

Appendix A of data

A1.Maximum Peak conducted output power

Test Result

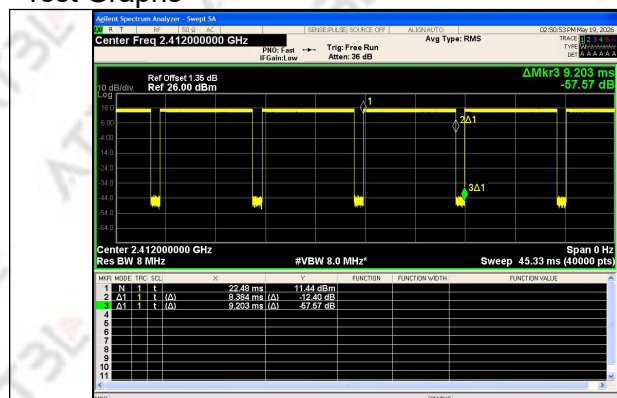
Peak conducted output power						
Mode	Channel	Antenna 0 (dBm)	Antenna 1 (dBm)	Total (Ant.0+Ant.1) (dBm)	Peak Power Limit (dBm)	Result
IEEE 802.11b	1	17.91	16.74	N/A	≤30	PASS
	6	17.31	17.25	N/A	≤30	PASS
	11	18.34	16.79	N/A	≤30	PASS
IEEE 802.11g	1	17.51	21.62	N/A	≤30	PASS
	6	17.97	16.53	N/A	≤30	PASS
	11	17.37	17.59	N/A	≤30	PASS
IEEE 802.11n_20	1	17.64	23.54	24.53	≤30	PASS
	6	18.03	20.27	22.30	≤30	PASS
	11	17.60	17.48	20.55	≤30	PASS
IEEE 802.11n_40	3	17.33	15.59	19.56	≤30	PASS
	6	17.63	16.16	19.97	≤30	PASS
	9	17.66	16.18	19.99	≤30	PASS
IEEE 802.11ax_20	1	17.36	16.61	20.01	≤30	PASS
	6	17.04	17.08	20.07	≤30	PASS
	11	17.47	16.49	20.02	≤30	PASS
IEEE 802.11ax_40	3	17.27	16.41	19.87	≤30	PASS
	6	17.98	16.91	20.49	≤30	PASS
	9	17.36	16.84	20.12	≤30	PASS

A2.Duty Cycle

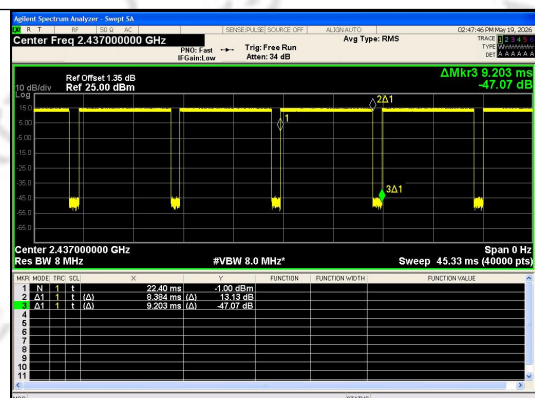
Test Result

Mode	Data rates	Channel	RU & Index	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	
IEEE 802.11b	1	1	N/A	0	8.384	9.203	91.11	0.9111	0.4043	
		6			8.384	9.203	91.11	0.9111	0.4043	
		11			8.384	9.320	89.96	0.8996	0.4595	
IEEE 802.11g	6	1			1.396	2.220	62.88	0.6288	2.0149	
		6			1.396	2.219	62.91	0.6291	2.0128	
		11			1.396	2.219	62.91	0.6291	2.0128	
IEEE 802.11n_20	MCS 0	1			1.305	1.993	65.48	0.6548	1.8389	
		6			1.305	1.992	65.51	0.6551	1.8369	
		11			1.304	1.947	66.97	0.6697	1.7412	
IEEE 802.11n_40					3	1.304	1.993	65.43	0.6543	1.8422
					6	0.649	1.444	44.94	0.4494	3.4737
					9	0.649	1.471	44.12	0.4412	3.5536
IEEE 802.11ax_20		SU	1		2.389	3.194	74.80	0.7480	1.8389	
			6		2.389	3.192	74.83	0.7483	1.8369	
			11		2.390	3.192	74.88	0.7488	1.7412	
3			2.390		3.185	75.06	0.7506	1.8422		
6			2.390		3.185	75.06	0.7506	3.4737		
9			2.390		3.185	75.06	0.7506	3.5536		

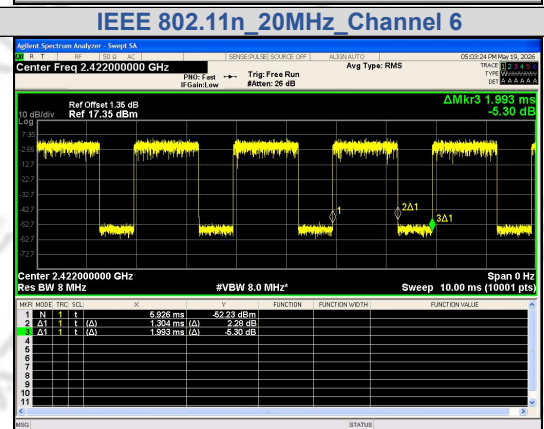
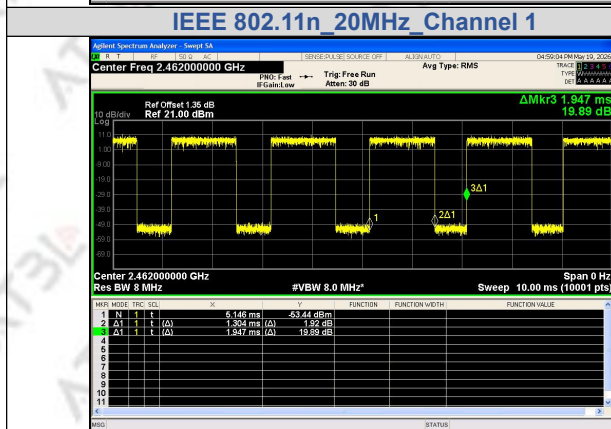
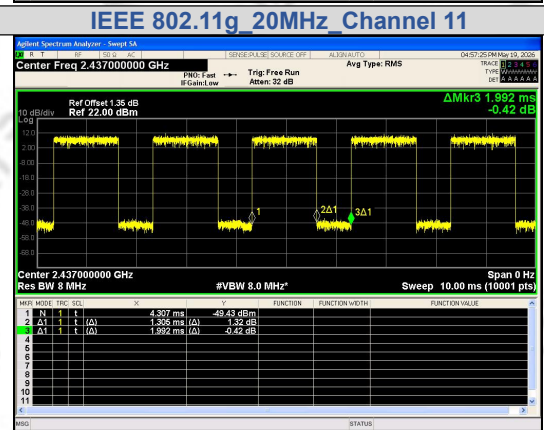
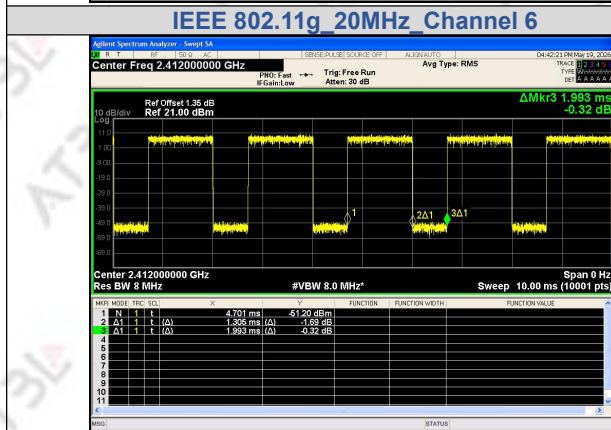
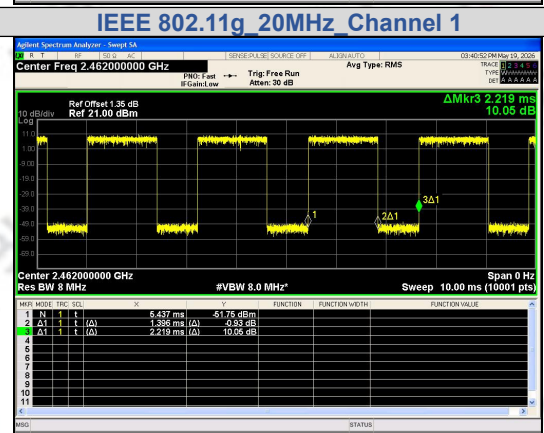
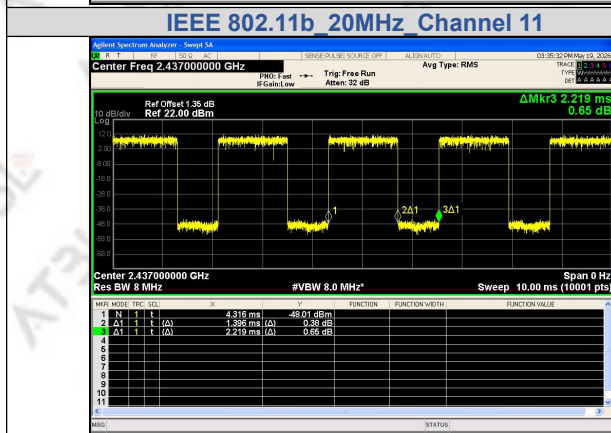
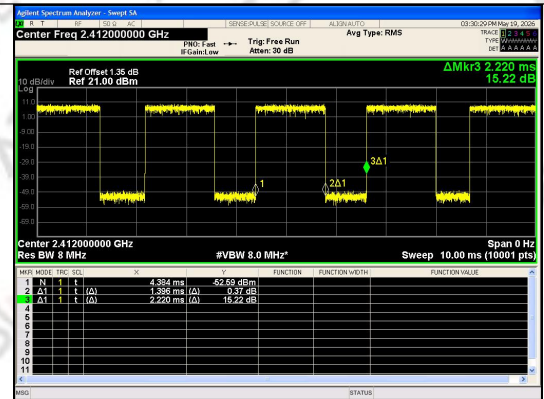
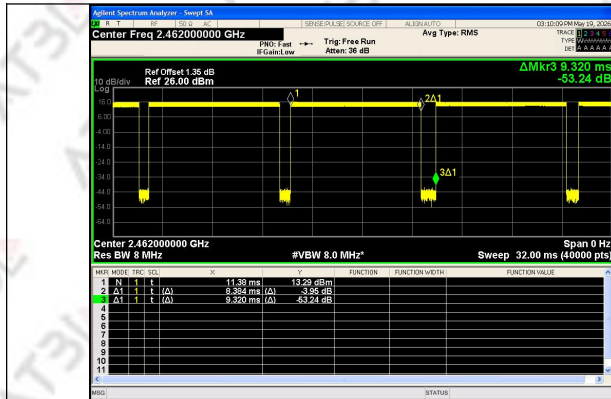
Test Graphs



IEEE 802.11b_20MHz Channel 1

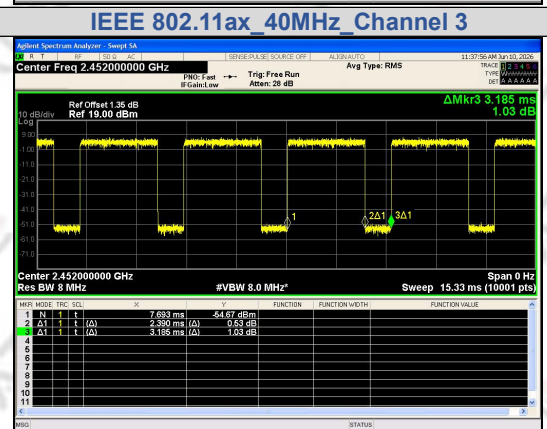
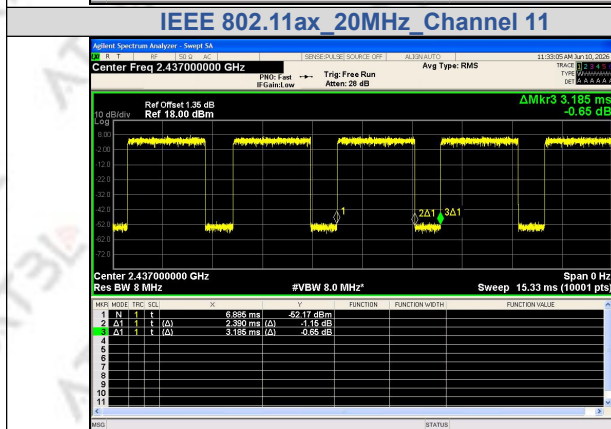
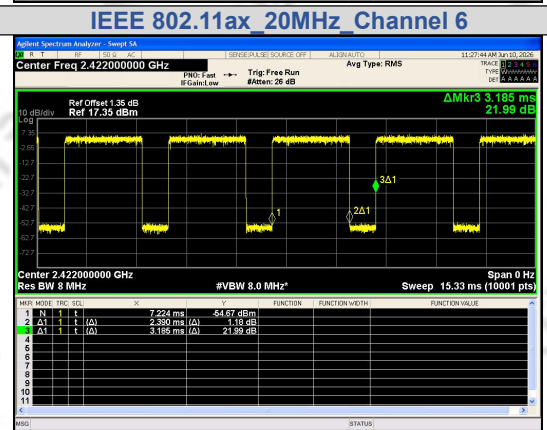
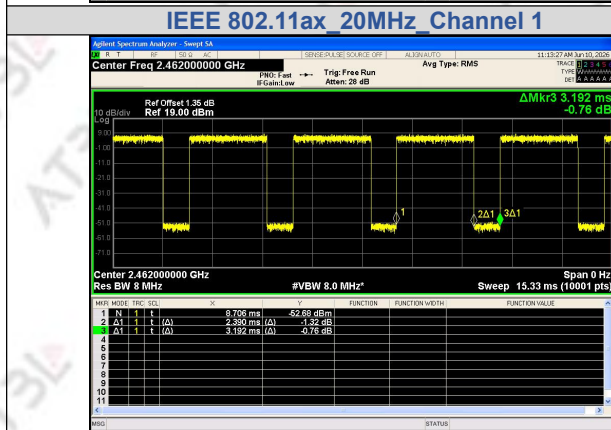
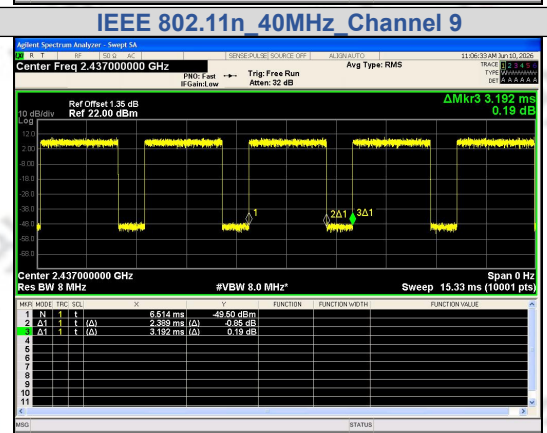
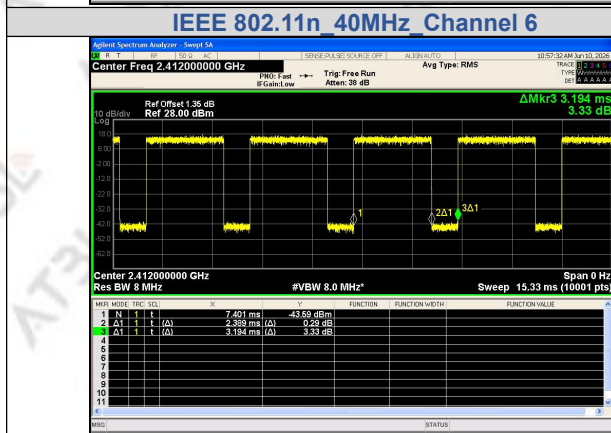
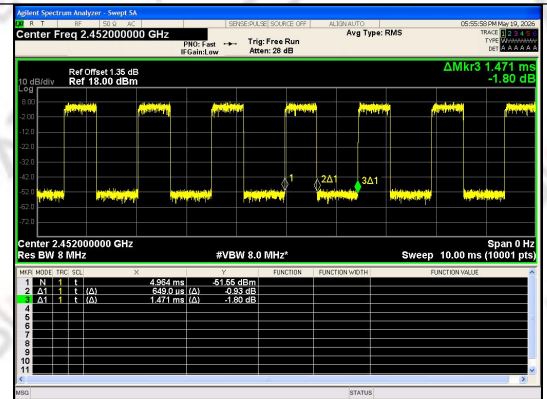
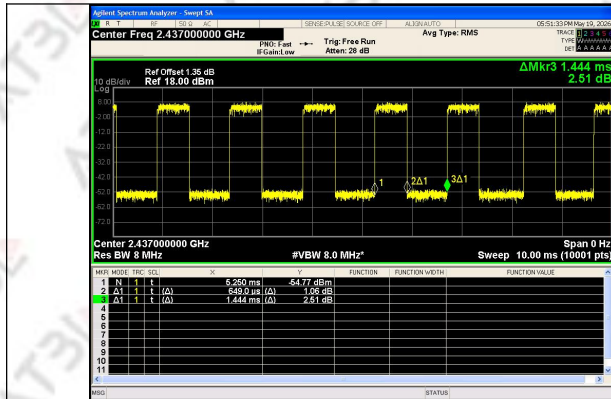


IEEE 802.11b_20MHz Channel 6



IEEE 802.11n 20MHz Channel 11

IEEE 802.11n 40MHz Channel 3



IEEE 802.11ax 40MHz Channel 6

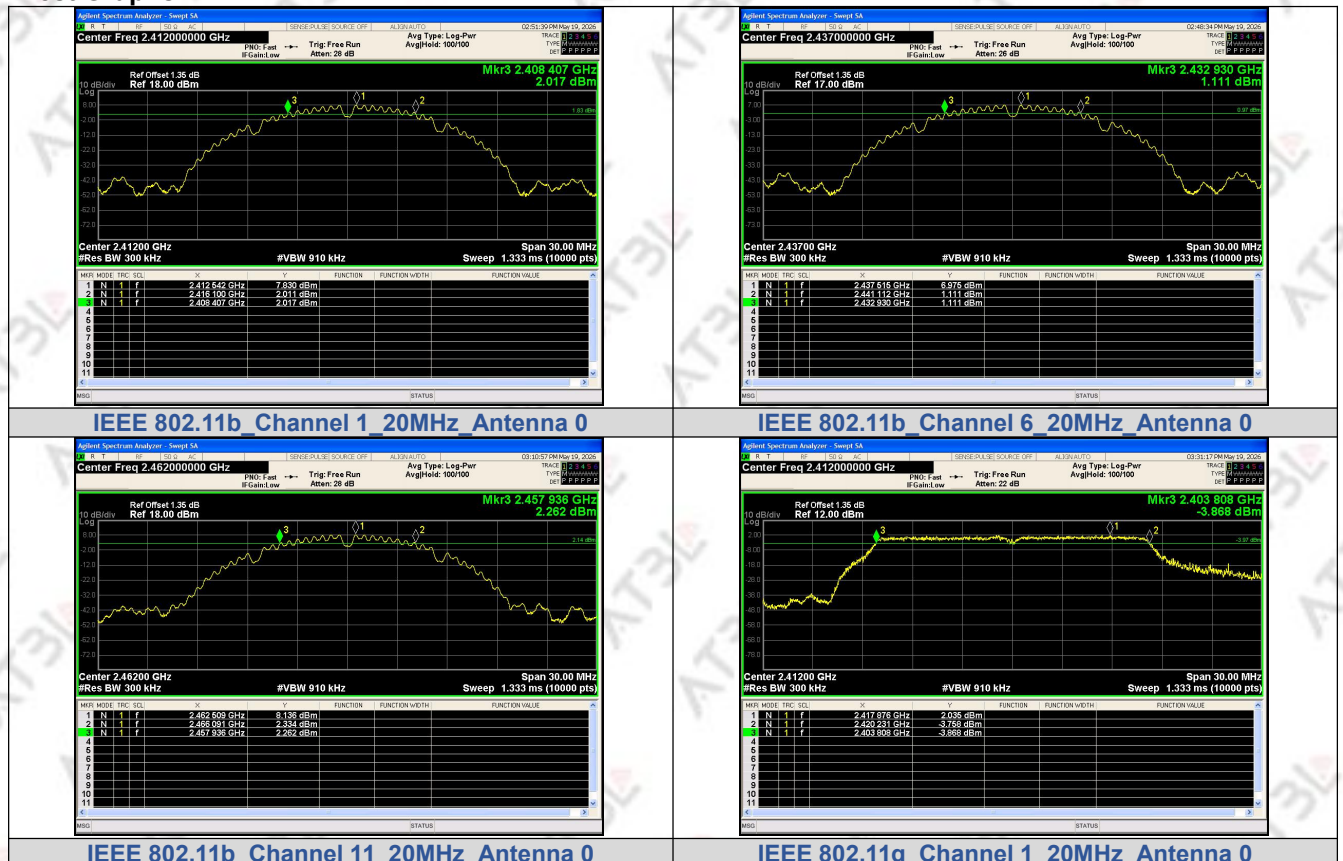
IEEE 802.11ax 40MHz Channel 9

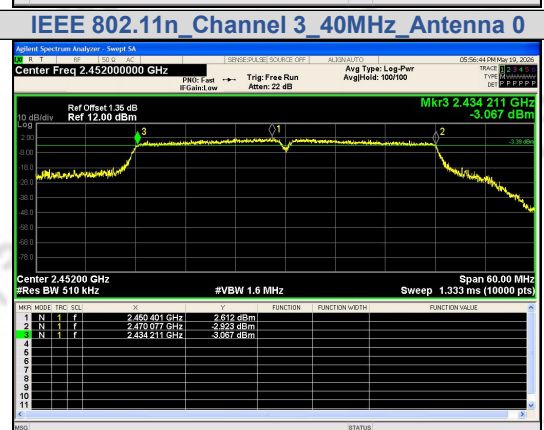
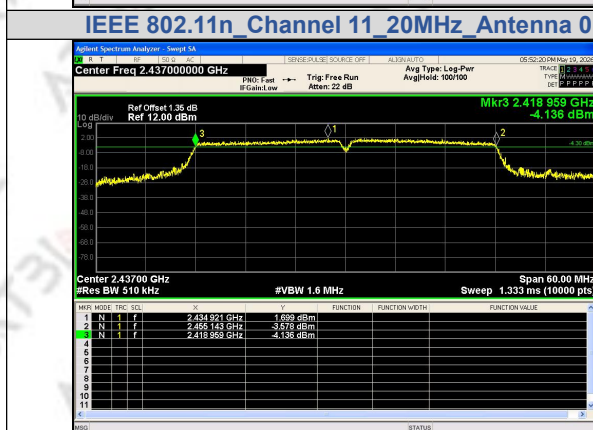
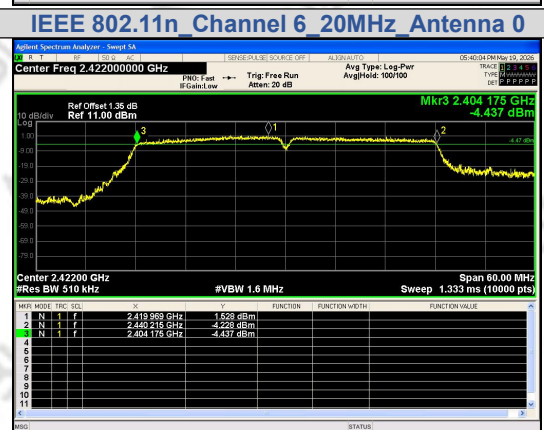
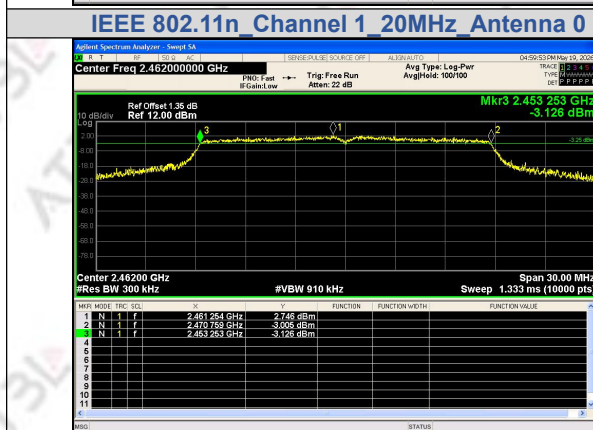
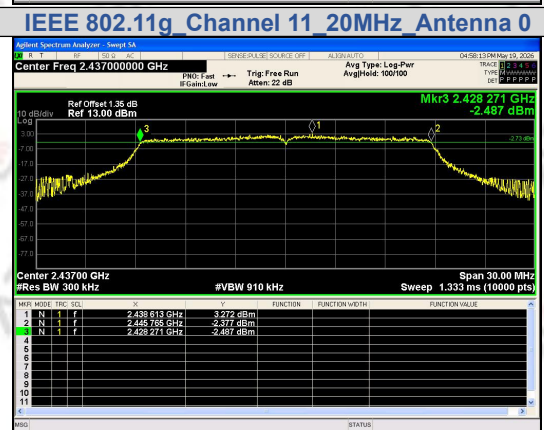
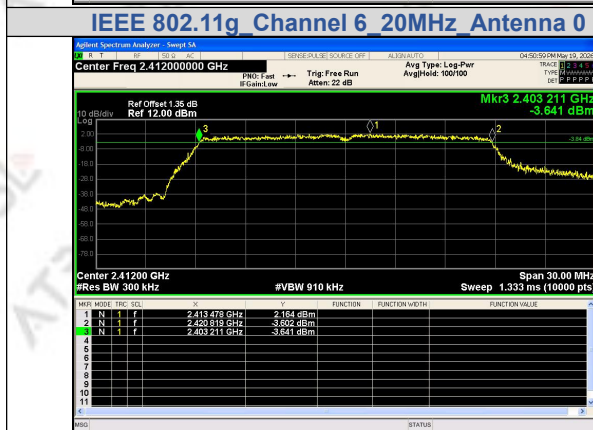
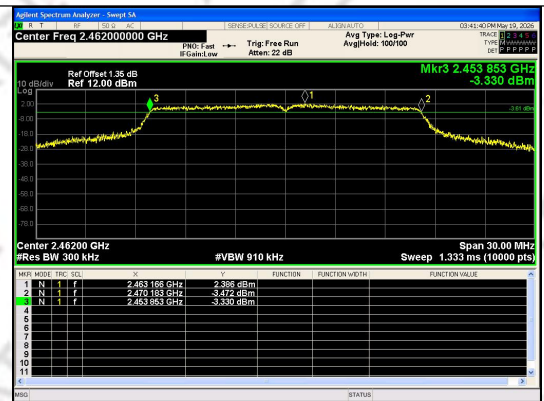
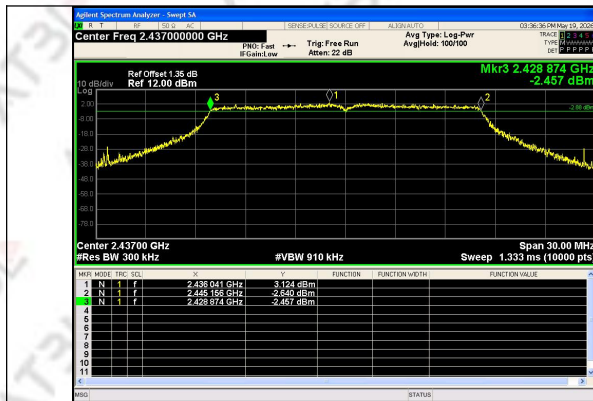
A3.6dB Bandwidth

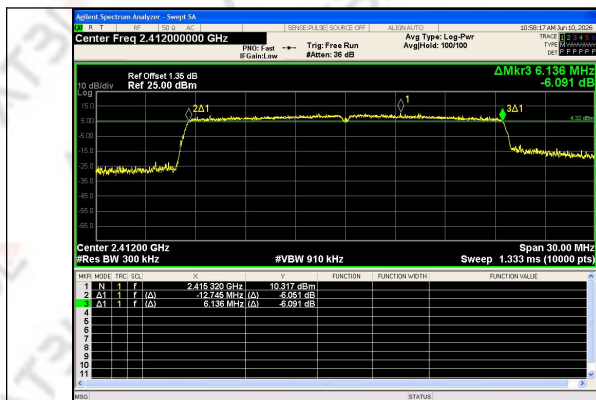
Test Result

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	N/A	0	2412	7.69	≥0.5	PASS
	6			2437	8.18		PASS
	11			2462	8.15		PASS
IEEE 802.11g	1			2412	16.42		PASS
	6			2437	16.29		PASS
	11			2462	16.33		PASS
IEEE 802.11n_20	1			2412	17.61		PASS
	6			2437	17.5		PASS
	11			2462	17.51		PASS
IEEE 802.11n_40	3			2422	36.03		PASS
	6			2437	36.18		PASS
	9			2452	35.87		PASS
IEEE 802.11ax_20	1	SU		2412	18.89		PASS
	6			2437	17.16		PASS
	11			2462	18.90		PASS
IEEE 802.11ax_40	3			2422	37.00		PASS
	6			2437	37.87		PASS
	9			2452	37.70		PASS

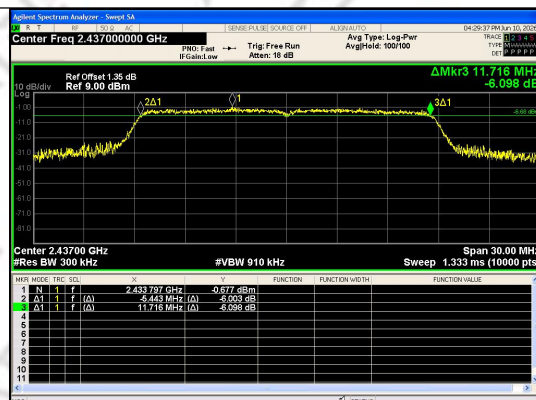
Test Graphs



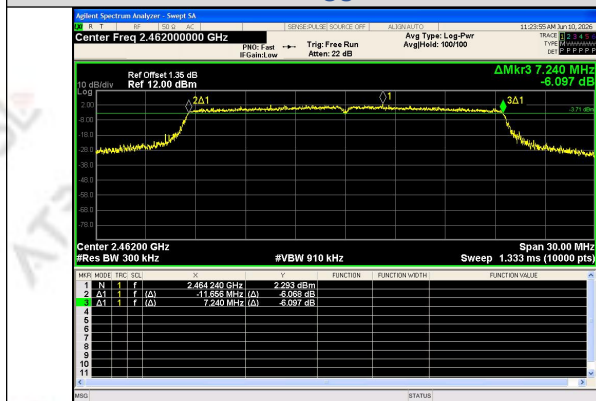




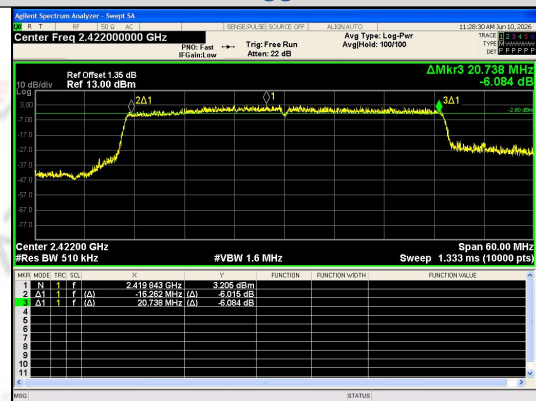
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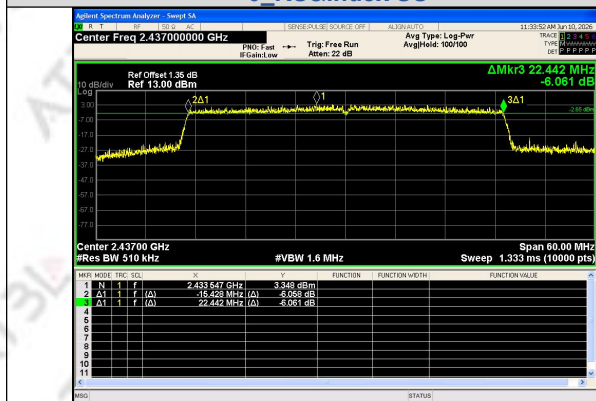
IEEE 802.11ax_Channel 6_20MHz_Antenna 0_RU&Index SU



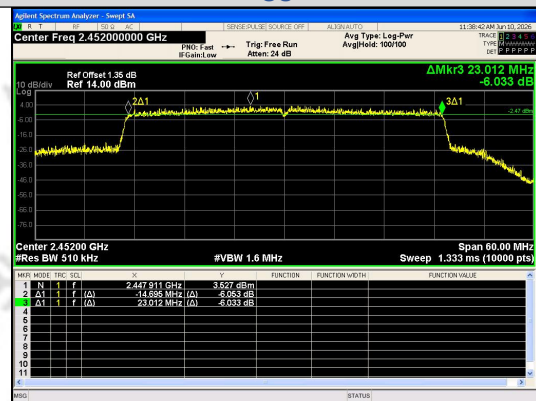
IEEE 802.11ax_Channel 11_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 3_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 6_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 9_40MHz_Antenna 0_RU&Index SU