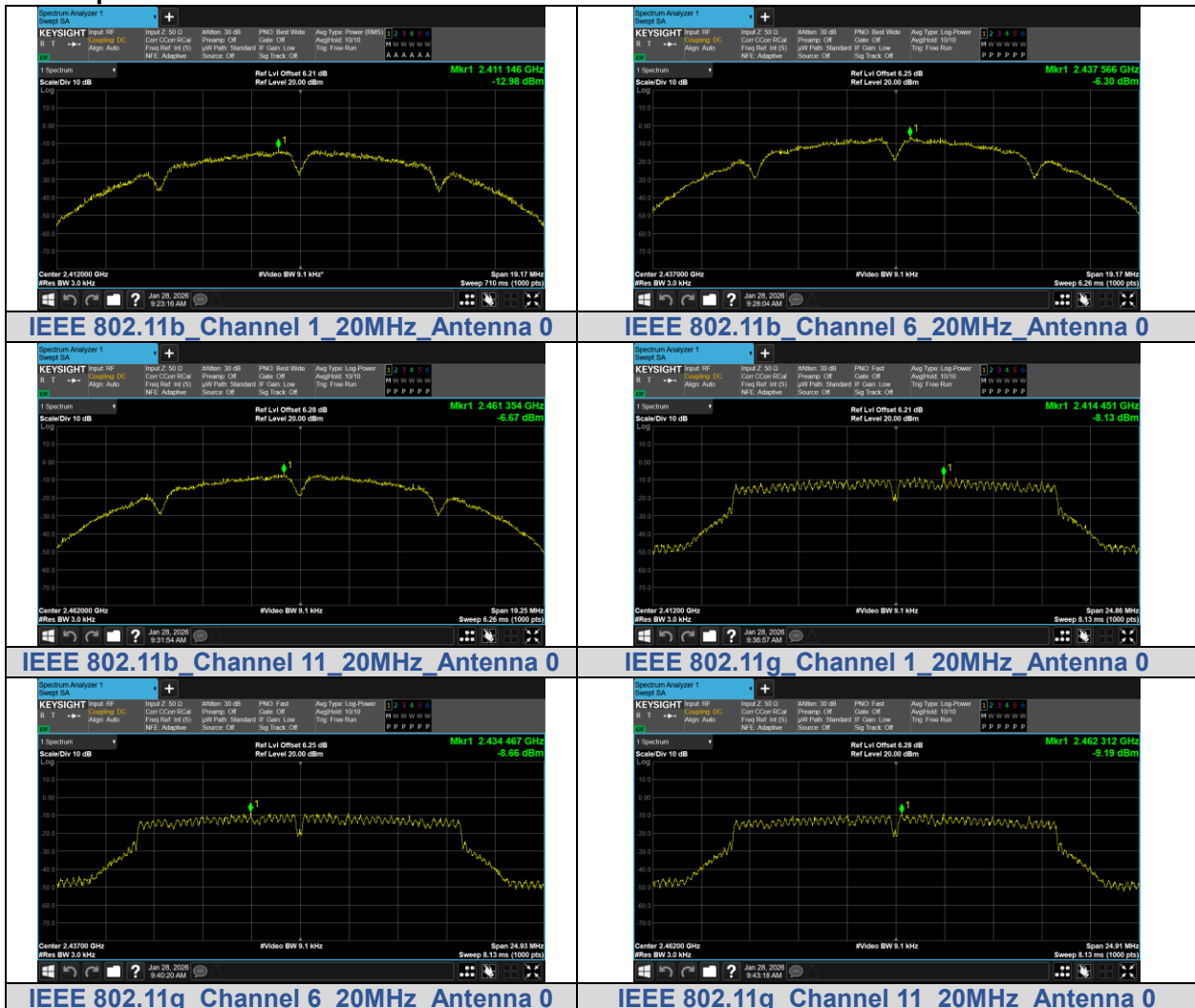


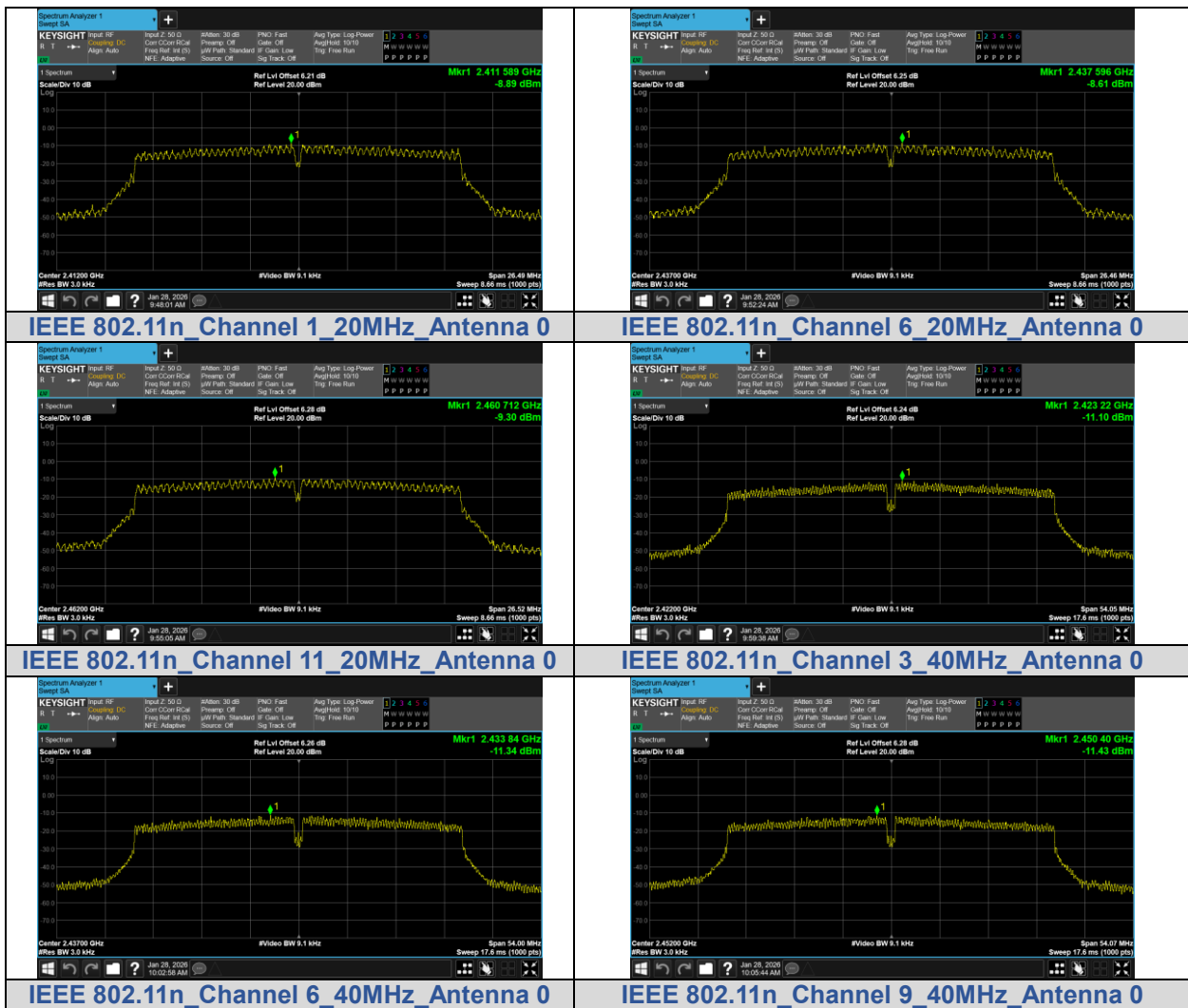


8.6 POWER SPECTRAL DENSITY Test Result

Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-12.980	≤8	PASS
	6	-6.300		PASS
	11	-6.670		PASS
IEEE 802.11g	1	-8.130		PASS
	6	-8.660		PASS
	11	-9.190		PASS
IEEE 802.11n_20	1	-8.890		PASS
	6	-8.610		PASS
	11	-9.290		PASS
IEEE 802.11n_40	3	-11.100		PASS
	6	-11.340		PASS
	9	-11.430		PASS

Test Graphs





END OF REPORT