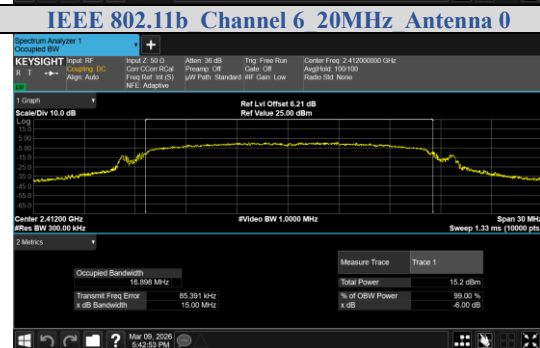


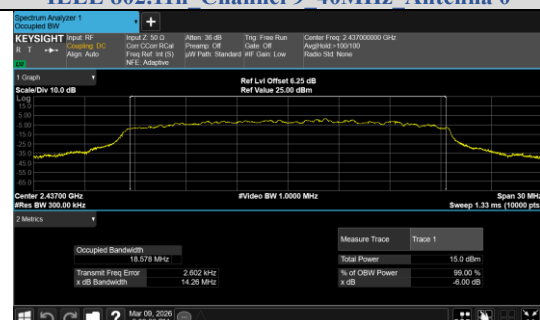
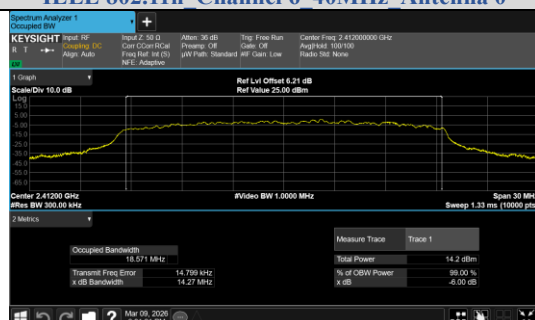
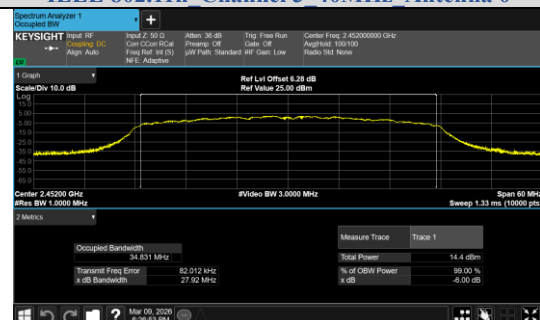
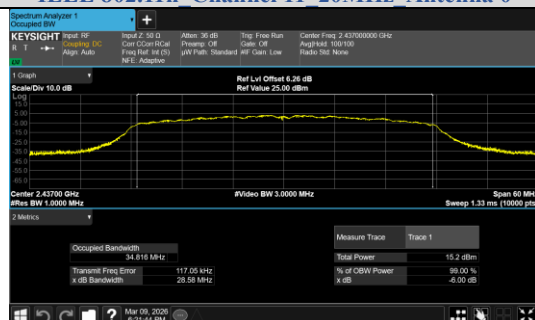
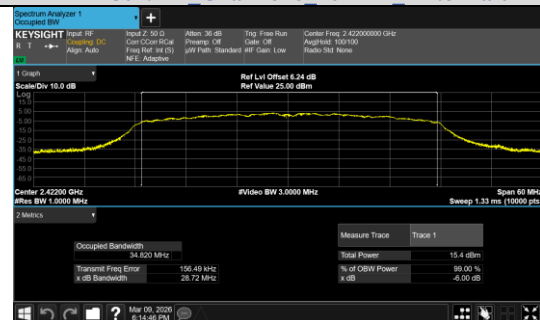
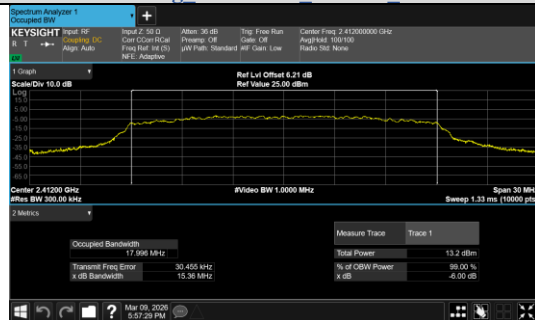
8.3 6dB BANDWIDTH

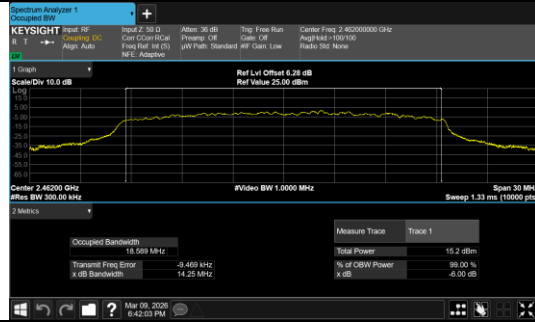
Test Result

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	N/A	0	2412	9.166	≥0.5	PASS
	6			2437	9.165		PASS
	11			2462	9.165		PASS
IEEE 802.11g	1			2412	15.00		PASS
	6			2437	14.92		PASS
	11			2462	14.72		PASS
IEEE 802.11n_20	1			2412	15.36		PASS
	6			2437	15.34		PASS
	11			2462	15.36		PASS
IEEE 802.11n_40	3	SU	0	2422	28.72	≥0.5	PASS
	6			2437	28.58		PASS
	9			2452	27.92		PASS
IEEE 802.11ax_20	1			2412	14.27		PASS
	6			2437	14.26		PASS
	11			2462	14.25		PASS
IEEE 802.11ax_40	3			2422	28.05		PASS
	6			2437	28.03		PASS
	9			2452	27.94		PASS

Test Graphs







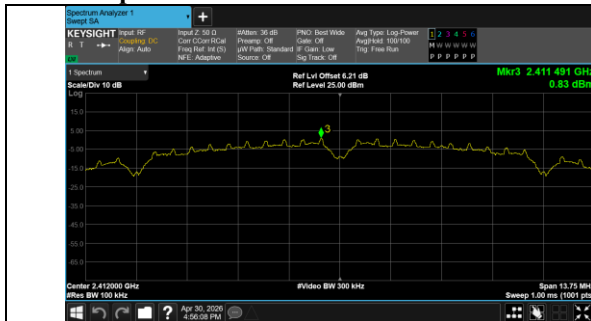
8.4 CONDUCTED SPURIOUS & BAND EDGE EMISSION

Test Result

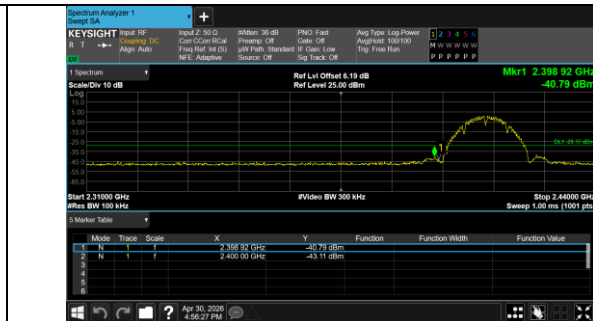
Mode	Channel	RU & Index	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result		
IEEE 802.11b	1	N/A	0	2398.92	-40.793	-29.17	-11.623	PASS		
				2400.00	-43.110	-29.17	-13.940	PASS		
				2571.90	-42.707	-29.17	-13.537	PASS		
	6			2596.92	-41.240	-28.29	-12.950	PASS		
				11	2483.50	-46.076	-28.2	-17.876	PASS	
					2621.89	-42.654	-28.2	-14.454	PASS	
IEEE 802.11g	1				2400.00	-35.423	-31.69	-3.733	PASS	
				2571.95	-40.963	-31.69	-9.273	PASS		
				6	24838.3	-49.772	-31.57	-18.202	PASS	
	11				2483.50	-47.380	-31.39	-15.990	PASS	
					2621.89	-41.750	-31.39	-10.360	PASS	
				2400.00	-35.534	-29.8	-5.734	PASS		
IEEE 802.11n_20	1			2571.95	-41.309	-29.8	-11.509	PASS		
				6	24277.1	-48.641	-30.84	-17.801	PASS	
					11	2302.27	-49.826	-30.81	-19.016	PASS
	IEEE 802.11n_40					3	2483.50	-48.335	-30.81	-17.525
				2398.92			-39.789	-33.68	-6.109	PASS
				2400.00	-40.961		-33.68	-7.281	PASS	
IEEE 802.11ax_20				1	2581.90	-42.349	-33.68	-8.669	PASS	
					6	2596.92	-40.833	-34.0	-6.833	PASS
						9	2483.50	-46.211	-34.19	-12.021
	IEEE 802.11ax_40			3			2611.90	-41.300	-34.19	-7.110
					6		2400.00	-35.924	-30.97	-4.954
						9	24923.8	-50.278	-30.97	-19.308
IEEE 802.11ax_40		1	2596.92	-42.776			-30.55	-12.226	PASS	
			6	2483.50	-44.555		-30.21	-14.345	PASS	
				11	2621.89	-42.573	-30.21	-12.363	PASS	
	IEEE 802.11ax_40	3			2396.97	-41.894	-33.72	-8.174	PASS	
			6		2400.00	-42.536	-33.72	-8.816	PASS	
				9	2581.90	-40.892	-33.72	-7.172	PASS	
IEEE 802.11ax_40		3			23566.7	-50.214	-33.78	-16.434	PASS	
			6		2483.50	-47.906	-34.12	-13.786	PASS	
				9	2611.90	-43.301	-34.12	-9.181	PASS	
	IEEE 802.11ax_40	3			2398.92	-40.793	-29.17	-11.623	PASS	
			6							
				9						

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

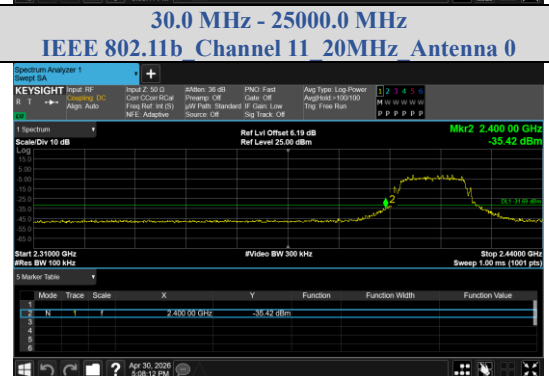
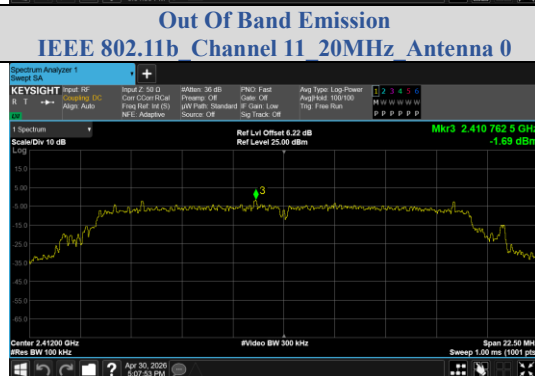
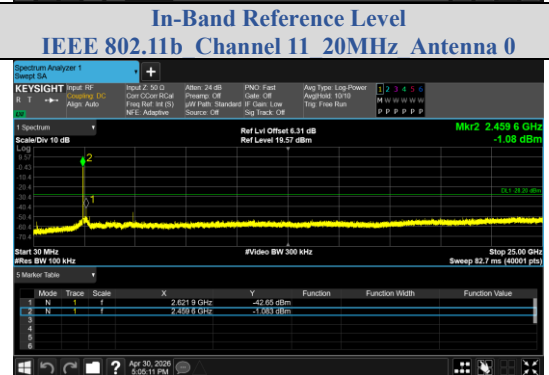
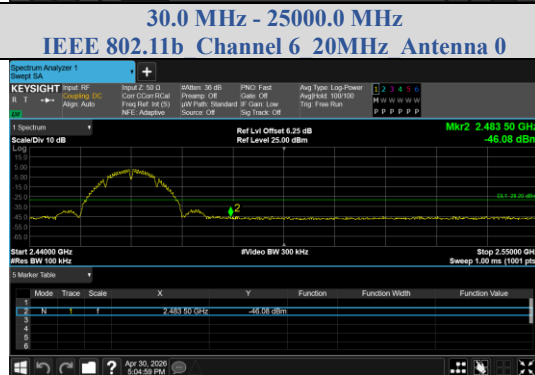
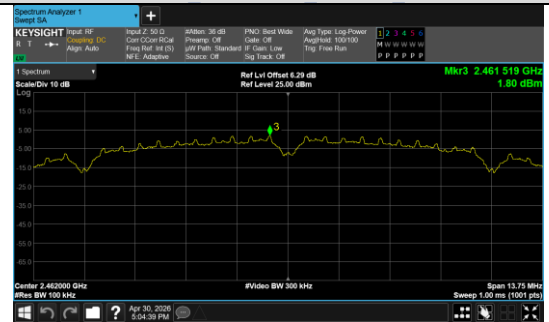
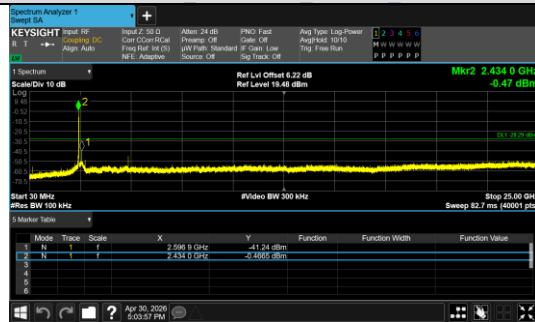
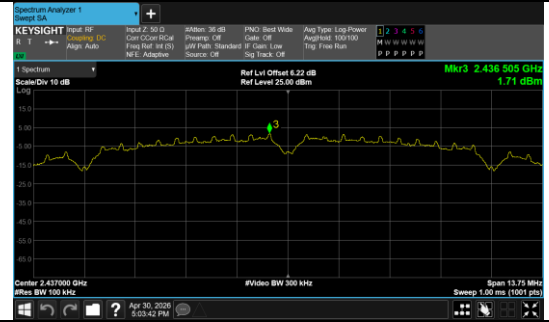
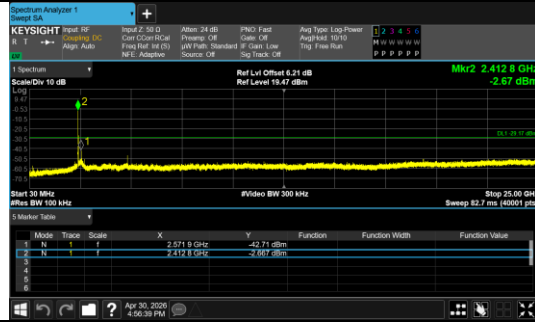
Test Graphs

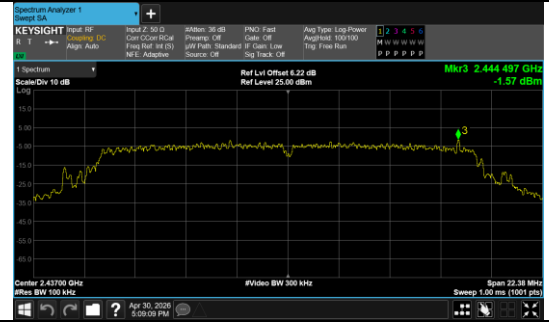
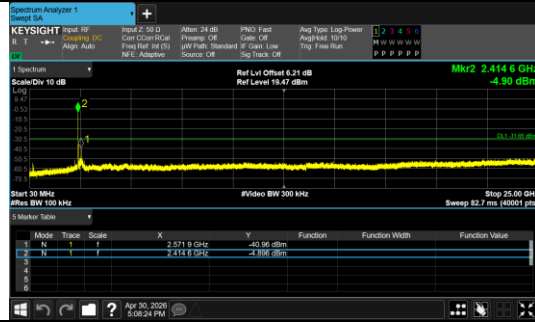


In-Band Reference Level
IEEE 802.11b Channel 1 20MHz Antenna 0



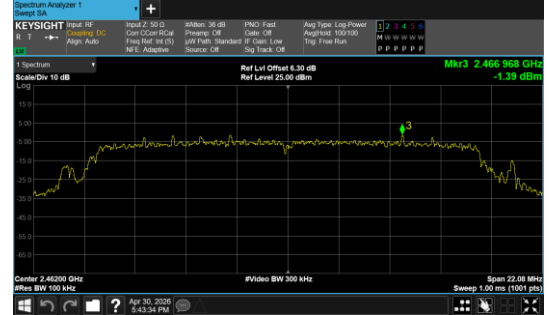
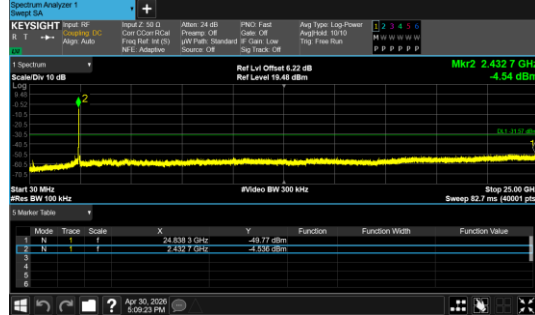
Out Of Band Emission
IEEE 802.11b Channel 1 20MHz Antenna 0





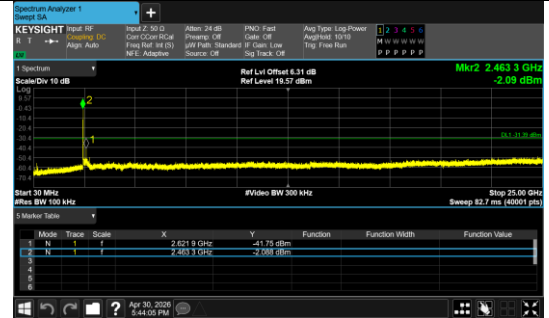
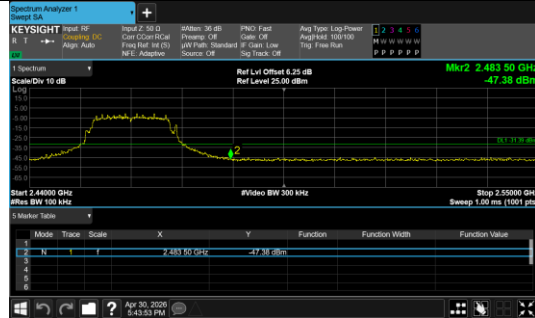
30.0 MHz - 25000.0 MHz
IEEE 802.11g Channel 1 20MHz Antenna 0

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



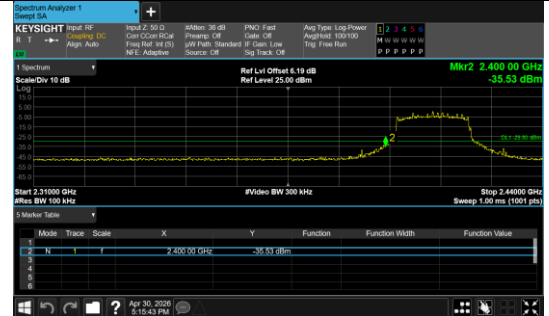
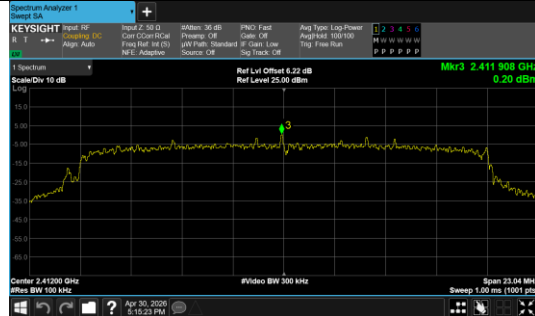
30.0 MHz - 25000.0 MHz
IEEE 802.11g Channel 6 20MHz Antenna 0

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



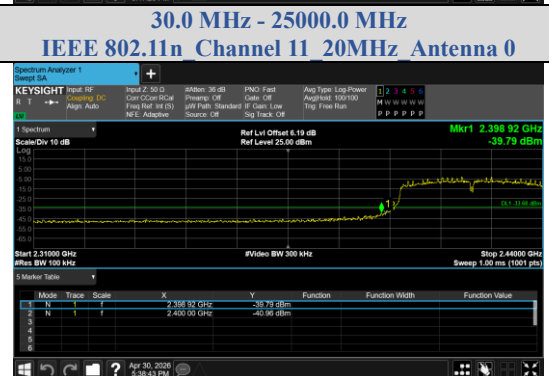
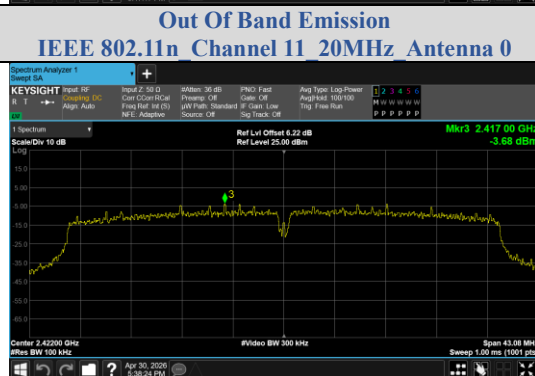
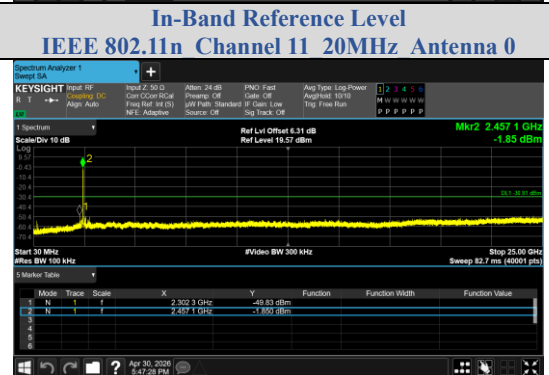
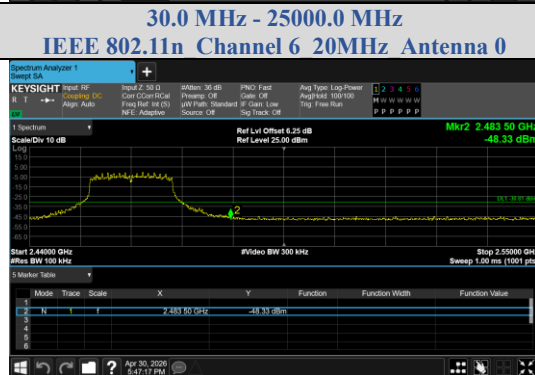
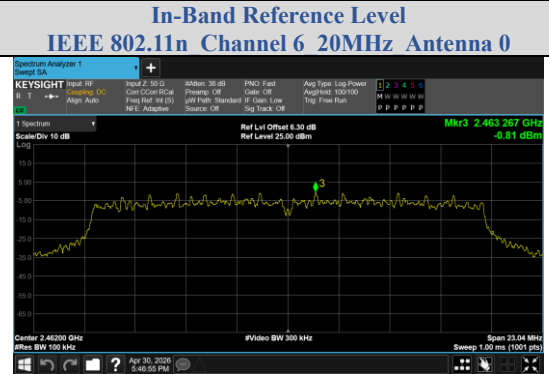
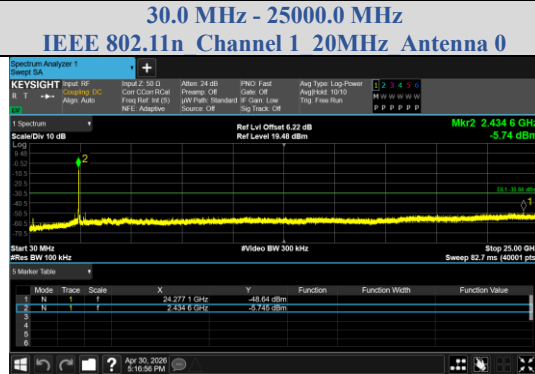
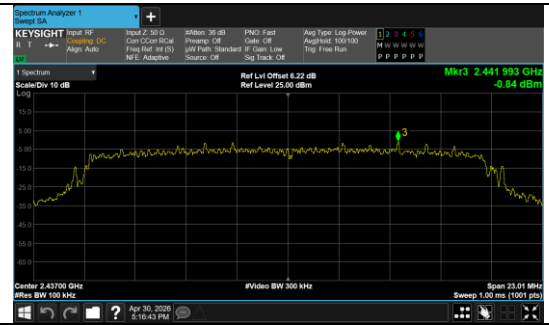
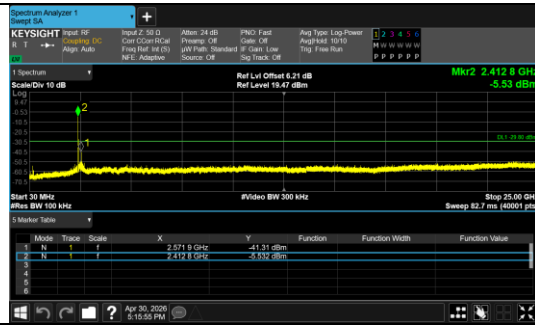
Out Of Band Emission
IEEE 802.11g Channel 11 20MHz Antenna 0

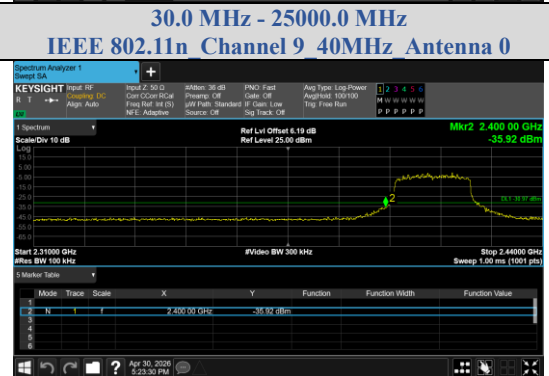
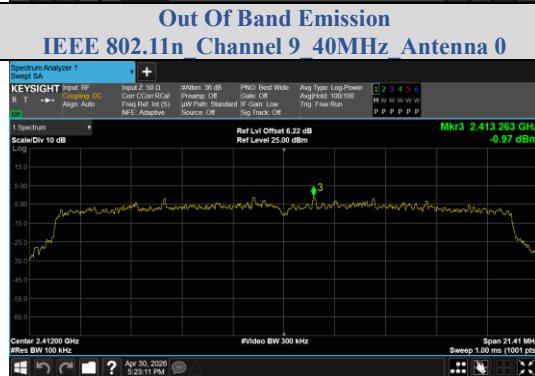
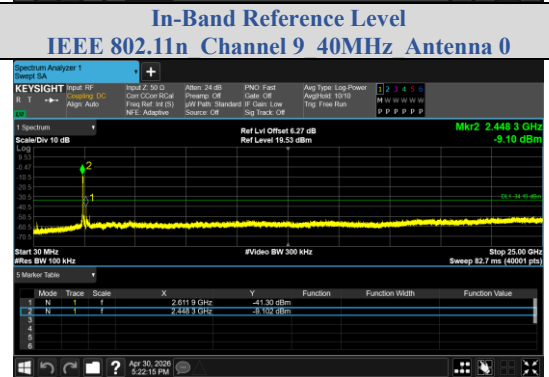
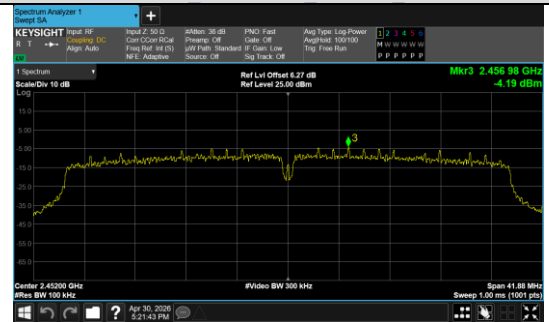
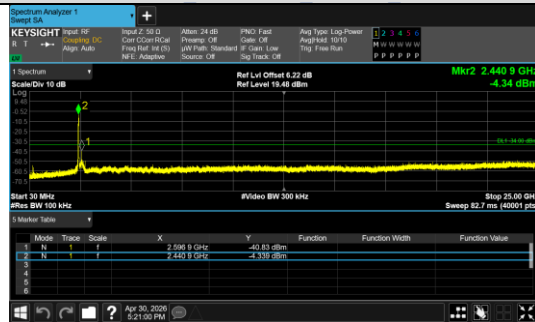
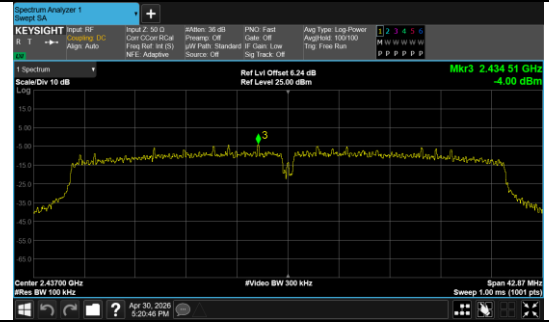
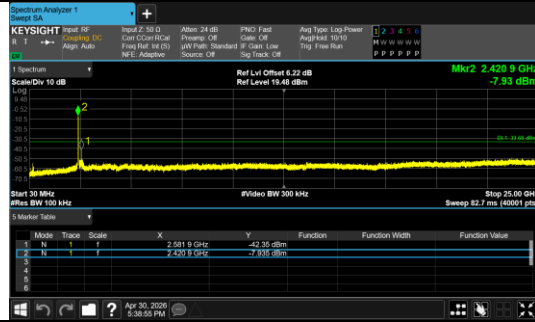
30.0 MHz - 25000.0 MHz
IEEE 802.11g Channel 11 20MHz Antenna 0

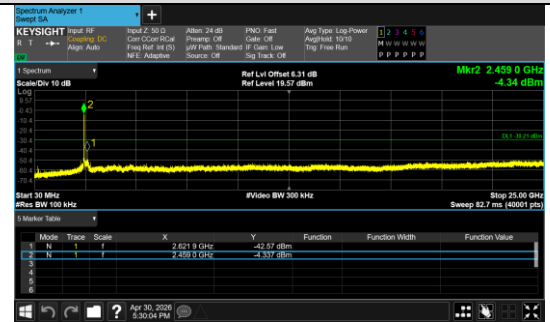
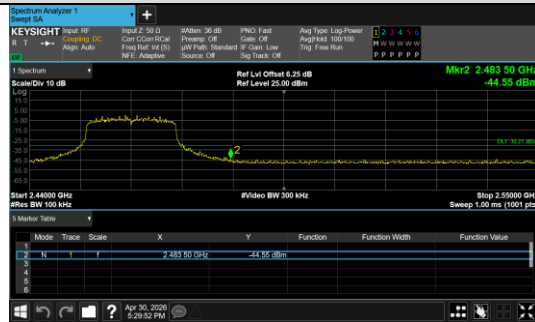
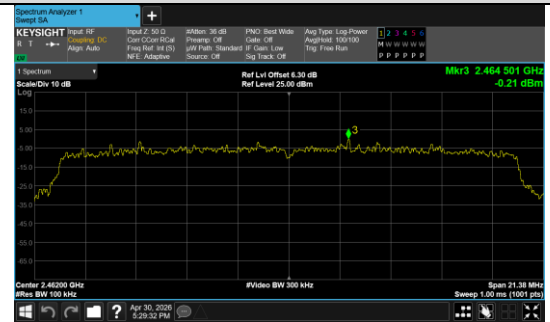
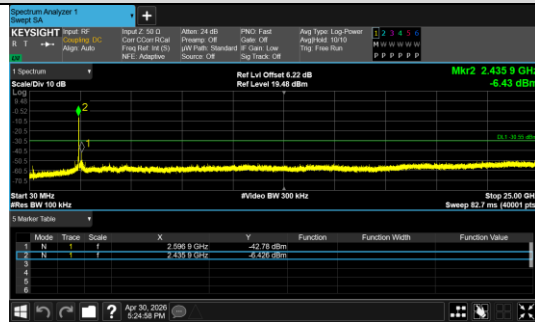
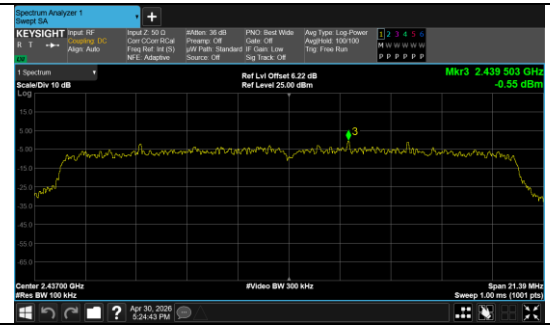
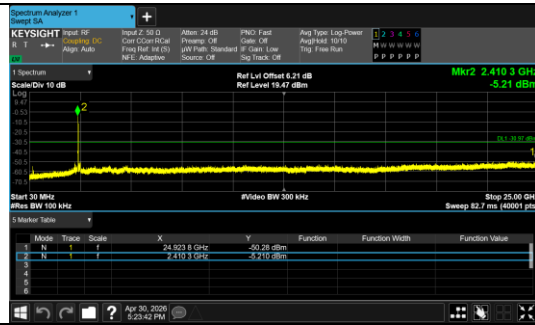


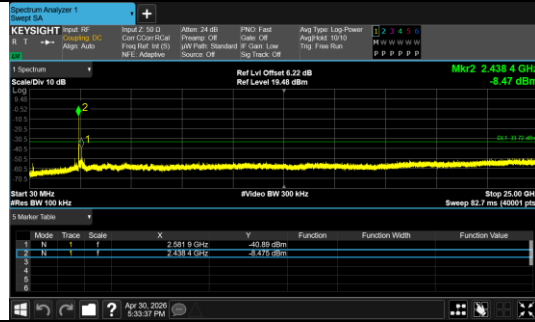
In-Band Reference Level
IEEE 802.11n Channel 1 20MHz Antenna 0

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

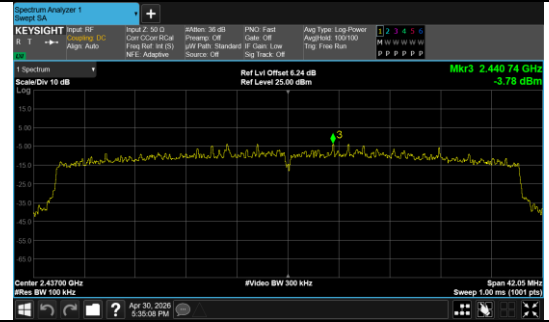




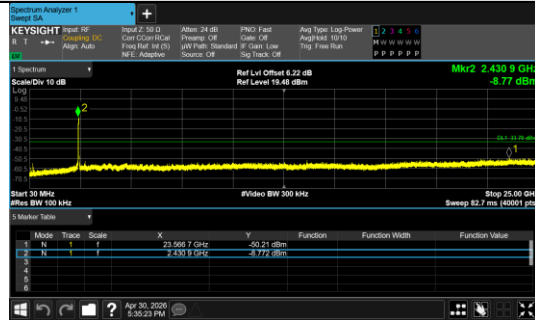




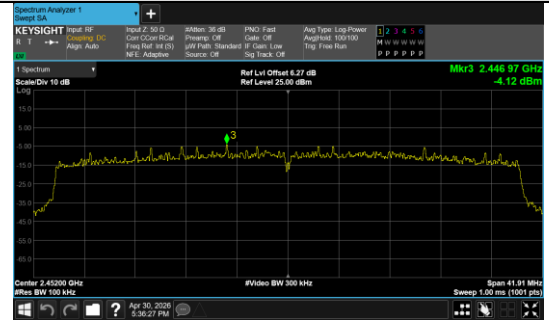
30.0 MHz - 25000.0 MHz
 IEEE 802.11ax_Channel 3_40MHz_Antenna 0_RU&Index SU



In-Band Reference Level
 IEEE 802.11ax_Channel 6_40MHz_Antenna 0_RU&Index SU



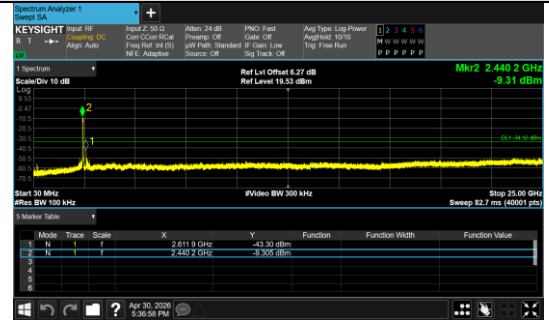
30.0 MHz - 25000.0 MHz
 IEEE 802.11ax_Channel 6_40MHz_Antenna 0_RU&Index SU



In-Band Reference Level
 IEEE 802.11ax_Channel 9_40MHz_Antenna 0_RU&Index SU



Out Of Band Emission
 IEEE 802.11ax_Channel 9_40MHz_Antenna 0_RU&Index SU



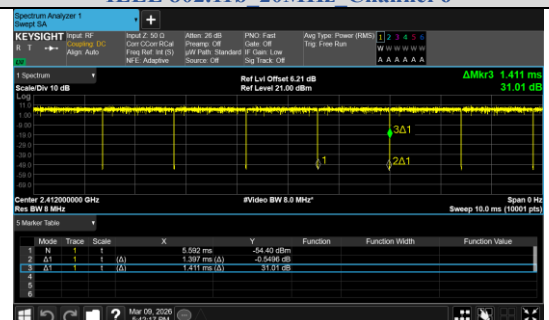
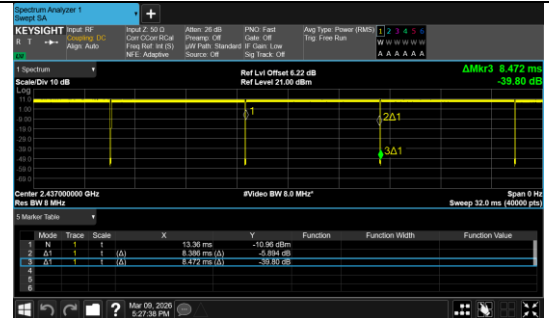
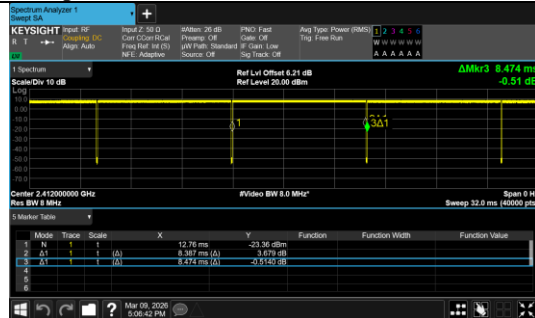
30.0 MHz - 25000.0 MHz
 IEEE 802.11ax_Channel 9_40MHz_Antenna 0_RU&Index SU

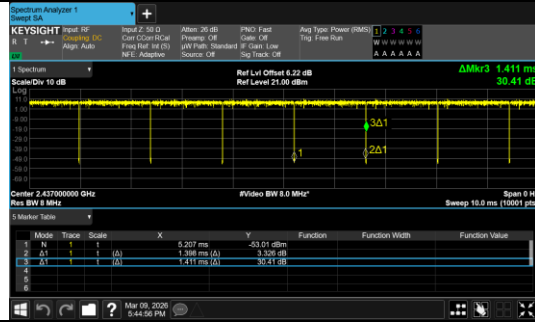
8.5 DUTY CYCLE

Test Result

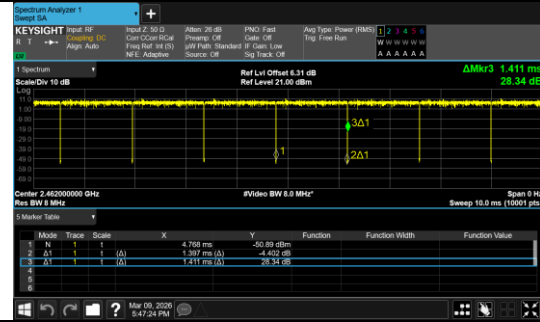
Mode	Data rates	Channel	RU & Index	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T		
IEEE 802.11b	1	1	N/A	1	8.387	8.474	98.98	0.9898	0.0445	0.1192		
		6			8.386	8.472	98.99	0.9899	0.0441	0.1192		
		11			8.387	8.473	98.99	0.9899	0.0441	0.1192		
IEEE 802.11g	6	1			1.397	1.411	99.01	0.9901	0.0432	0.7158		
		6			1.398	1.411	99.08	0.9908	0.0401	0.7153		
		11			1.397	1.411	99.01	0.9901	0.0432	0.7158		
IEEE 802.11n_20	MCS 0	1			0.166	0.169	98.30	0.9830	0.0745	6.0241		
		6			0.166	0.169	98.29	0.9829	0.0749	6.0241		
		11			0.166	0.169	98.29	0.9829	0.0749	6.0241		
IEEE 802.11n_40					3	0.102	0.104	97.85	0.9785	0.0944	9.8039	
					6	0.102	0.104	97.85	0.9785	0.0944	9.8039	
					9	0.102	0.104	97.85	0.9785	0.0944	9.8039	
IEEE 802.11ax_20					1	0.161	0.164	98.24	0.9824	0.0771	6.2112	
					6	0.162	0.165	98.34	0.9834	0.0727	6.1728	
					11	0.162	0.165	98.29	0.9829	0.0749	6.1728	
IEEE 802.11ax_40						3	0.162	0.165	98.29	0.9829	0.0749	6.1728
						6	0.103	0.106	97.29	0.9729	0.1193	9.7087
						9	0.103	0.106	97.26	0.9726	0.1207	9.7087

Test Graphs

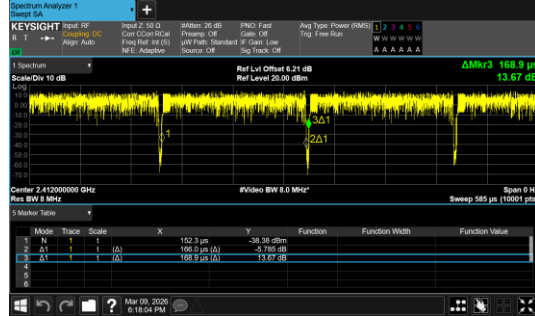




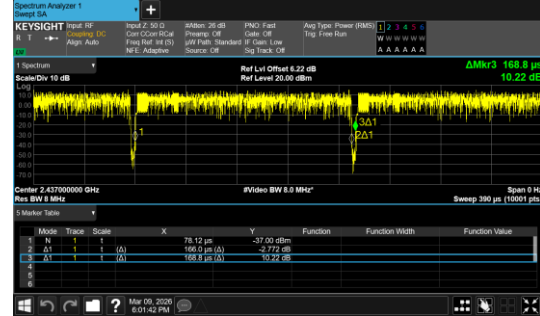
IEEE 802.11g 20MHz Channel 6



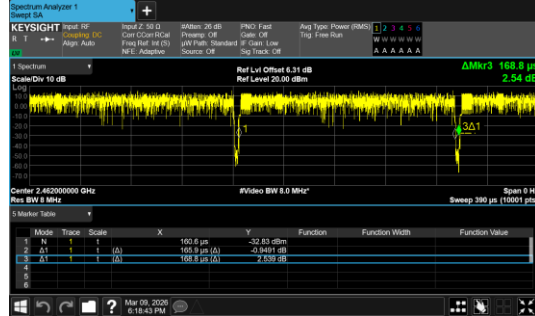
IEEE 802.11g 20MHz Channel 11



IEEE 802.11n 20MHz Channel 1



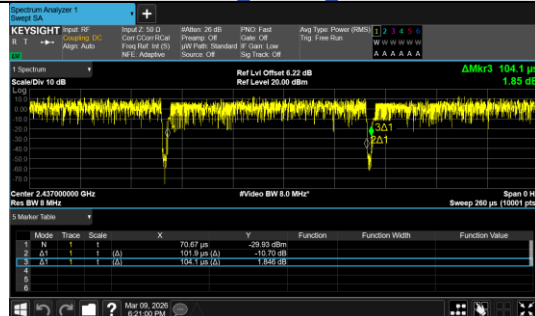
IEEE 802.11n 20MHz Channel 6



IEEE 802.11n 20MHz Channel 11



IEEE 802.11n 20MHz Channel 6



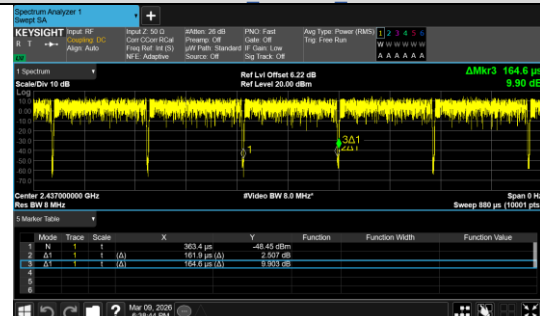
IEEE 802.11n 40MHz Channel 3



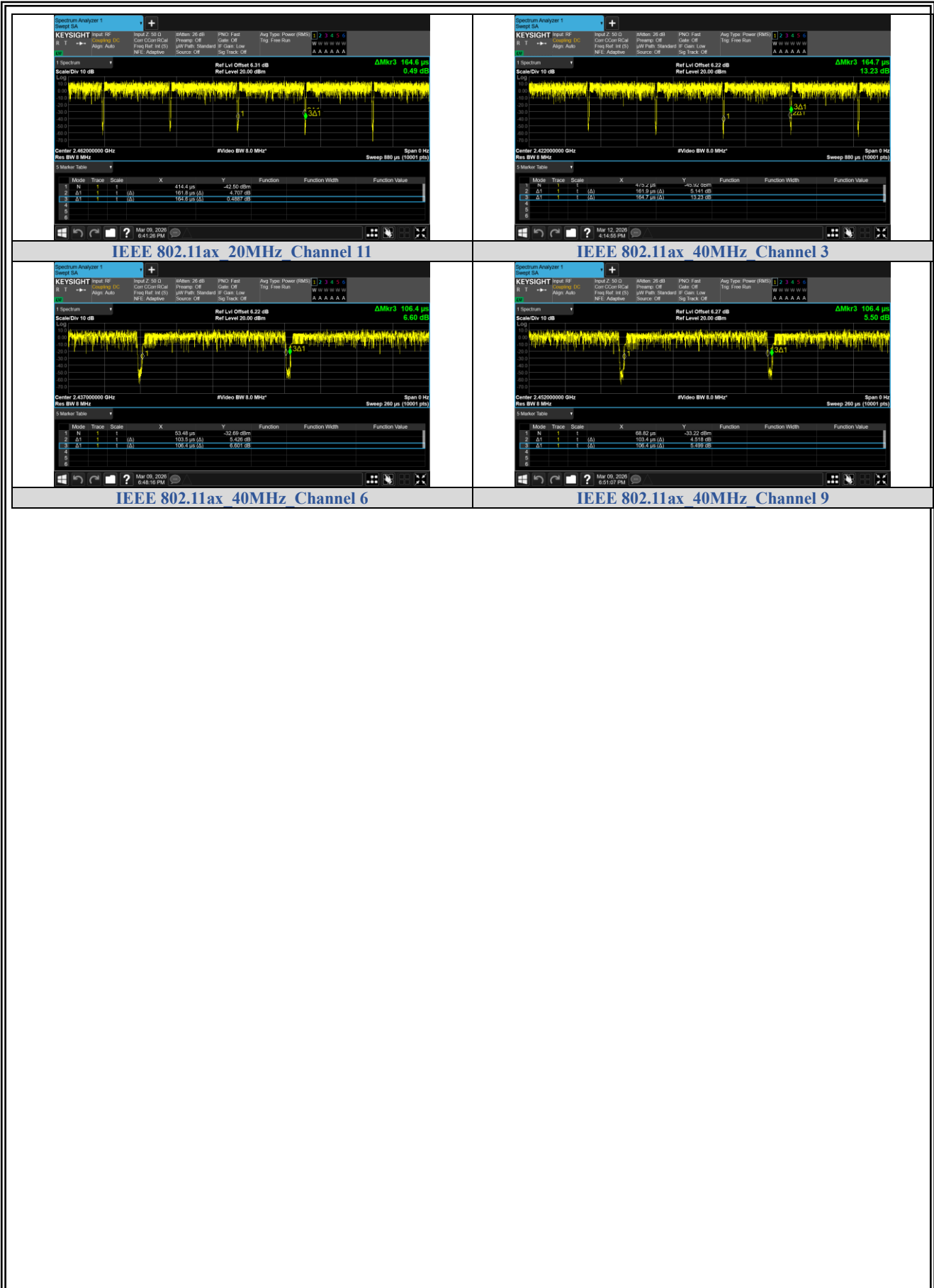
IEEE 802.11n 40MHz Channel 9



IEEE 802.11ax 20MHz Channel 6



IEEE 802.11ax 20MHz Channel 1



8.6 POWER SPECTRAL DENSITY

Test Result

Mode	Channel	RU & Index	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	N/A	-19.110	≤8	PASS
	6		-12.640		PASS
	11		-12.210		PASS
IEEE 802.11g	1		-14.670		PASS
	6		-14.210		PASS
	11		-12.660		PASS
IEEE 802.11n_20	1		-13.860		PASS
	6		-13.570		PASS
	11		-13.320		PASS
IEEE 802.11n_40	3		-13.560		PASS
	6		-12.540		PASS
	9		-12.890		PASS
IEEE 802.11ax_20	1	SU	-14.600		PASS
	6		-13.790		PASS
	11		-14.110		PASS
IEEE 802.11ax_40	3		-14.600		PASS
	6		-13.600		PASS
	9		-13.510		PASS

Test Graphs

