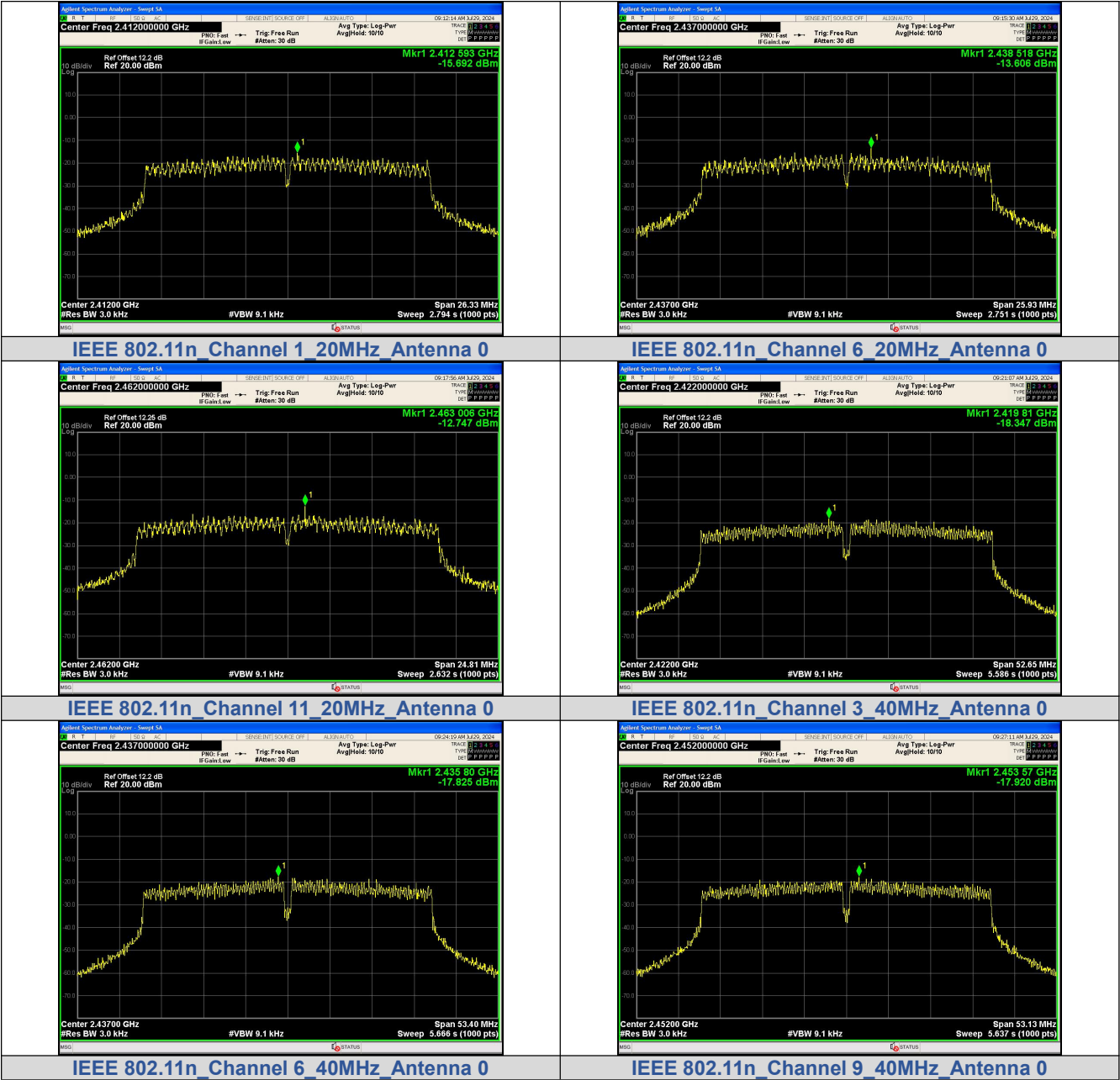




APPENDIX IV. Conducted Output Power

Test Result

Conducted Output Power

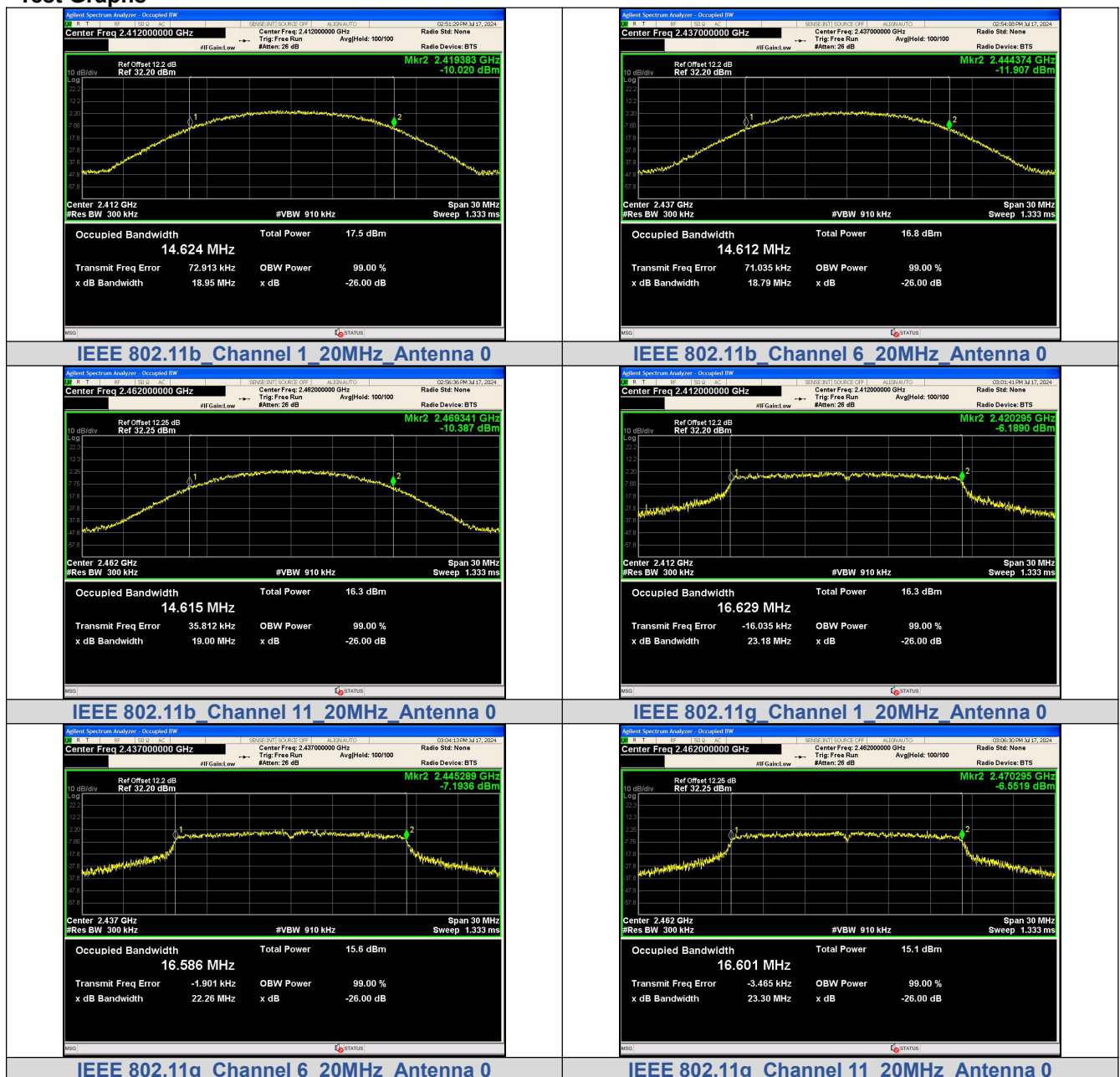
Mode	Channel	Ant. 0 (dBm)	Ant. 1 (dBm)	Ant. 2 (dBm)	Ant. 3 (dBm)	Total (dBm)	Limit (dBm)	Result
IEEE 802.11b	1	19.81	N/A	N/A	N/A	N/A	≤30	PASS
	6	15.53	N/A	N/A	N/A	N/A	≤30	PASS
	11	14.01	N/A	N/A	N/A	N/A	≤30	PASS
IEEE 802.11g	1	10.07	N/A	N/A	N/A	N/A	≤30	PASS
	6	17.91	N/A	N/A	N/A	N/A	≤30	PASS
	11	17.62	N/A	N/A	N/A	N/A	≤30	PASS
IEEE 802.11n_20	1	16.07	N/A	N/A	N/A	N/A	≤30	PASS
	6	16.73	N/A	N/A	N/A	N/A	≤30	PASS
	11	16.16	N/A	N/A	N/A	N/A	≤30	PASS
IEEE 802.11n_40	3	16.11	N/A	N/A	N/A	N/A	≤30	PASS
	6	16.11	N/A	N/A	N/A	N/A	≤30	PASS
	9	16.04	N/A	N/A	N/A	N/A	≤30	PASS

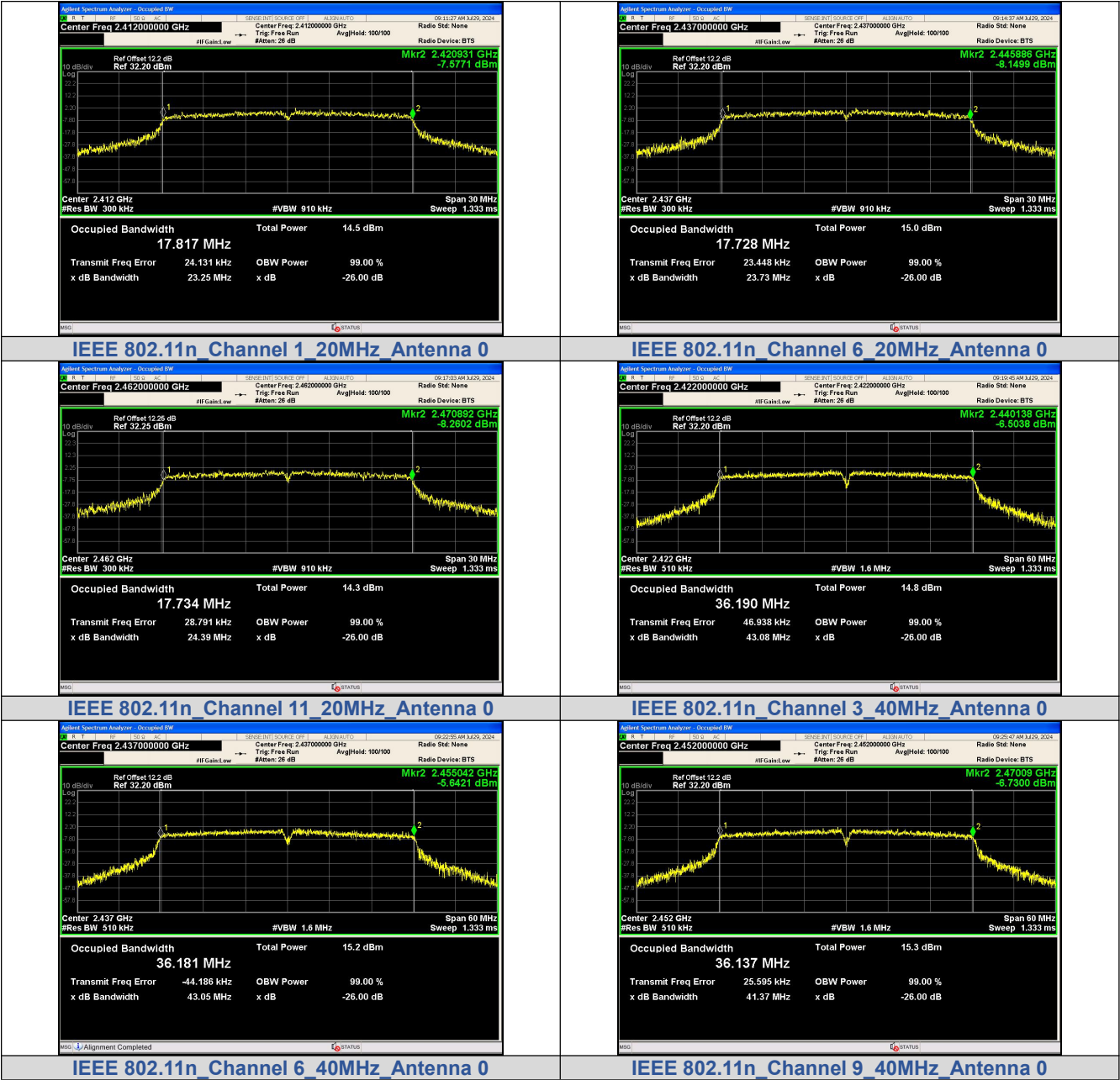
APPENDIX V.99% Bandwidth

Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11b	1	0	2412	14.624
	6		2437	14.612
	11		2462	14.615
	1		2412	16.629
IEEE 802.11g	6		2437	16.586
	11		2462	16.601
	1		2412	17.817
	6		2437	17.728
IEEE 802.11n_20	11		2462	17.734
	3		2422	36.190
	6		2437	36.181
IEEE 802.11n_40	9		2452	36.137

Test Graphs



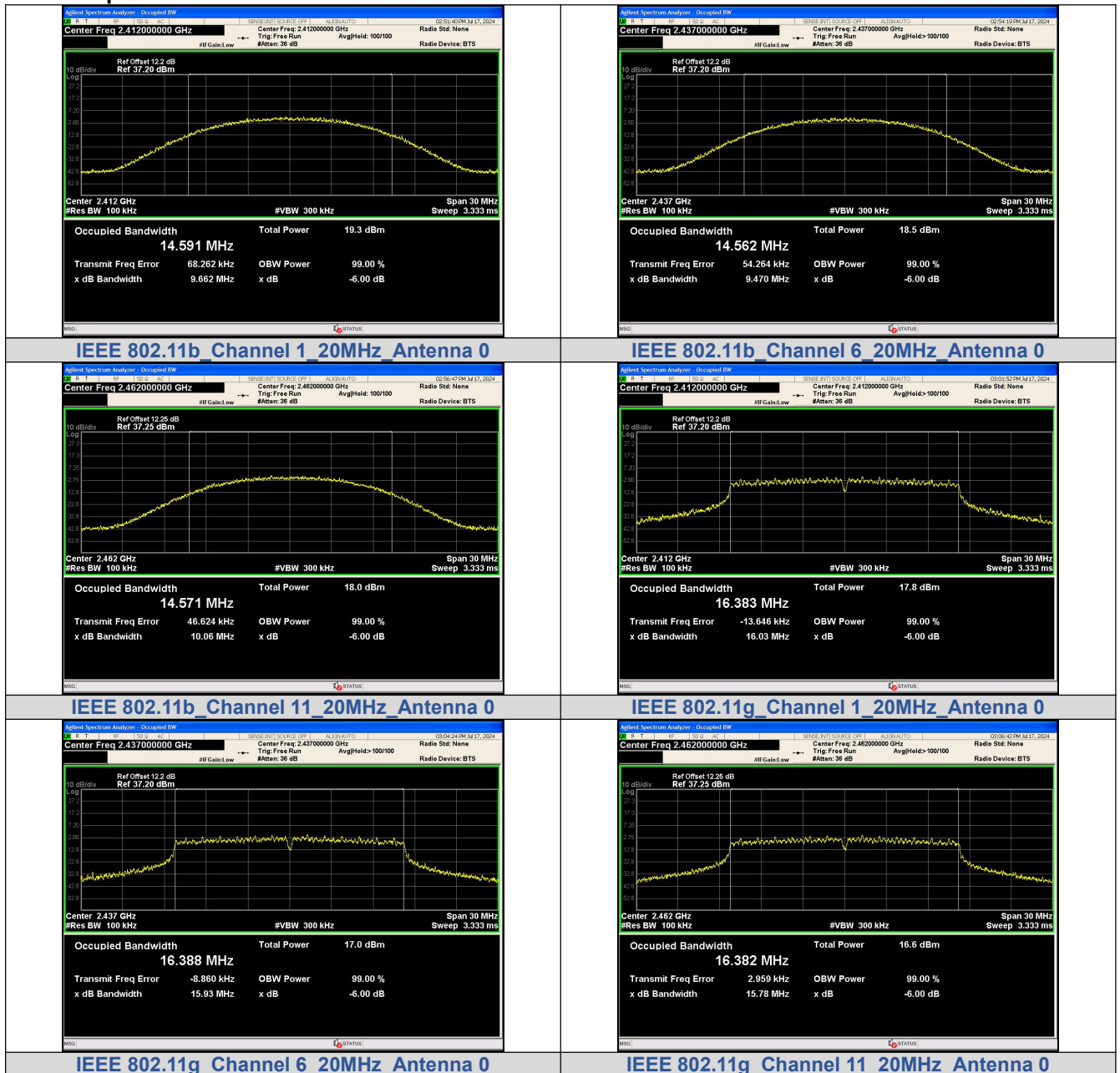


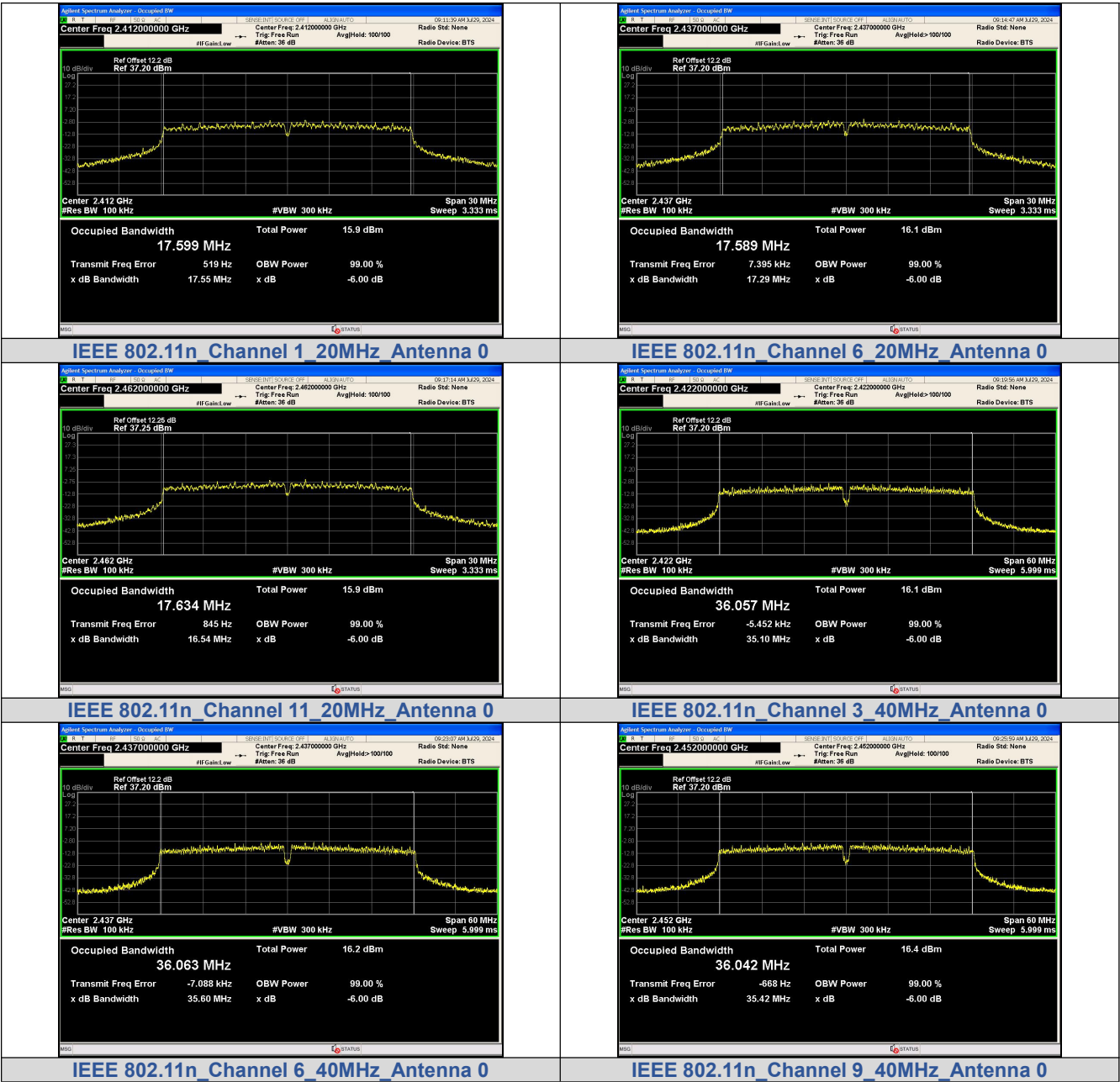
APPENDIX VI.6dB Bandwidth

Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	9.662	≥0.5	PASS
	6		2437	9.470		PASS
	11		2462	10.06		PASS
IEEE 802.11g	1		2412	16.03		PASS
	6		2437	15.93		PASS
	11		2462	15.78		PASS
IEEE 802.11n_20	1		2412	17.55		PASS
	6		2437	17.29		PASS
	11		2462	16.54		PASS
IEEE 802.11n_40	3		2422	35.10		PASS
	6		2437	35.60		PASS
	9		2452	35.42		PASS

Test Graphs





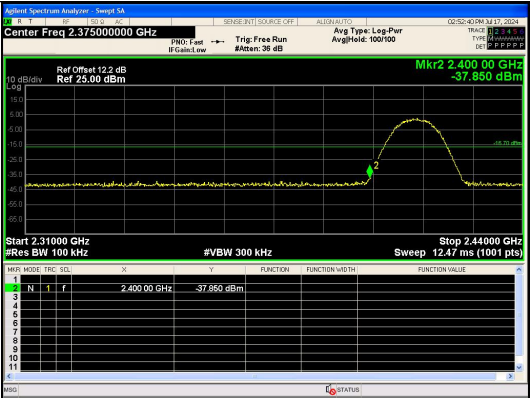
APPENDIX VII. Conducted Out Of Band EmissionAntenna A:
Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2400.00	-37.850	-16.7	-21.150	PASS
			4823.74	-46.901	-16.7	-30.201	PASS
			7224.04	-50.102	-16.7	-33.402	PASS
			9639.32	-51.946	-16.7	-35.246	PASS
			24932.0	-35.659	-16.7	-18.959	PASS
	6		4873.68	-49.681	-17.42	-32.261	PASS
			7297.08	-51.062	-17.42	-33.642	PASS
			9751.06	-51.309	-17.42	-33.889	PASS
			24865.8	-35.353	-17.42	-17.933	PASS
			11	2483.50	-40.139	-18.47	-21.669
	4924.24			-46.719	-18.47	-28.249	PASS
	7375.73			-50.790	-18.47	-32.320	PASS
	9854.07			-50.810	-18.47	-32.340	PASS
	24965.7			-35.810	-18.47	-17.340	PASS
IEEE 802.11g	1		2400.00	-29.682	-19.48	-10.202	PASS
			4832.48	-52.119	-19.48	-32.639	PASS
			7237.77	-49.372	-19.48	-29.892	PASS
			9663.04	-51.130	-19.48	-31.650	PASS
			24918.2	-35.449	-19.48	-15.969	PASS
	6		4885.54	-51.496	-20.12	-31.376	PASS
			7308.94	-51.270	-20.12	-31.150	PASS
			9730.46	-51.376	-20.12	-31.256	PASS
			24928.2	-35.476	-20.12	-15.356	PASS
			11	2483.50	-40.941	-20.73	-20.211
	4941.72			-51.284	-20.73	-30.554	PASS
	7395.09			-51.643	-20.73	-30.913	PASS
	9845.33			-51.052	-20.73	-30.322	PASS
	24893.9			-35.818	-20.73	-15.088	PASS
IEEE 802.11n_20	1		2400.00	-30.635	-21.56	-9.075	PASS
			4826.74	-50.524	-21.56	-28.964	PASS
			7239.46	-51.292	-21.56	-29.732	PASS
			9659.68	-51.068	-21.56	-29.508	PASS
			24918.2	-36.239	-21.56	-14.680	PASS
	6		4872.93	-48.383	-20.39	-27.993	PASS
			7300.64	-50.933	-20.39	-30.543	PASS
			9740.83	-51.110	-20.39	-30.720	PASS
			24914.5	-36.232	-20.39	-15.842	PASS
			11	2483.50	-40.207	-21.04	-19.167
	4928.49			-49.574	-21.04	-28.534	PASS
	7391.78			-50.905	-21.04	-29.865	PASS
	9862.56			-50.920	-21.04	-29.880	PASS
	24551.8			-35.807	-21.04	-14.767	PASS
IEEE 802.11n_40	3		2378.12	-39.869	-23.92	-15.949	PASS
			2400.00	-42.296	-23.92	-18.376	PASS
			4872.30	-51.200	-23.92	-27.280	PASS
			7238.80	-51.367	-23.92	-27.447	PASS
			9695.30	-50.635	-23.92	-26.715	PASS
	6		24967.5	-35.589	-23.92	-11.669	PASS
			4879.17	-50.622	-23.61	-27.012	PASS
			7281.91	-50.989	-23.61	-27.380	PASS
			9710.24	-51.157	-23.61	-27.547	PASS
			24933.2	-36.229	-23.61	-12.619	PASS
	9		2483.50	-41.366	-23.82	-17.546	PASS
			4914.13	-51.279	-23.82	-27.459	PASS
			7341.22	-50.925	-23.82	-27.105	PASS
			9817.62	-51.210	-23.82	-27.390	PASS
24922.6			-36.004	-23.82	-12.184	PASS	

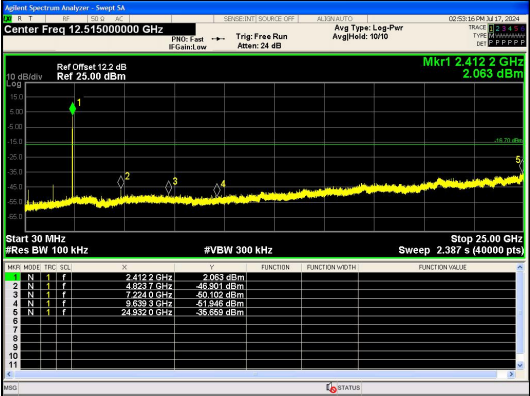
Test Graphs



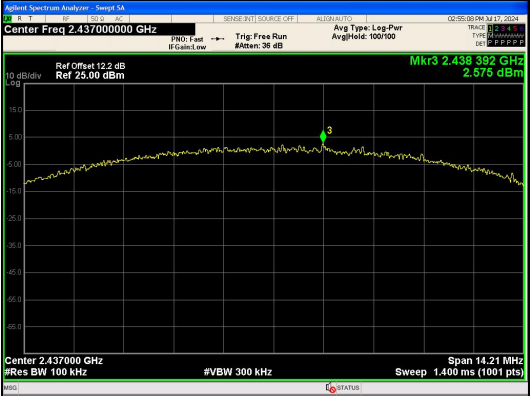
In-Band Reference Level
IEEE 802.11b_Channel 1_20MHz_Antenna 0



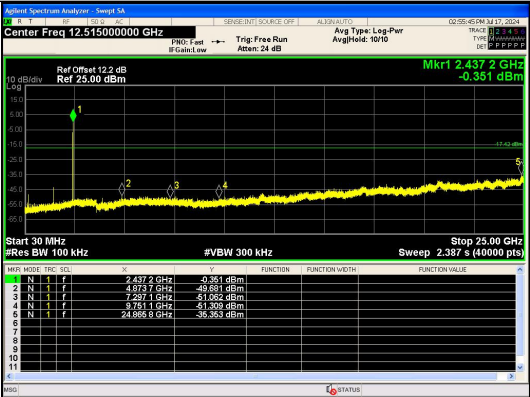
Out Of Band Emission
IEEE 802.11b_Channel 1_20MHz_Antenna 0



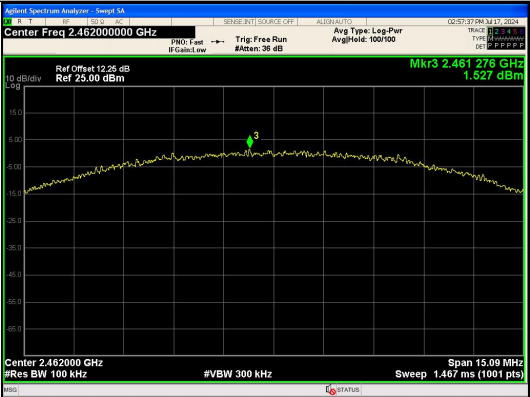
Spurious Emission
IEEE 802.11b_Channel 1_20MHz_Antenna 0



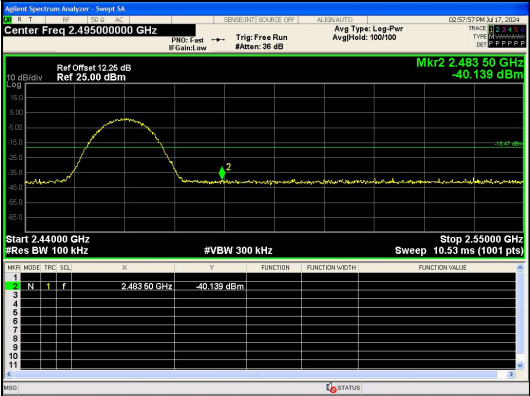
In-Band Reference Level
IEEE 802.11b_Channel 6_20MHz_Antenna 0



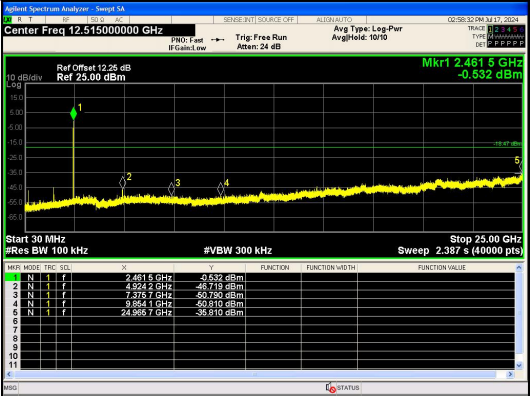
Spurious Emissions
IEEE 802.11b_Channel 6_20MHz_Antenna 0



In-Band Reference Level
IEEE 802.11b_Channel 11_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11b_Channel 11_20MHz_Antenna 0



Spurious Emission
IEEE 802.11b_Channel 11_20MHz_Antenna 0