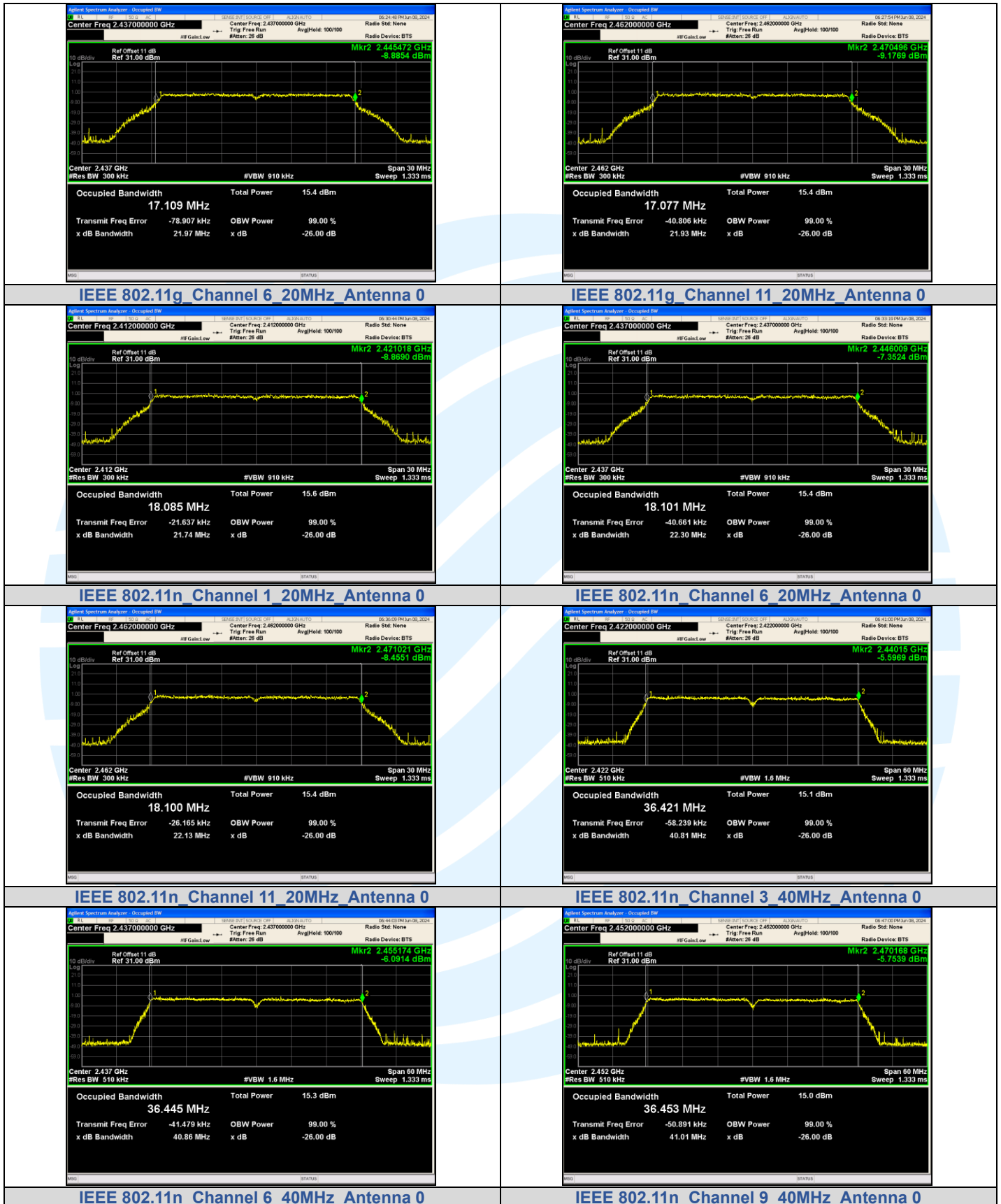
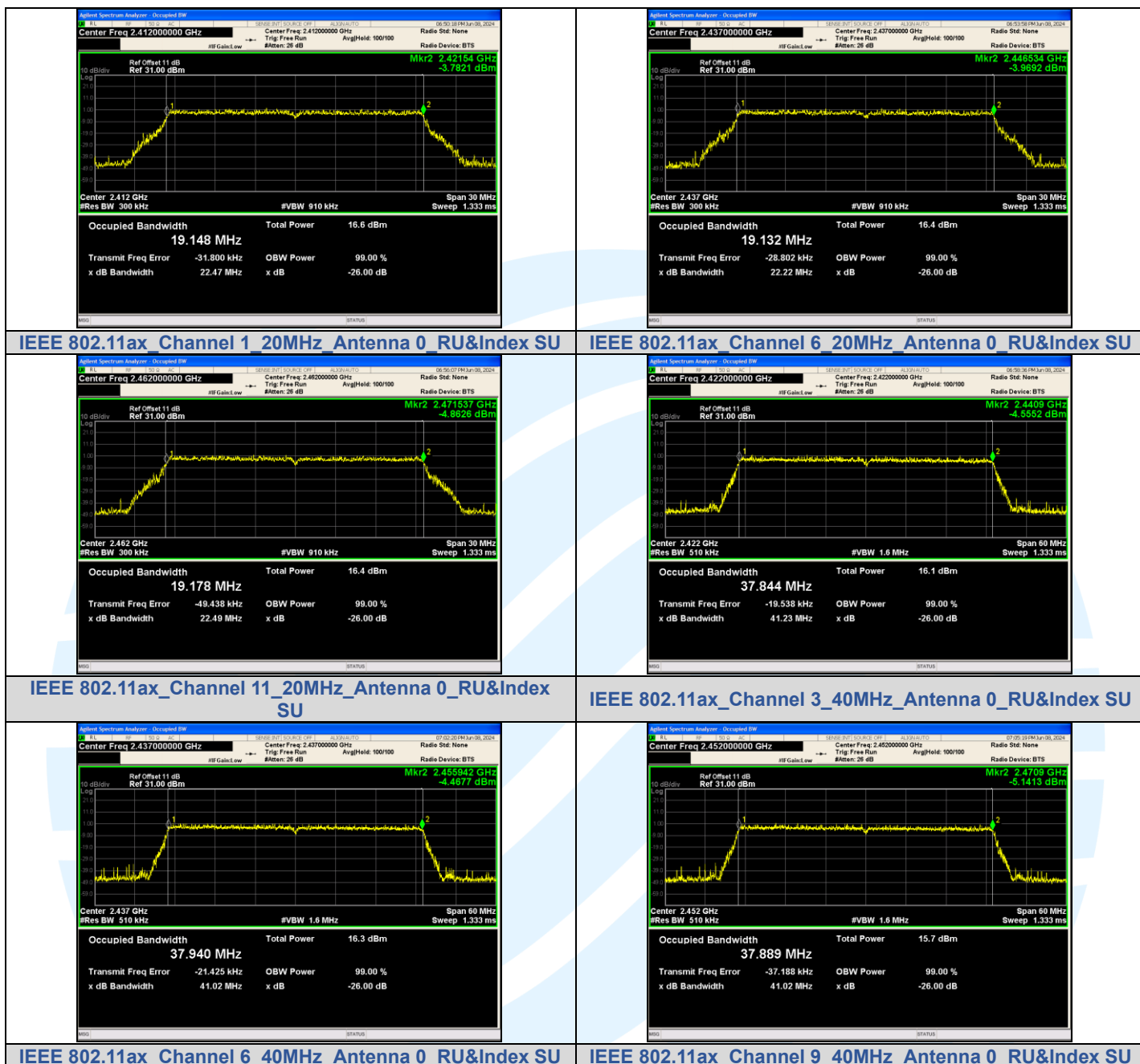


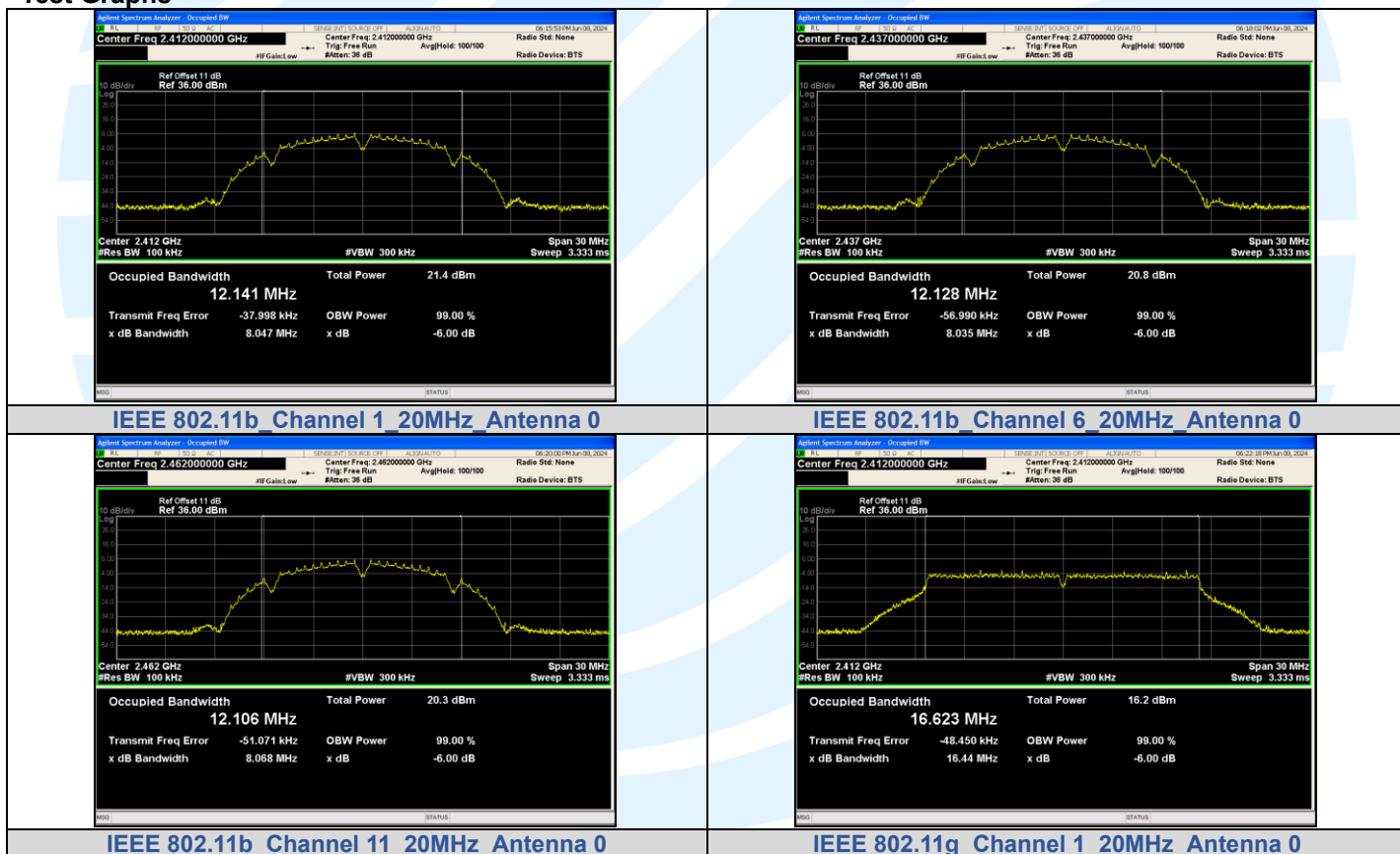


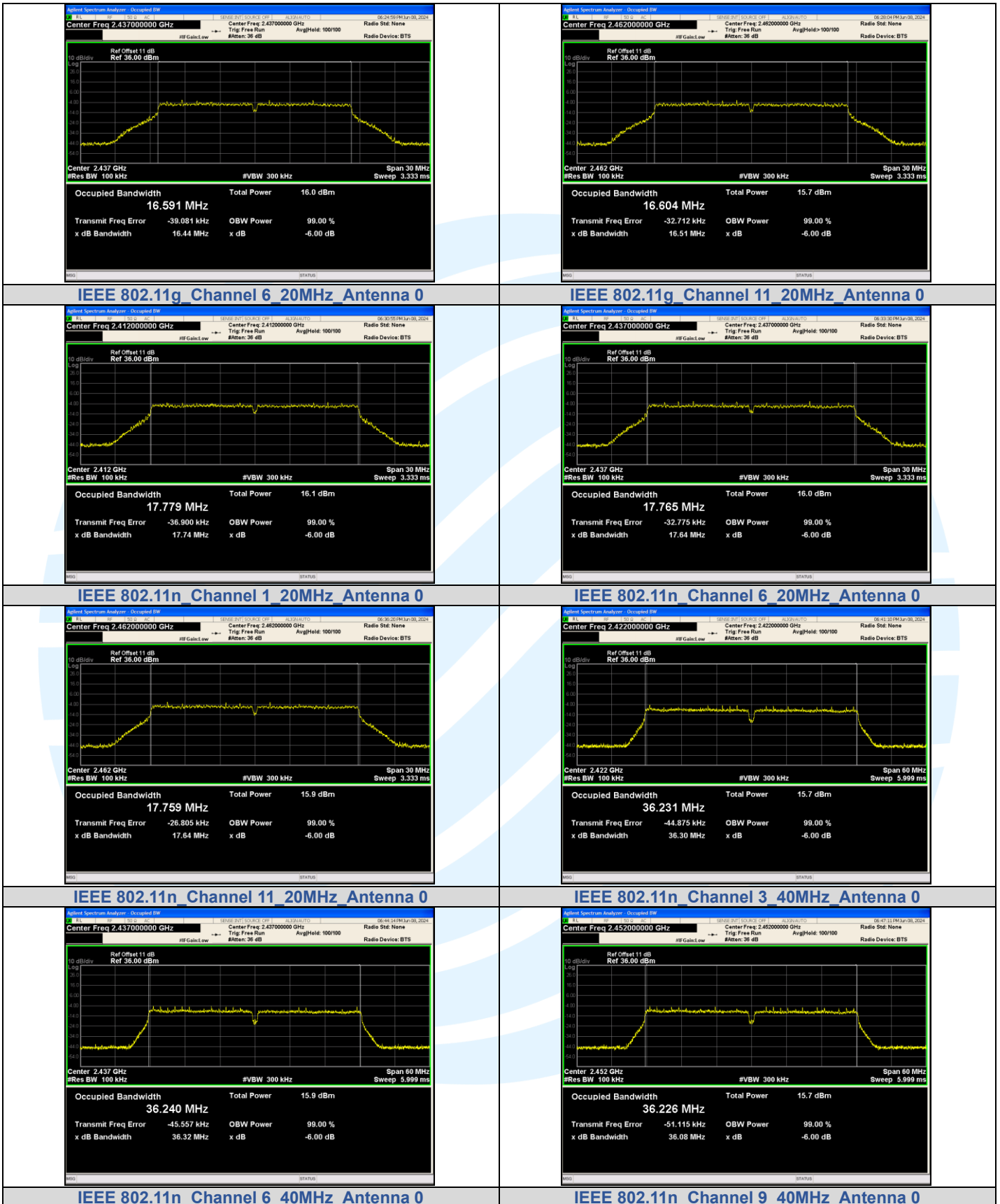


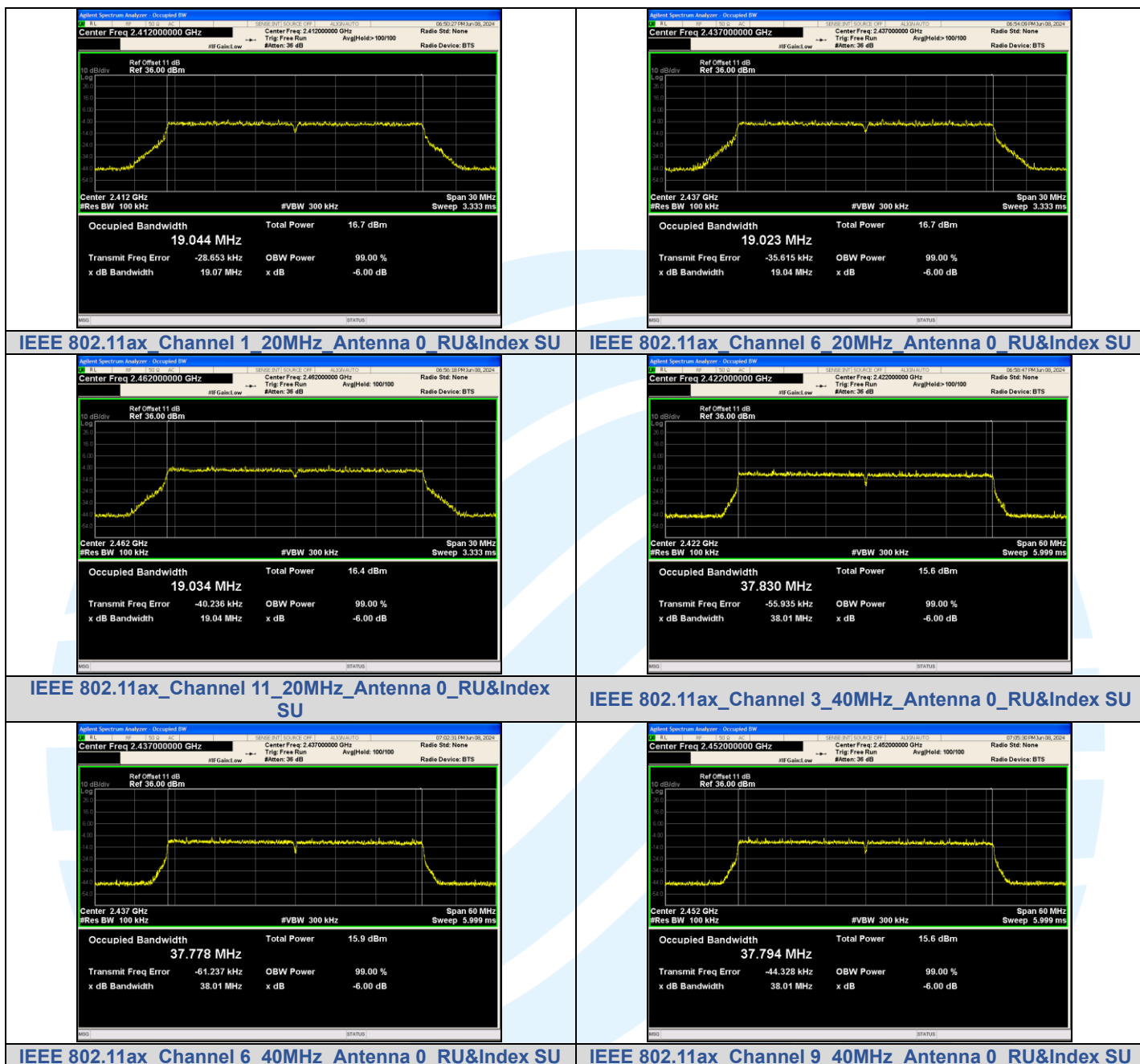
A.2 6DB BANDWIDTH

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	N/A	0	2412	8.047	≥0.5	PASS
	6			2437	8.035		PASS
	11			2462	8.068		PASS
IEEE 802.11g	1			2412	16.44		PASS
	6			2437	16.44		PASS
	11			2462	16.51		PASS
IEEE 802.11n_20	1			2412	17.74		PASS
	6			2437	17.64		PASS
	11			2462	17.64		PASS
IEEE 802.11n_40	3			2422	36.30		PASS
	6			2437	36.32		PASS
	9			2452	36.08		PASS
IEEE 802.11ax_20	1	SU	0	2412	19.07	≥0.5	PASS
	6			2437	19.04		PASS
	11			2462	19.04		PASS
IEEE 802.11ax_40	3			2422	38.01		PASS
	6			2437	38.01		PASS
	9			2452	38.01		PASS

Test Graphs



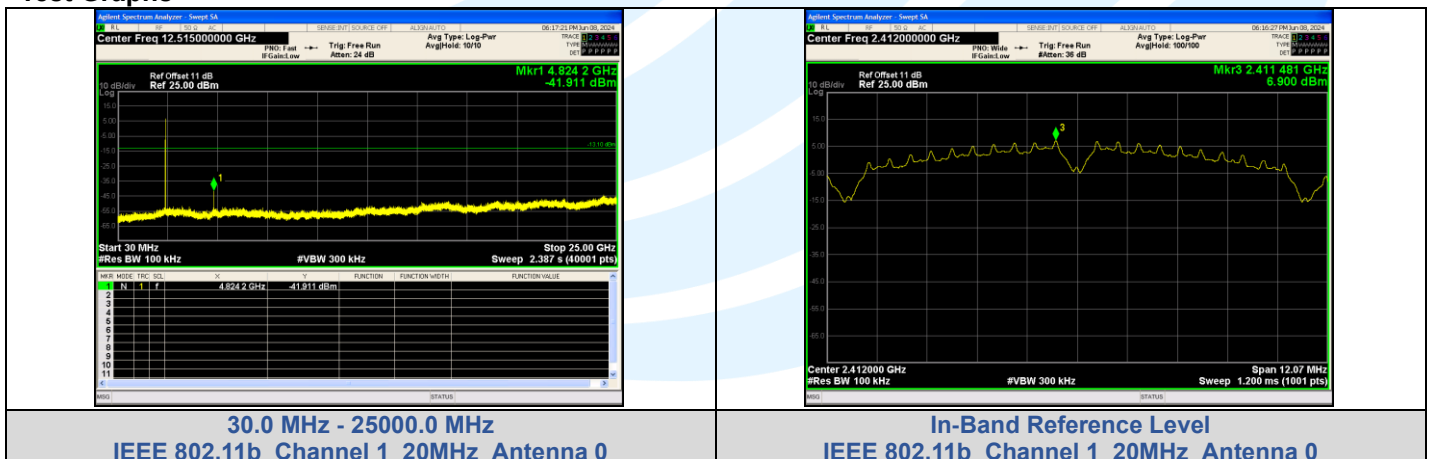


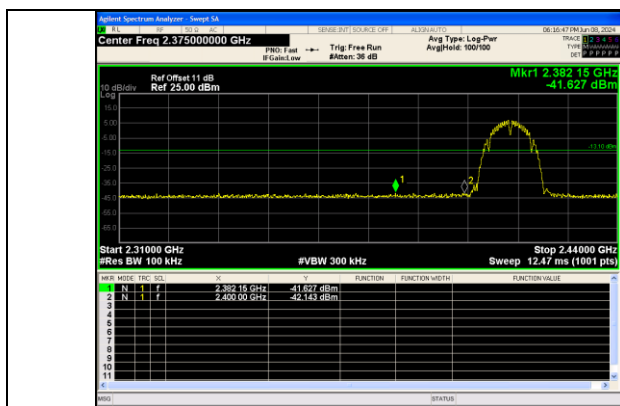


A.3 CONDUCTED OUT OF BAND EMISSION

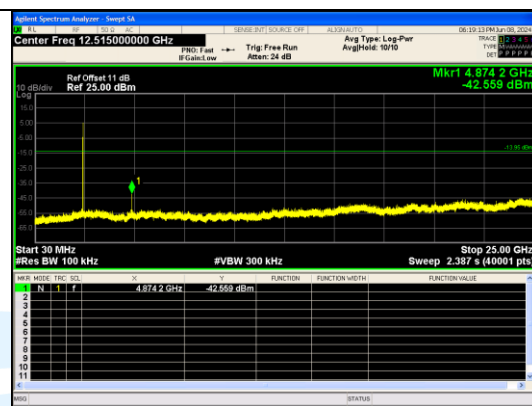
Mode	Channel	RU & Index	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	
IEEE 802.11b	1	N/A	0	2382.15	-41.627	-13.1	-28.527	PASS	
				2400.00	-42.143	-13.1	-29.043	PASS	
	4824.20			-41.911	-13.1	-28.811	PASS		
	6			4874.18	-42.559	-13.95	-28.609	PASS	
	11			2483.50	-43.633	-14.44	-29.193	PASS	
4924.12	-42.521			-14.44	-28.081	PASS			
IEEE 802.11g	1			2400.00	-38.644	-21.19	-17.454	PASS	
	6			24274.6	-44.447	-21.19	-23.257	PASS	
				24379.5	-44.651	-21.74	-22.911	PASS	
				11	2483.50	-44.033	-21.76	-22.273	PASS
IEEE 802.11n_20	6			24389.5	-44.526	-21.76	-22.766	PASS	
				1	2400.00	-39.839	-21.23	-18.609	PASS
				11	24325.2	-44.841	-21.23	-23.611	PASS
					24948.8	-44.147	-21.77	-22.377	PASS
	IEEE 802.11n_40			3	2483.50	-44.117	-21.6	-22.517	PASS
6		24461.9	-44.150		-21.6	-22.550	PASS		
		2397.49	-40.307		-24.06	-16.247	PASS		
9		2400.00	-41.565	-24.06	-17.505	PASS			
		24429.4	-44.073	-24.06	-20.013	PASS			
		24287.7	-44.377	-24.2	-20.177	PASS			
		2483.50	-43.413	-24.42	-18.993	PASS			
IEEE 802.11ax_20	1	24937.6	-44.815	-24.42	-20.395	PASS			
		6	2400.00	-38.860	-21.94	-16.920	PASS		
			24445.7	-44.570	-21.94	-22.630	PASS		
			24934.5	-43.828	-21.52	-22.308	PASS		
	IEEE 802.11ax_40	11	2483.50	-43.245	-22.09	-21.155	PASS		
24402.0			-44.197	-22.09	-22.107	PASS			
3		2335.09	-41.432	-24.65	-16.782	PASS			
		2400.00	-42.124	-24.65	-17.474	PASS			
		24332.7	-43.240	-24.65	-18.590	PASS			
		6	24771.5	-43.265	-24.46	-18.805	PASS		
9	2483.50	-41.469	-25.2	-16.269	PASS				
	24267.1	-43.406	-25.2	-18.206	PASS				

Test Graphs

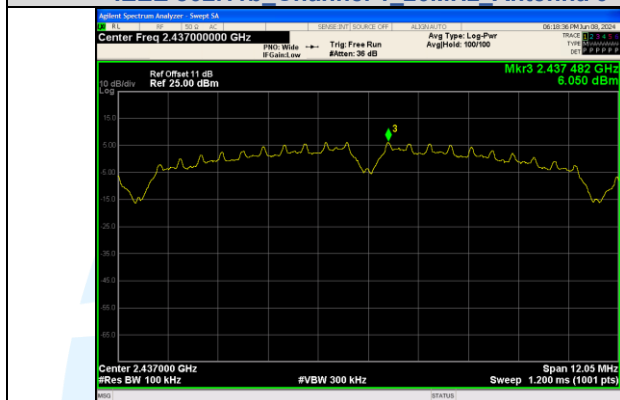




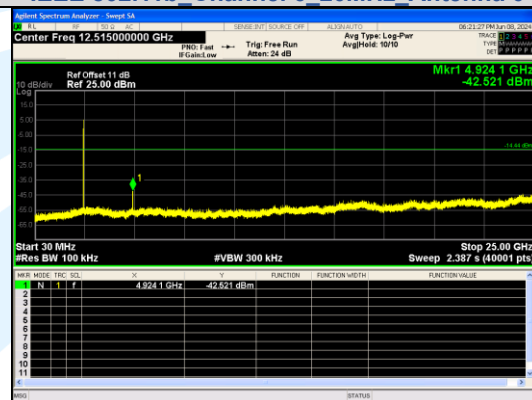
Out Of Band Emission
IEEE 802.11b Channel 1 20MHz Antenna 0



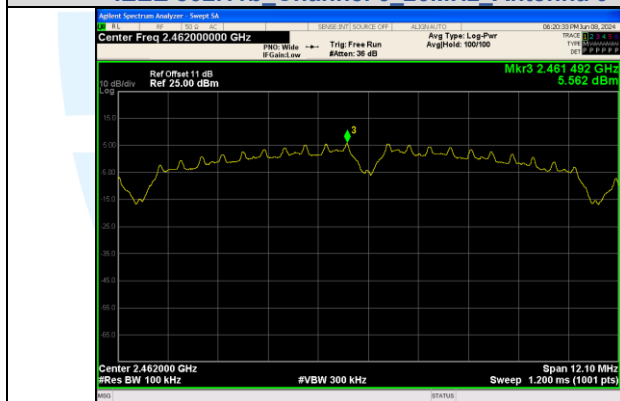
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IEEE 802.11b Channel 6 20MHz Antenna 0



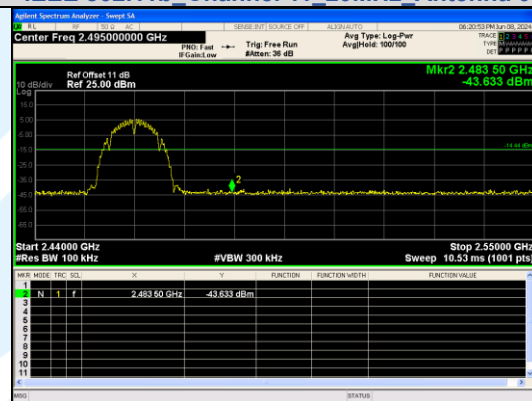
In-Band Reference Level
IEEE 802.11b Channel 6 20MHz Antenna 0



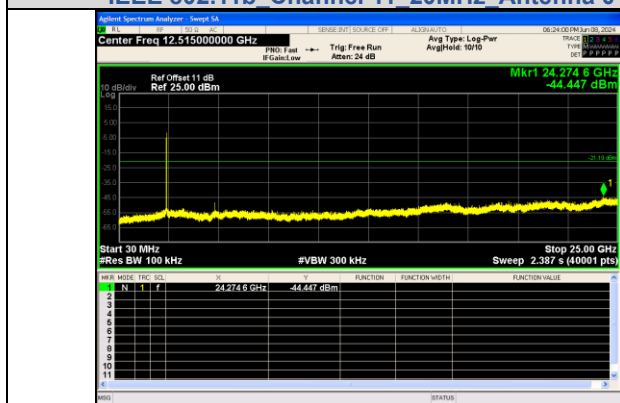
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IEEE 802.11b Channel 11 20MHz Antenna 0



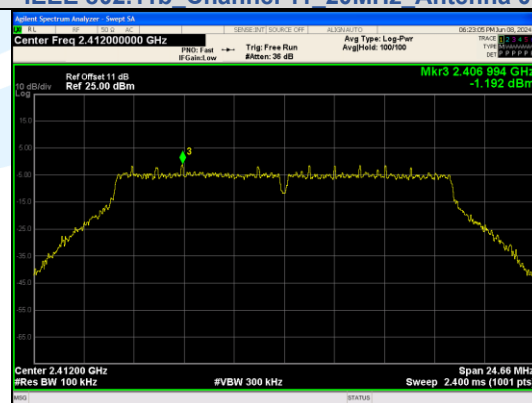
In-Band Reference Level
IEEE 802.11b Channel 11 20MHz Antenna 0



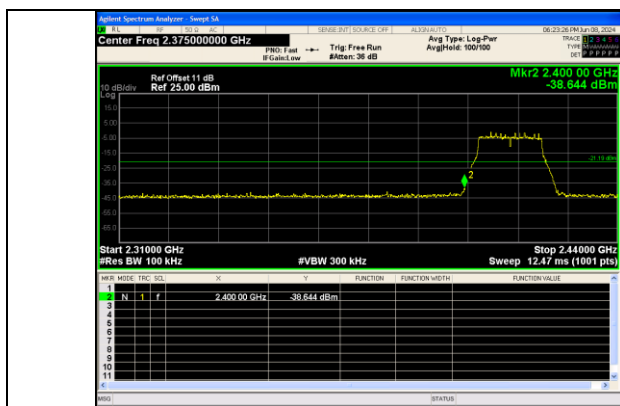
Out Of Band Emission
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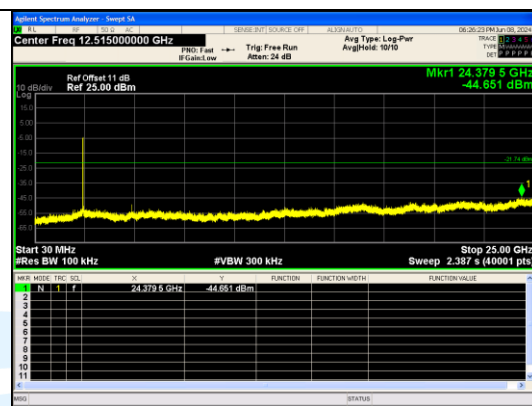
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IEEE 802.11g Channel 1 20MHz Antenna 0



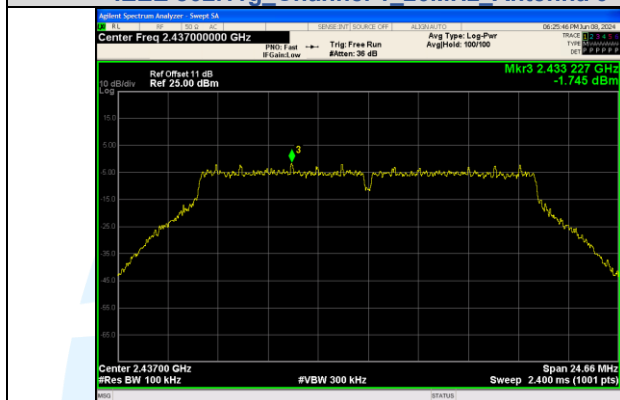
In-Band Reference Level
IEEE 802.11g Channel 1 20MHz Antenna 0



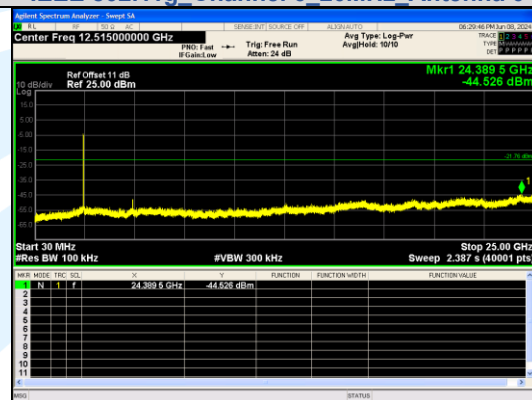
Out Of Band Emission
IEEE 802.11g Channel 1 20MHz Antenna 0



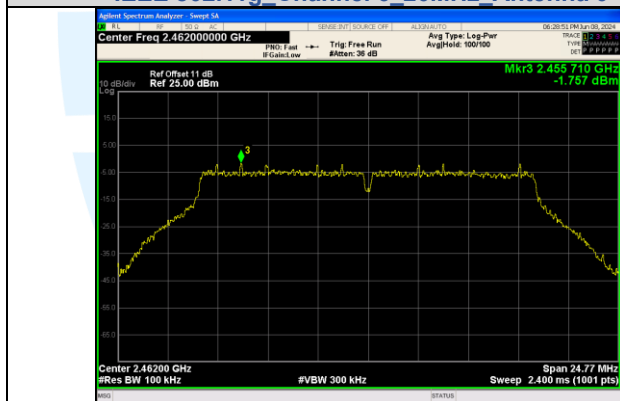
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IEEE 802.11g Channel 6 20MHz Antenna 0



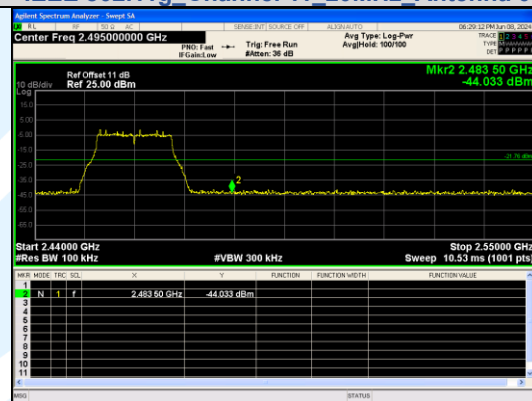
In-Band Reference Level
IEEE 802.11g Channel 6 20MHz Antenna 0



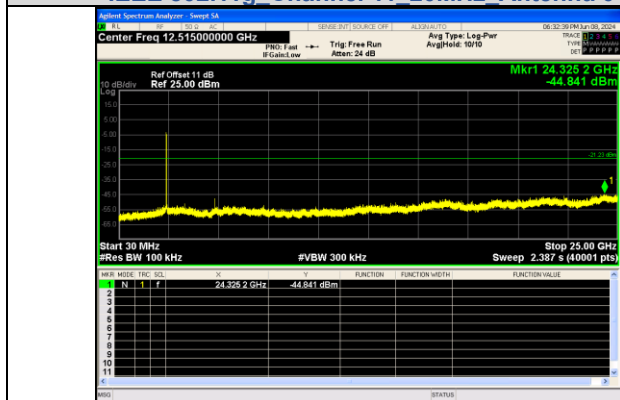
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IEEE 802.11g Channel 11 20MHz Antenna 0



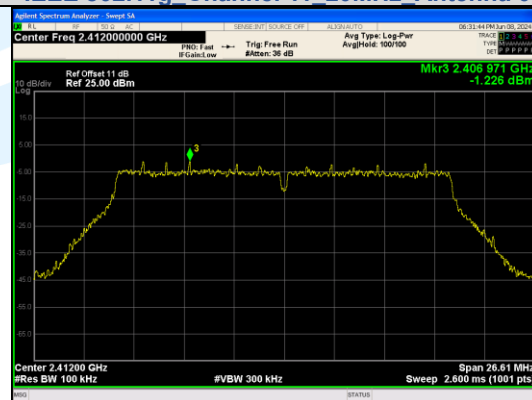
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IEEE 802.11n Channel 1 20MHz Antenna 0



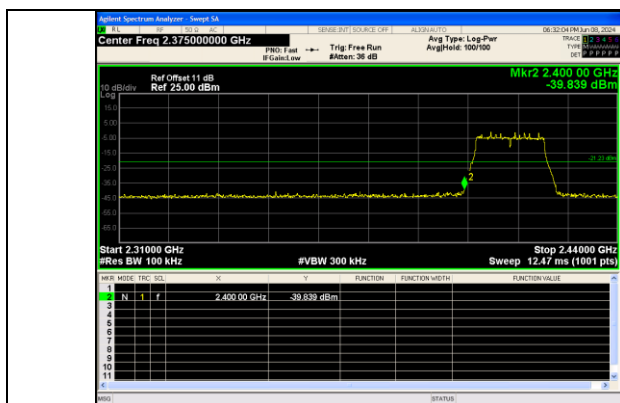
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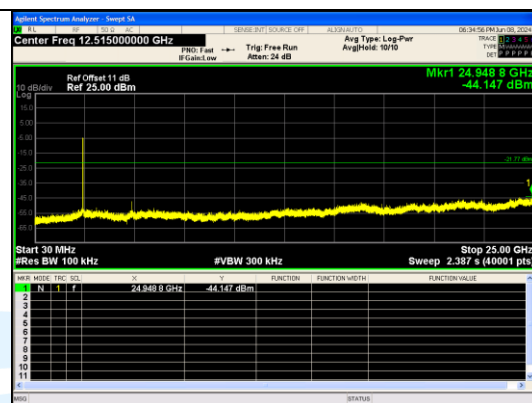
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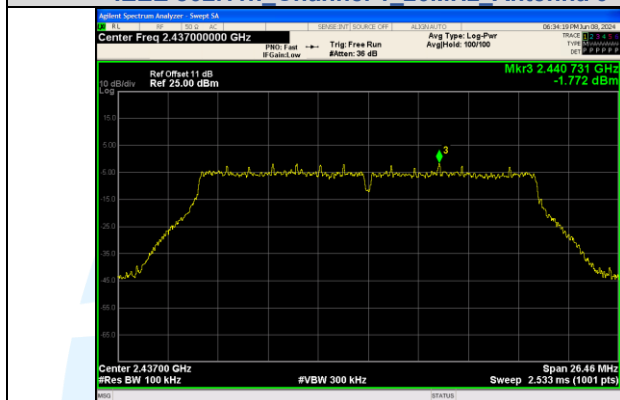
In-Band Reference Level
IEEE 802.11n Channel 1 20MHz Antenna 0



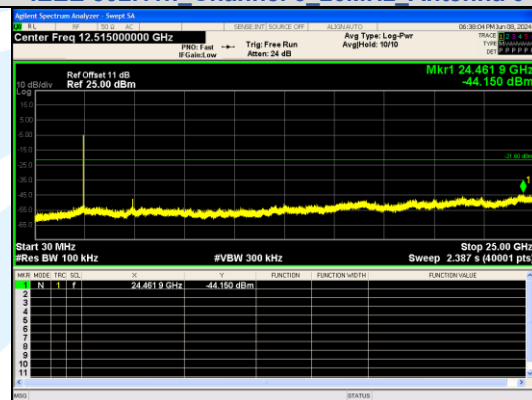
Out Of Band Emission
IEEE 802.11n Channel 1 20MHz Antenna 0



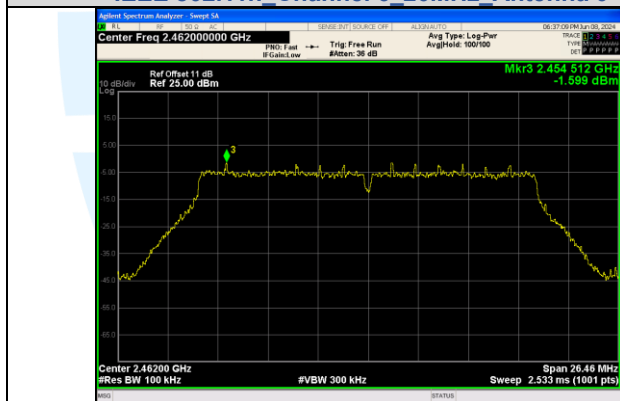
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IEEE 802.11n Channel 6 20MHz Antenna 0



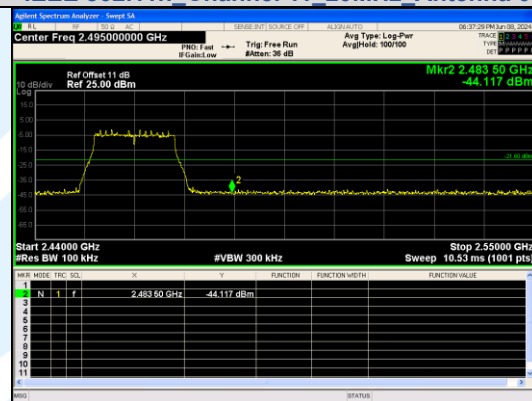
In-Band Reference Level
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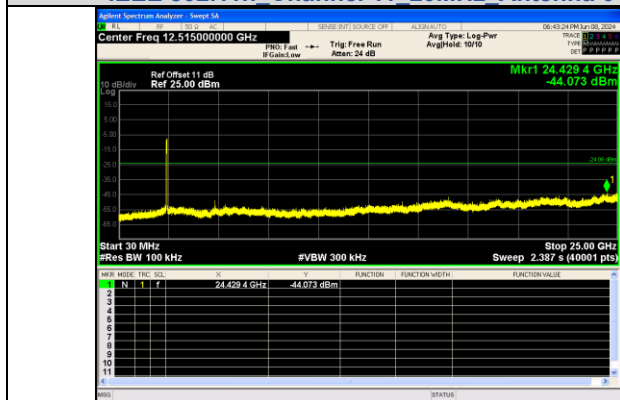
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 11 20MHz Antenna 0



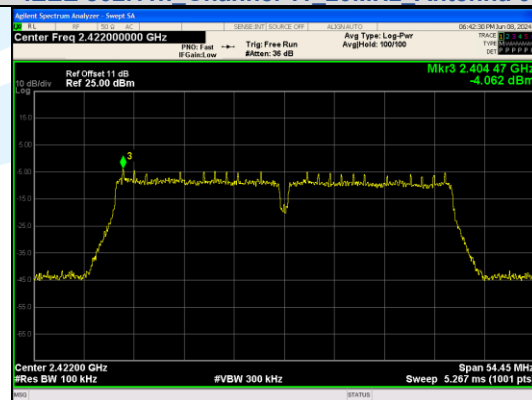
In-Band Reference Level
IEEE 802.11n Channel 11 20MHz Antenna 0



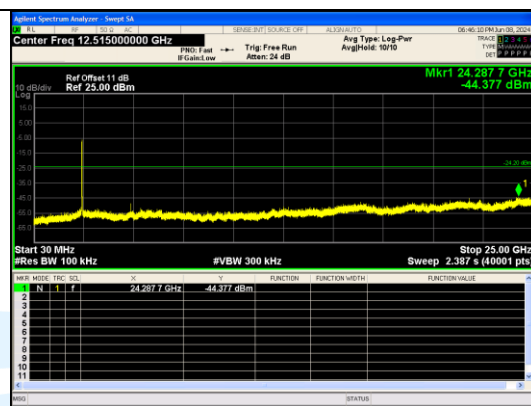
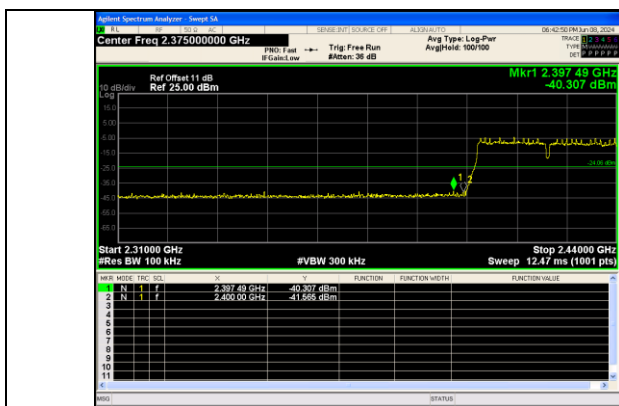
Out Of Band Emission
IEEE 802.11n Channel 11 20MHz Antenna 0



30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 3 40MHz Antenna 0

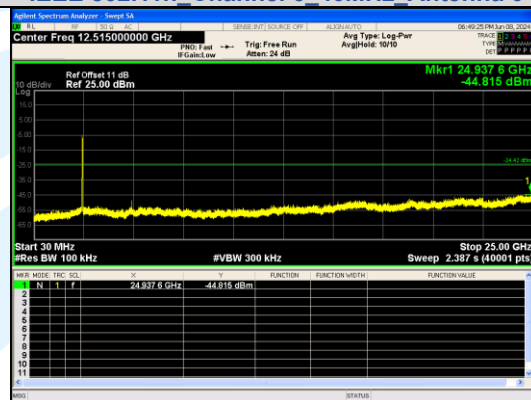
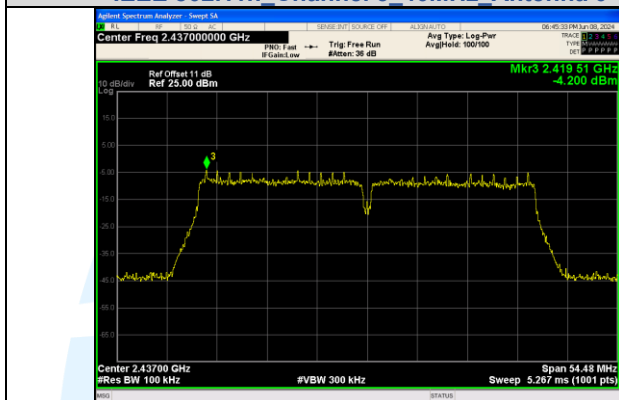


In-Band Reference Level
IEEE 802.11n Channel 3 40MHz Antenna 0



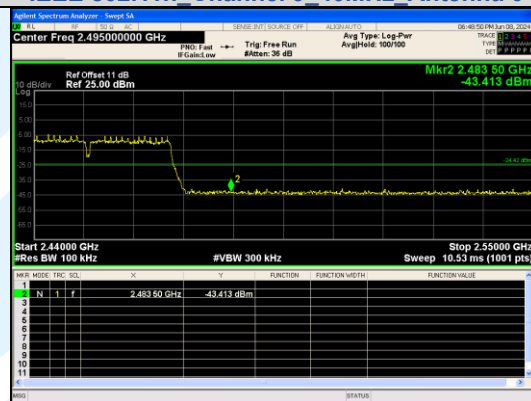
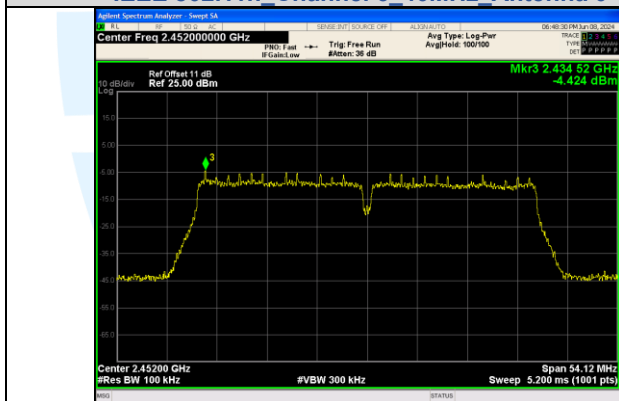
Out Of Band Emission
IEEE 802.11n Channel 3 40MHz Antenna 0

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



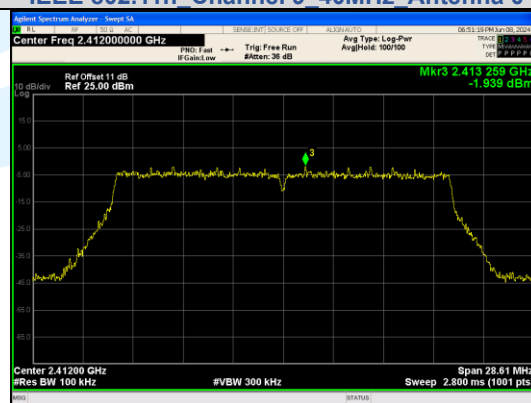
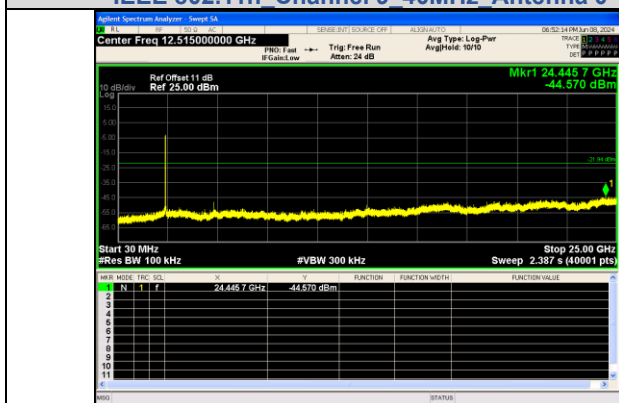
In-Band Reference Level
IEEE 802.11n Channel 6 40MHz Antenna 0

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



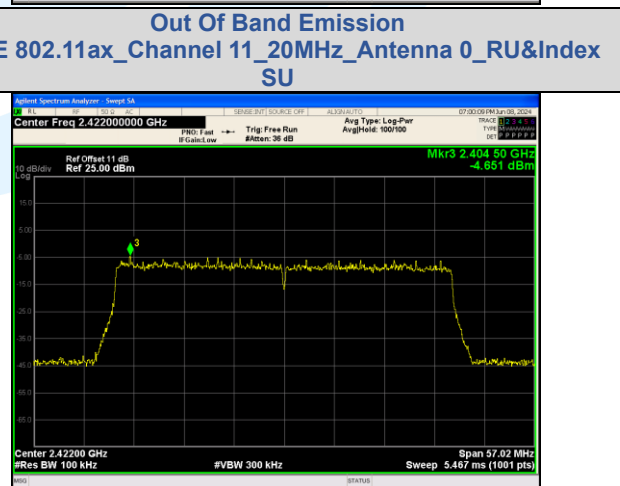
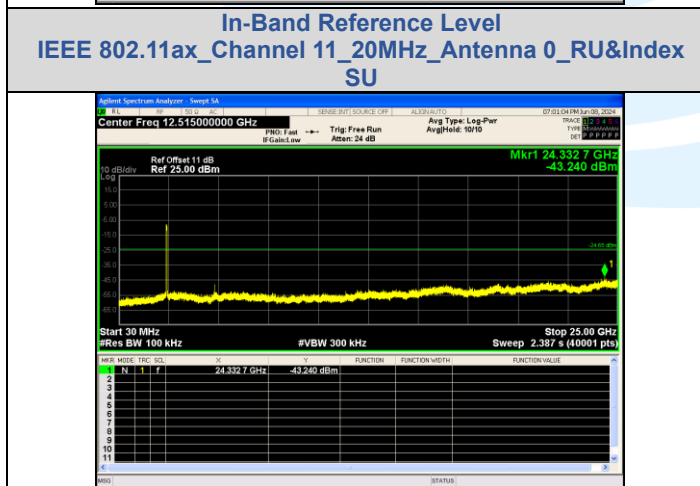
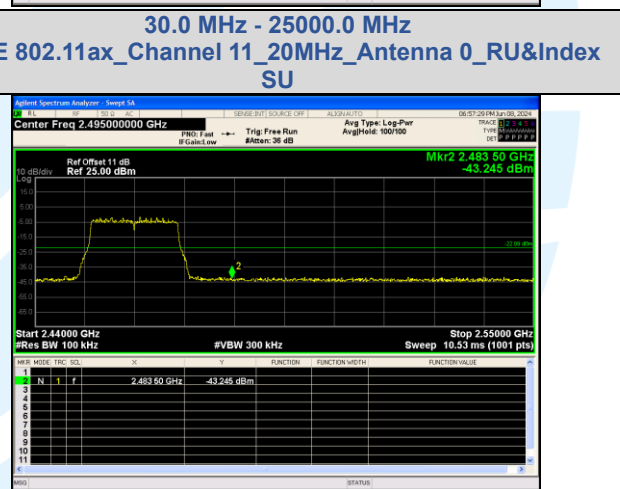
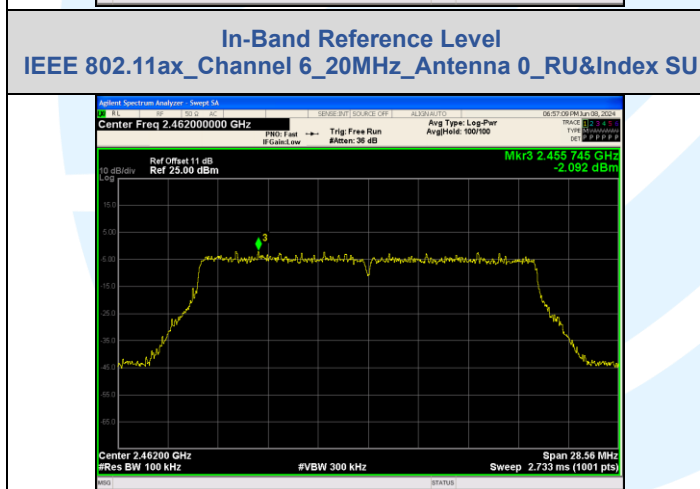
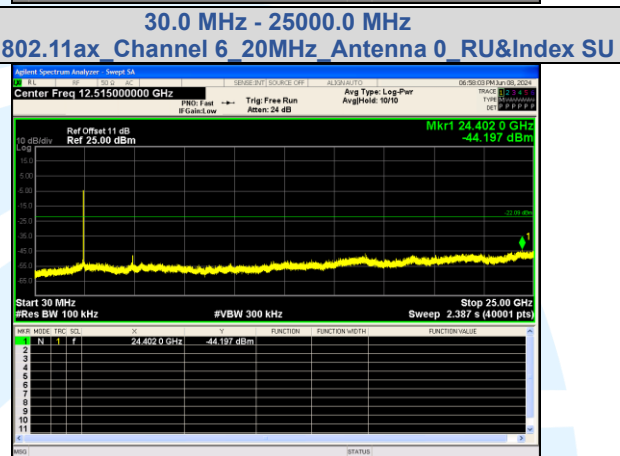
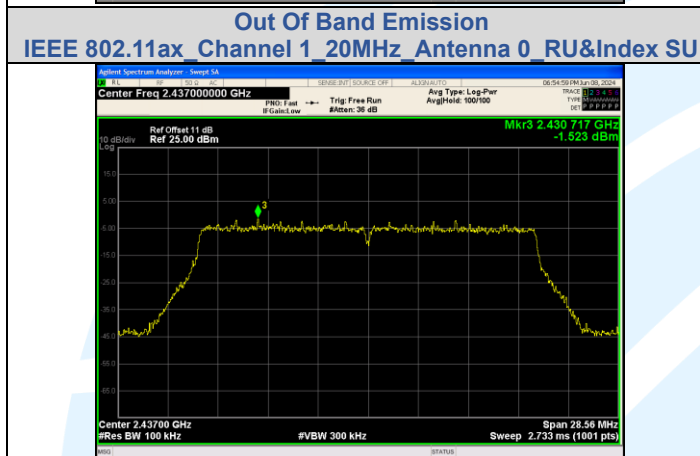
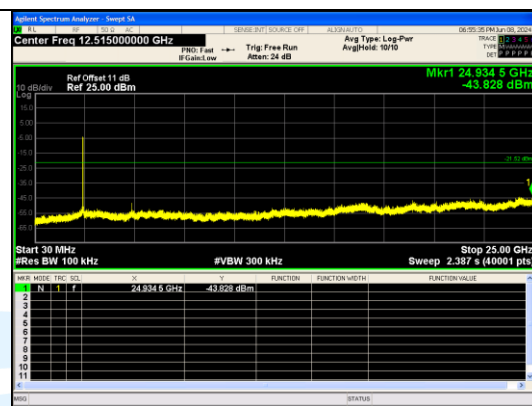
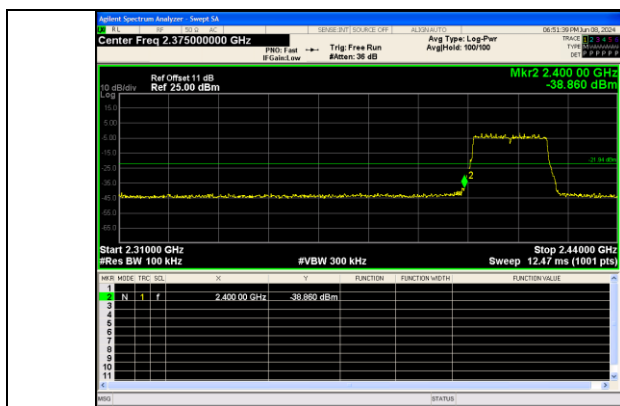
In-Band Reference Level
IEEE 802.11n Channel 9 40MHz Antenna 0

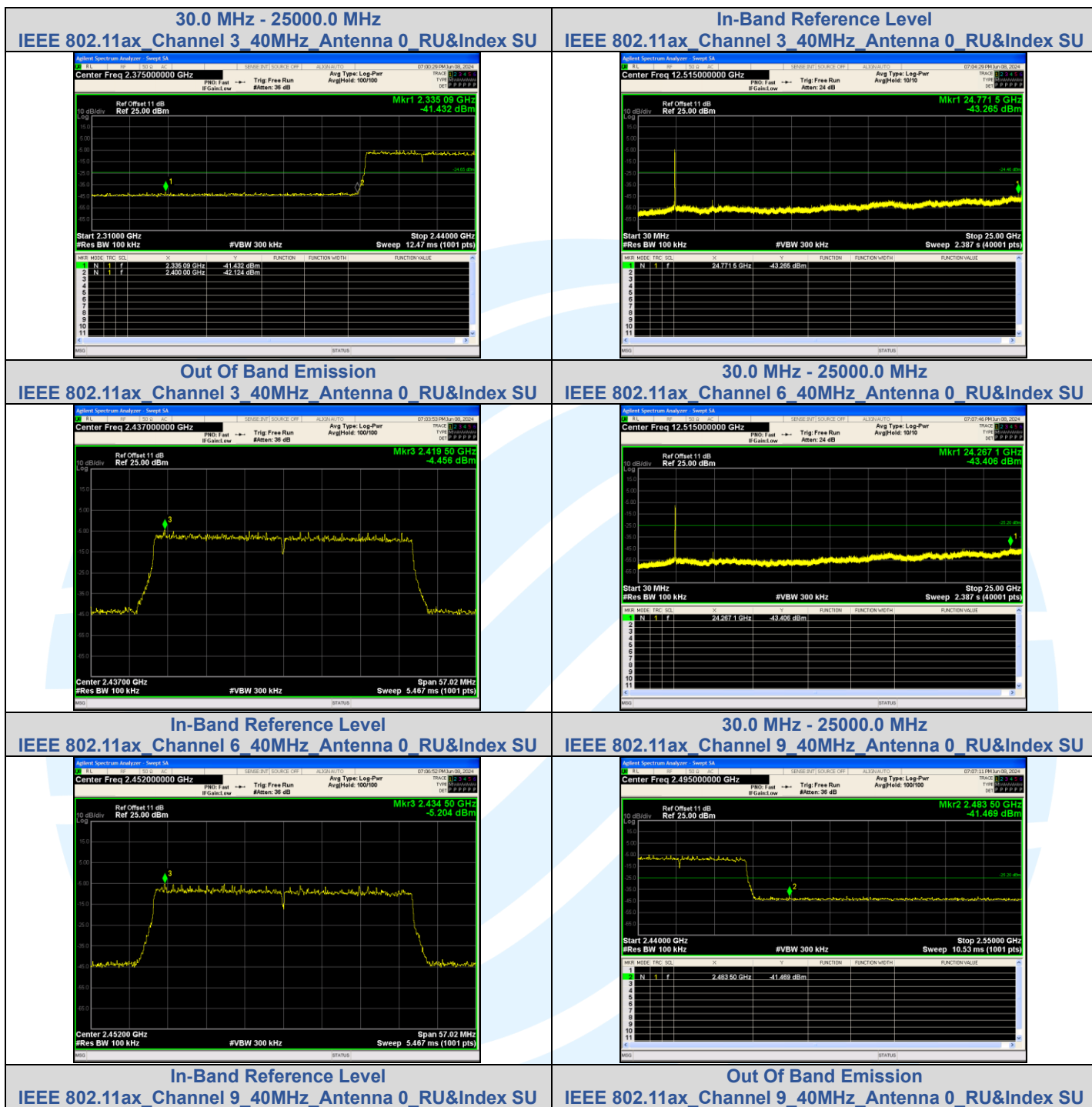
Out Of Band Emission
IEEE 802.11n Channel 9 40MHz Antenna 0



30.0 MHz - 25000.0 MHz
IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index SU

In-Band Reference Level
IEEE 802.11ax Channel 1 20MHz Antenna 0 RU&Index SU

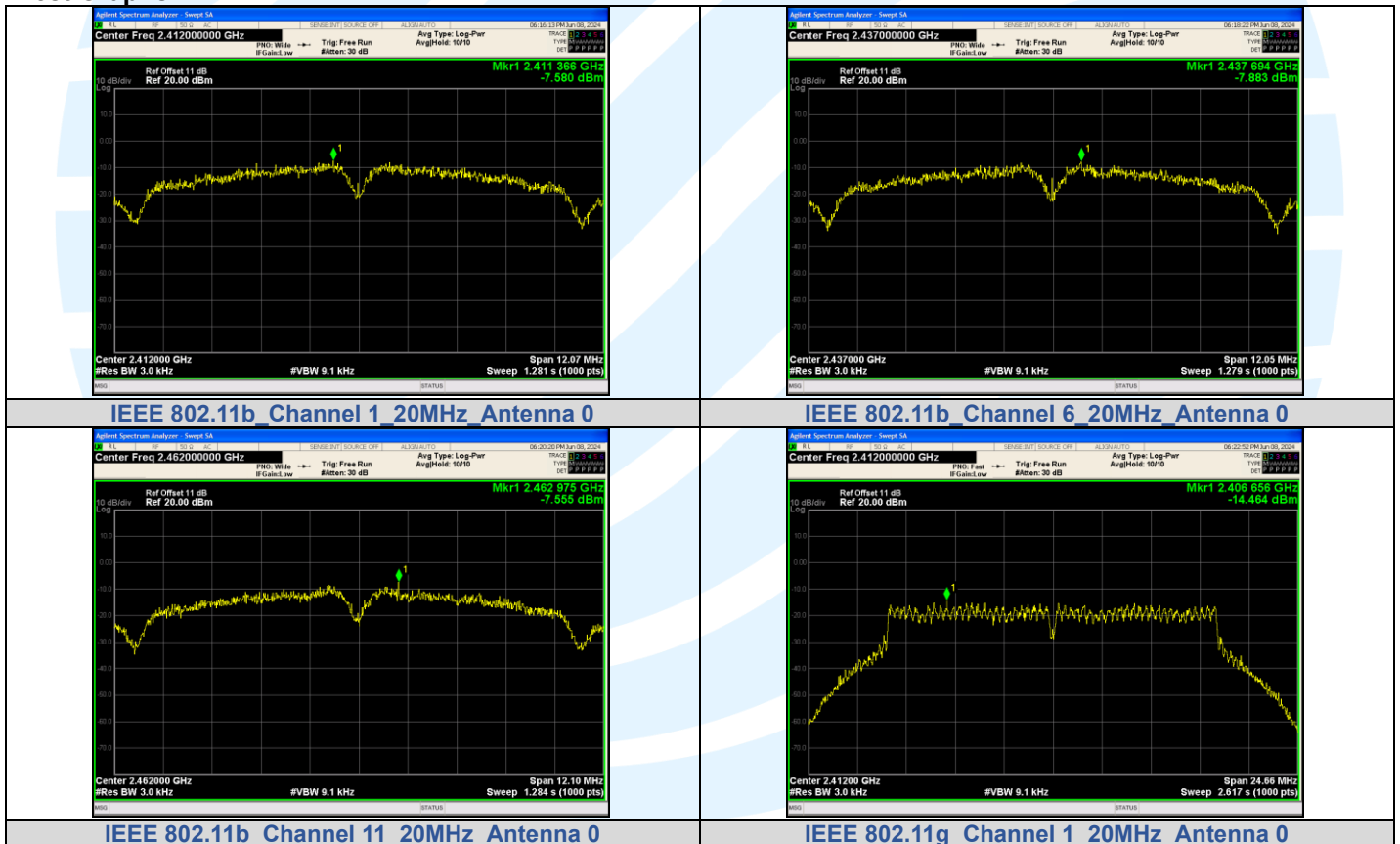


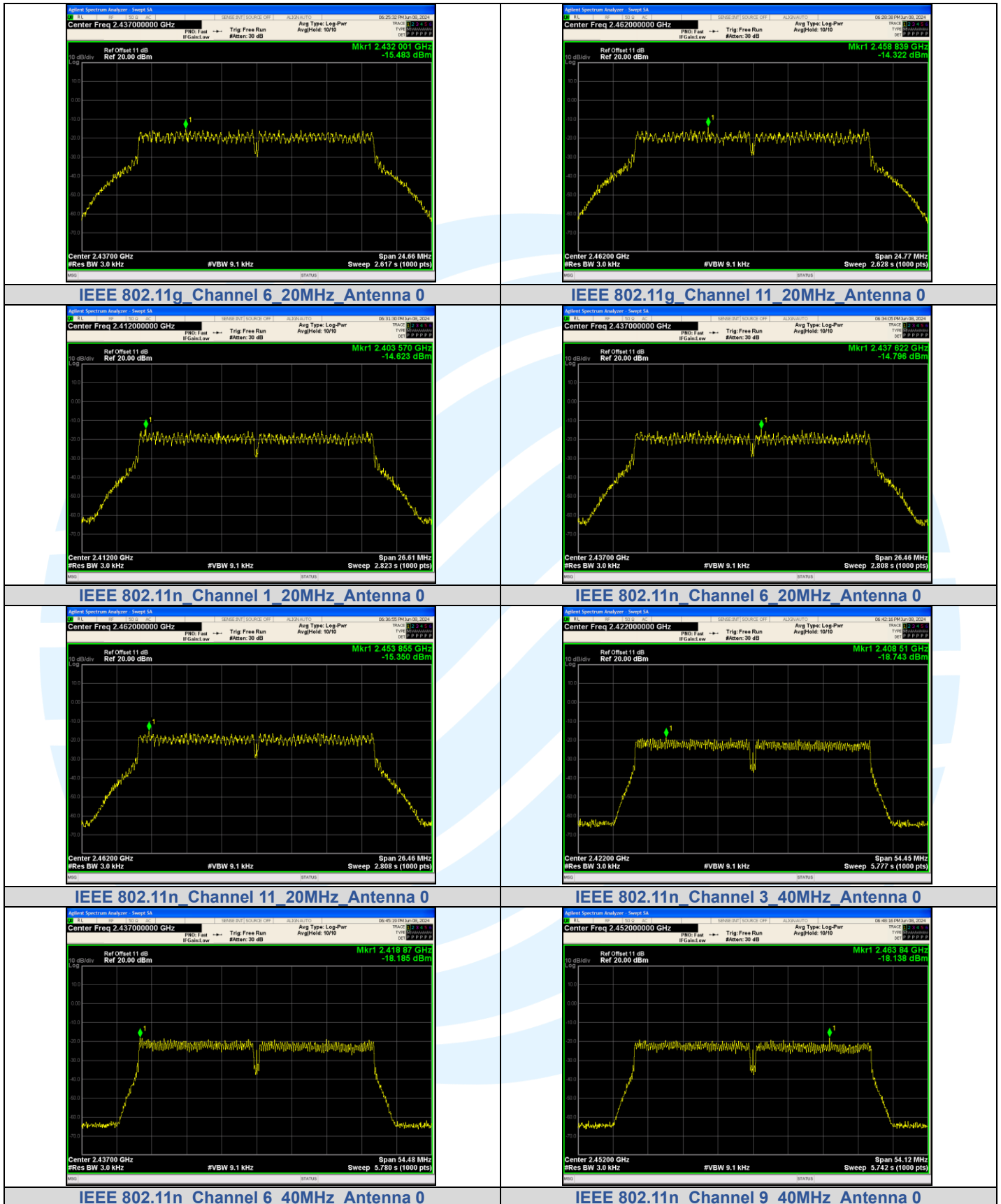


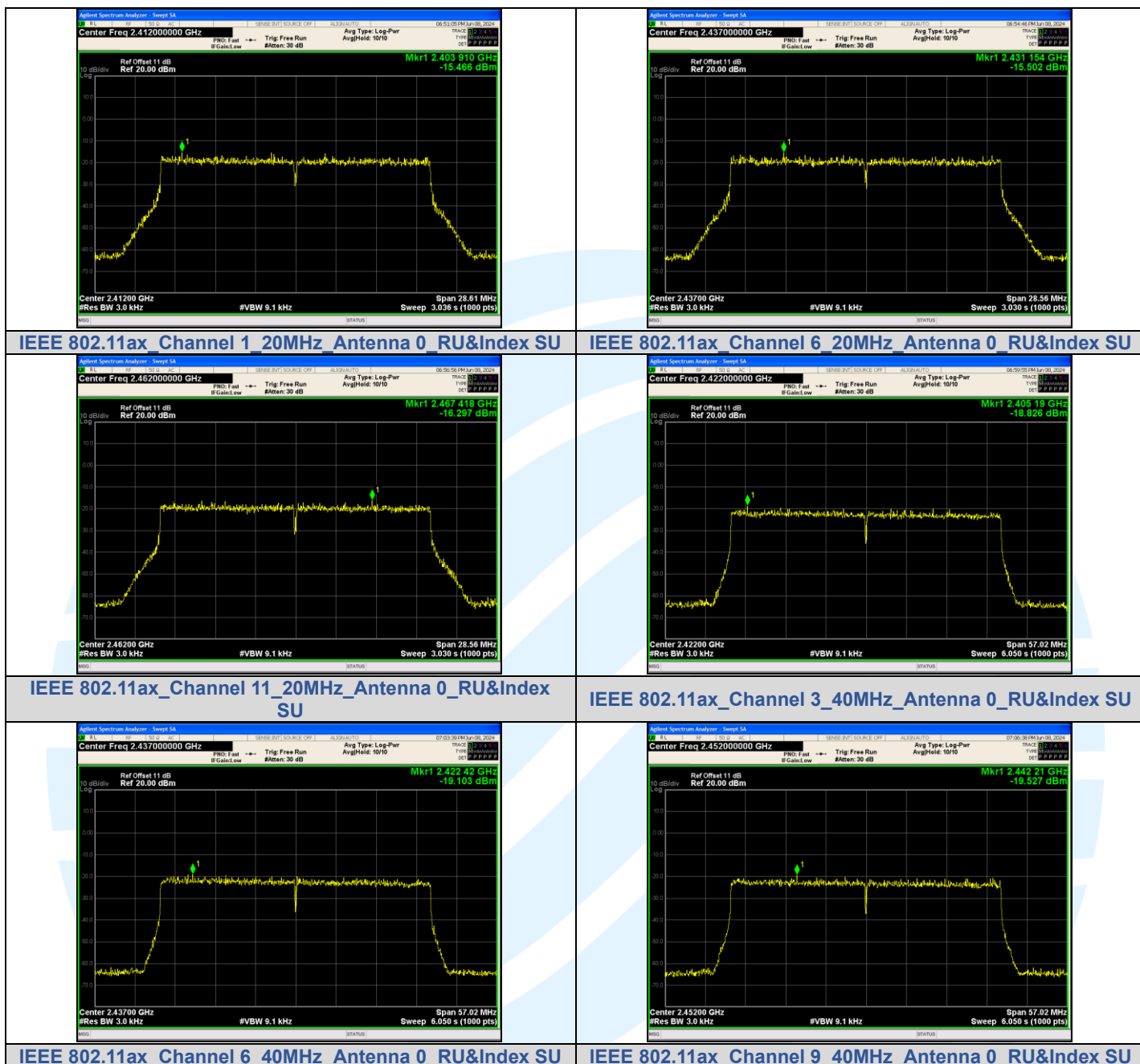
A.4 POWER SPECTRAL DENSITY

Mode	Channel	RU & Index	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	N/A	-7.580	≤8	PASS
	6		-7.883		PASS
	11		-7.555		PASS
IEEE 802.11g	1		-14.464		PASS
	6		-15.483		PASS
	11		-14.322		PASS
IEEE 802.11n_20	1		-14.623		PASS
	6		-14.796		PASS
	11		-15.350		PASS
IEEE 802.11n_40	3		-18.743		PASS
	6		-18.185		PASS
	9		-18.138		PASS
IEEE 802.11ax_20	1	SU	-15.466		PASS
	6		-15.502		PASS
	11		-16.297		PASS
IEEE 802.11ax_40	3		-18.826		PASS
	6		-19.103		PASS
	9		-19.527		PASS

Test Graphs







APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of UnionTrust, this report can't be reproduced except in full.
