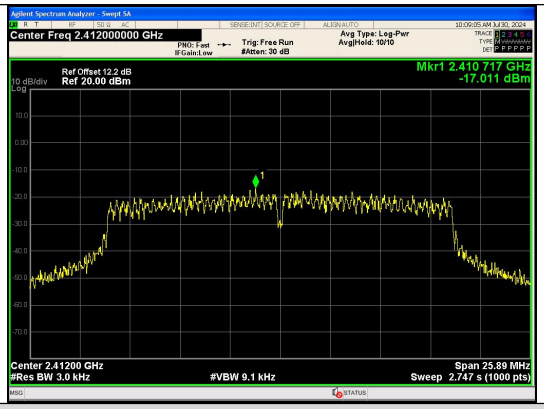
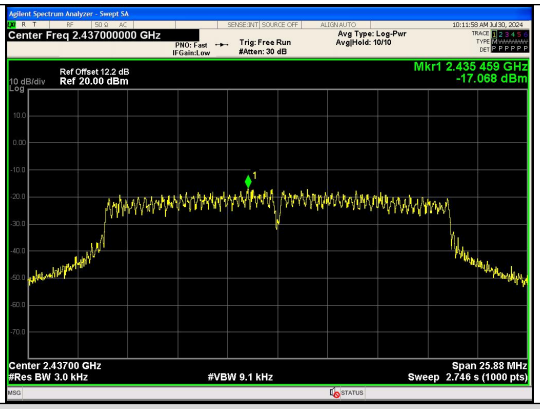
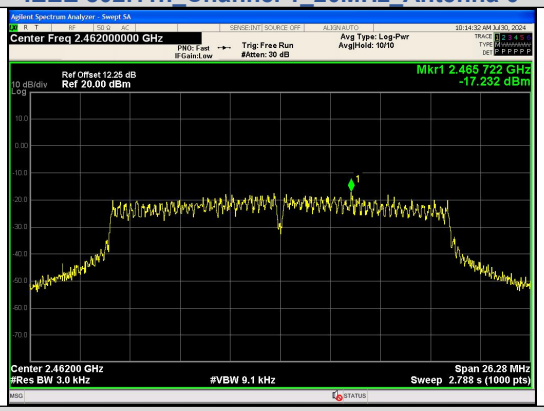


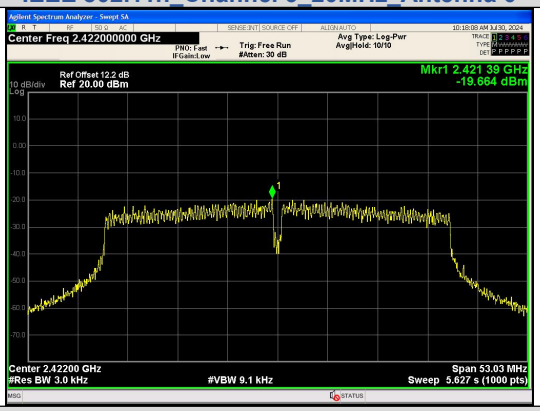
IEEE 802.11n_Channel 1_20MHz_Antenna 0



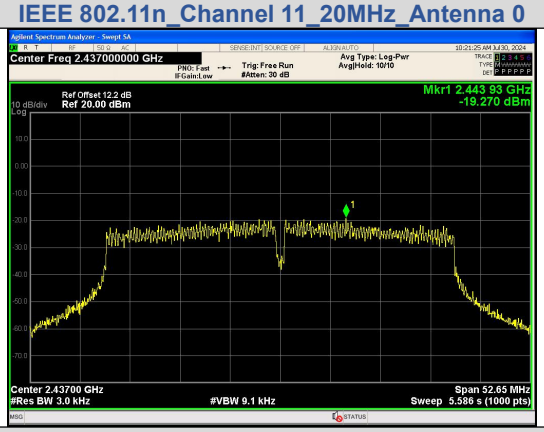
IEEE 802.11n_Channel 6_20MHz_Antenna 0



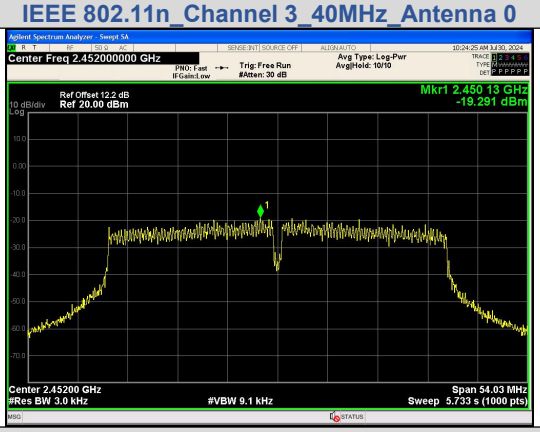
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



IEEE 802.11n_Channel 9_40MHz_Antenna 0

APPENDIX III.Conducted Peak 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	21.26				N/A	≤30	PASS
	6	12.75				N/A	≤30	PASS
	11	12.29				N/A	≤30	PASS
IEEE 802.11g	1	12.70				N/A	≤30	PASS
	6	16.02				N/A	≤30	PASS
	11	15.31				N/A	≤30	PASS
IEEE 802.11n_20	1	14.82				N/A	≤30	PASS
	6	15.22				N/A	≤30	PASS
	11	14.92				N/A	≤30	PASS
IEEE 802.11n_40	3	14.91				N/A	≤30	PASS
	6	15.40				N/A	≤30	PASS
	9	15.37				N/A	≤30	PASS

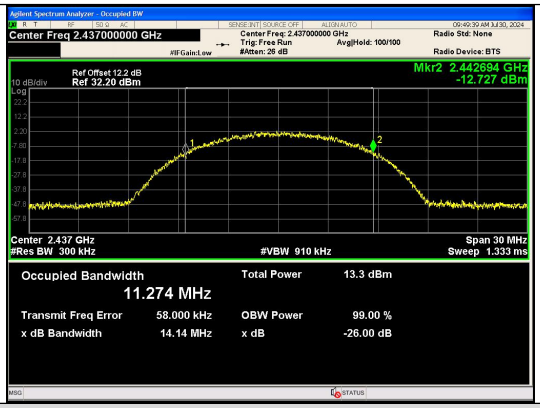
APPENDIX IV.99% Bandwidth

Test Result

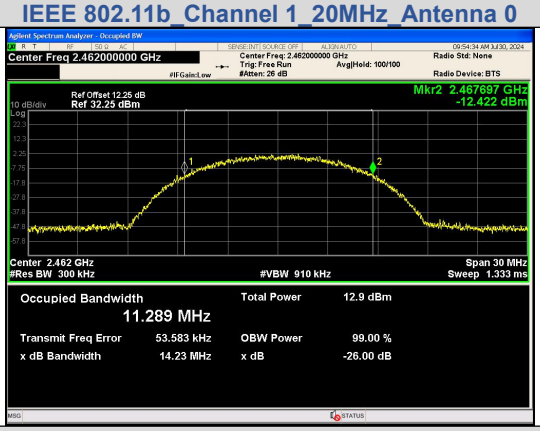
Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11b	1	0	2412	12.229
	6		2437	11.274
	11		2462	11.289
IEEE 802.11g	1		2412	15.410
	6		2437	16.561
	11		2462	16.547
IEEE 802.11n_20	1		2412	17.787
	6		2437	17.746
	11		2462	17.776
IEEE 802.11n_40	3		2422	36.215
	6		2437	36.224
	9		2452	36.160

Test Graphs

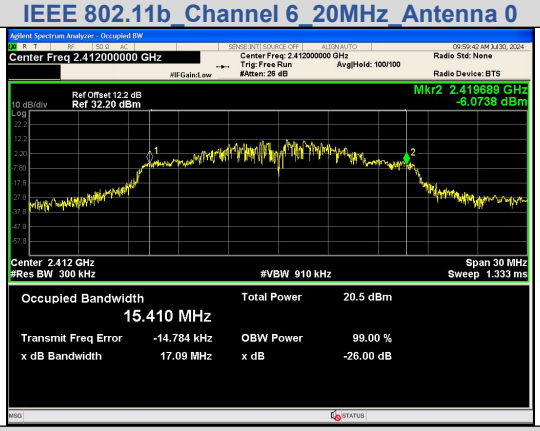
IEEE 802.11b_Channel 1_20MHz_Antenna 0



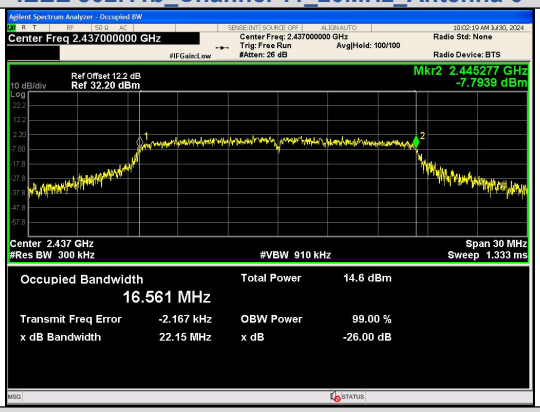
IEEE 802.11b_Channel 6_20MHz_Antenna 0



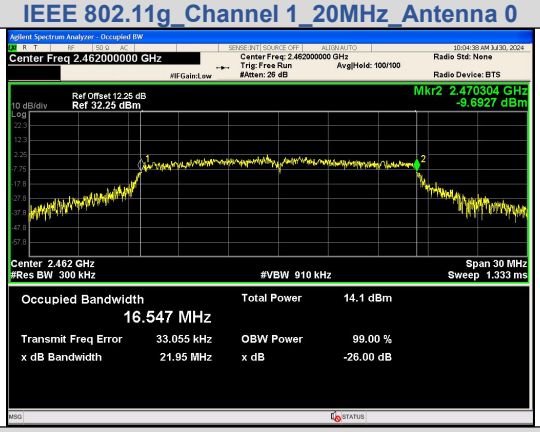
IEEE 802.11b_Channel 11_20MHz_Antenna 0



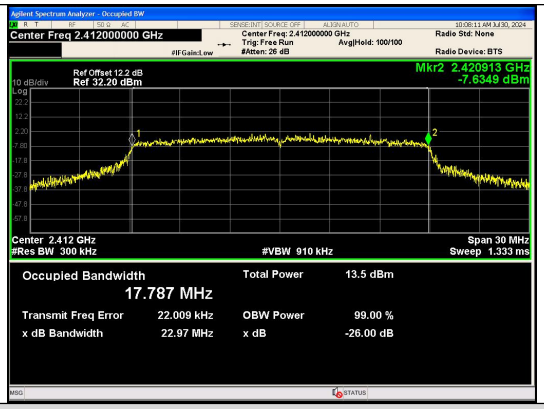
IEEE 802.11g_Channel 1_20MHz_Antenna 0



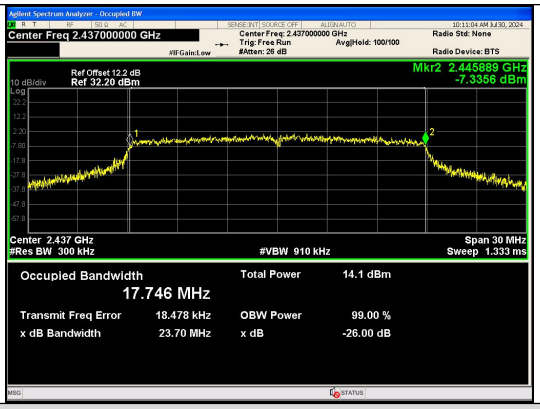
IEEE 802.11g_Channel 6_20MHz_Antenna 0



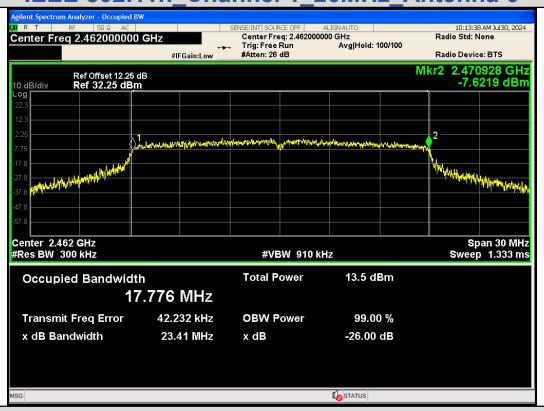
IEEE 802.11g_Channel 11_20MHz_Antenna 0



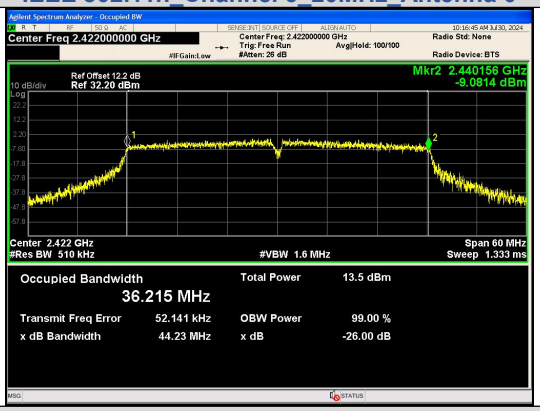
IEEE 802.11n_Channel 1_20MHz_Antenna 0



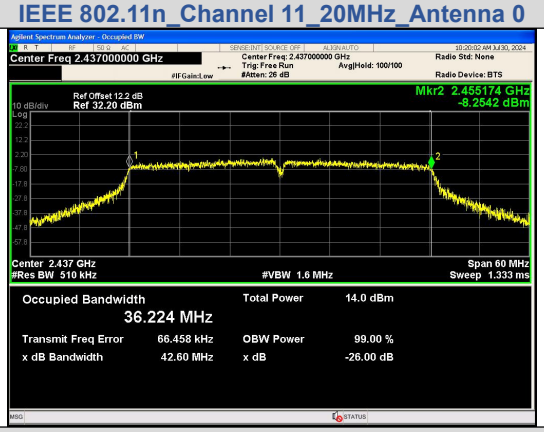
IEEE 802.11n_Channel 6_20MHz_Antenna 0



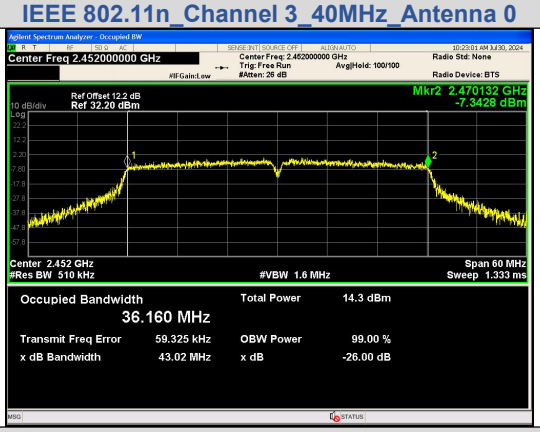
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



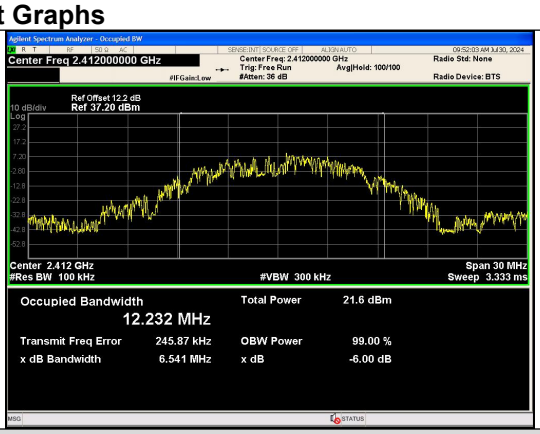
IEEE 802.11n_Channel 9_40MHz_Antenna 0

APPENDIX V.6dB Bandwidth

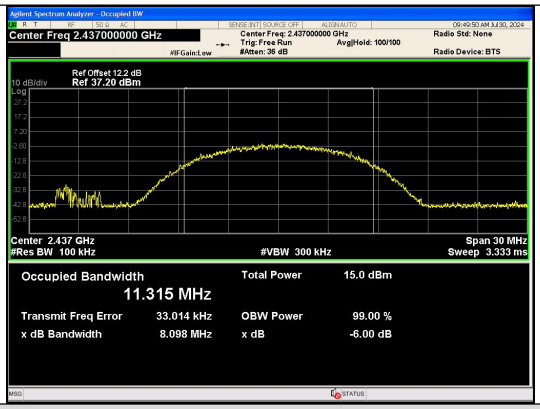
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	6.541	≥0.5	PASS
	6		2437	8.098		PASS
	11		2462	7.490		PASS
IEEE 802.11g	1		2412	7.198		PASS
	6		2437	15.64		PASS
	11		2462	15.47		PASS
IEEE 802.11n_20	1		2412	17.26		PASS
	6		2437	17.25		PASS
	11		2462	17.52		PASS
IEEE 802.11n_40	3		2422	35.35		PASS
	6		2437	35.10		PASS
	9		2452	36.02		PASS

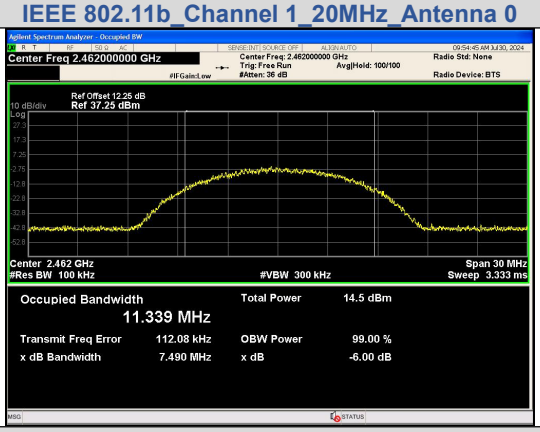
Test Graphs



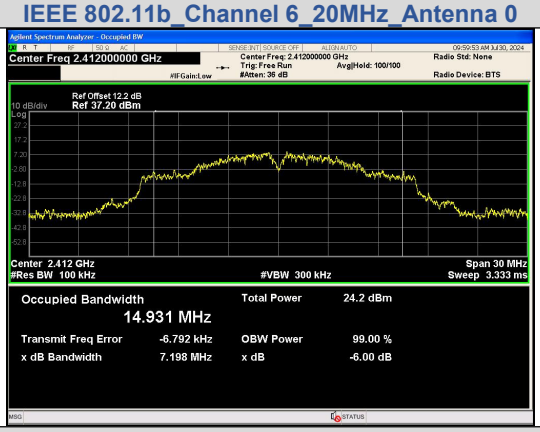
IEEE 802.11b_Channel 1_20MHz_Antenna 0



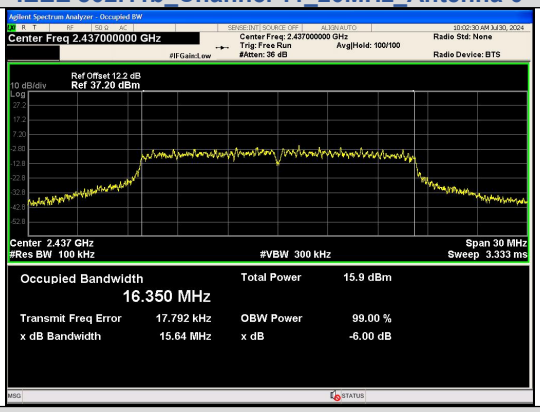
IEEE 802.11b_Channel 6_20MHz_Antenna 0



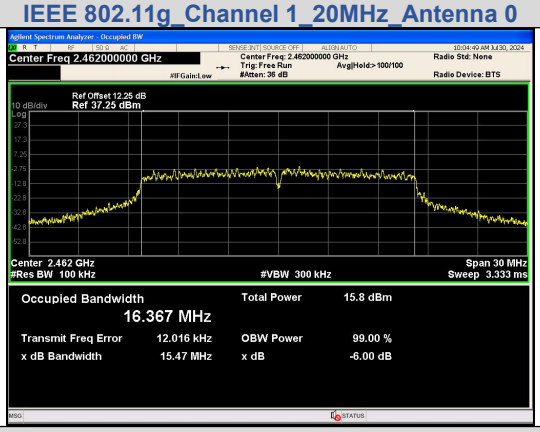
IEEE 802.11b_Channel 11_20MHz_Antenna 0



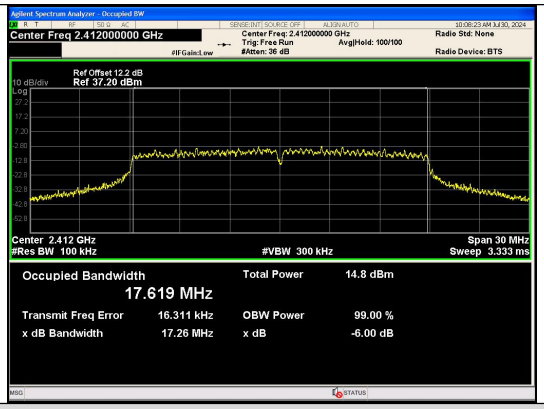
IEEE 802.11g_Channel 1_20MHz_Antenna 0



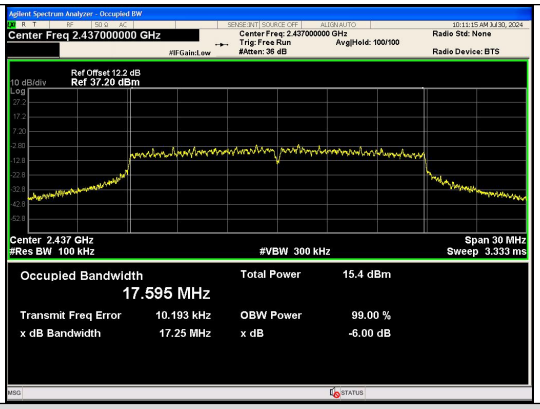
IEEE 802.11g_Channel 6_20MHz_Antenna 0



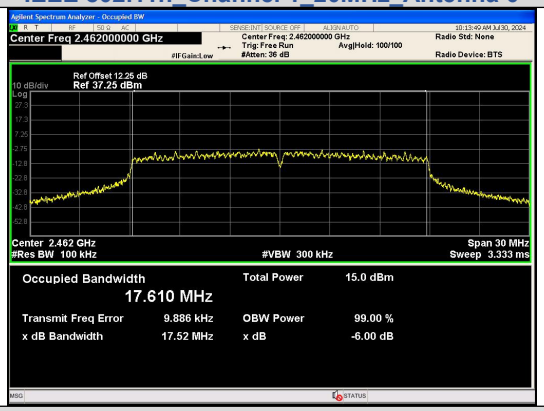
IEEE 802.11g_Channel 11_20MHz_Antenna 0



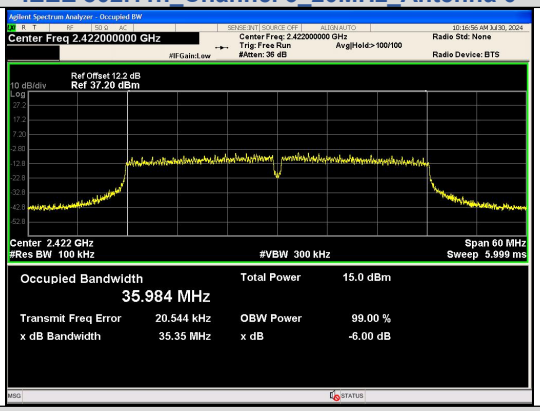
IEEE 802.11n_Channel 1_20MHz_Antenna 0



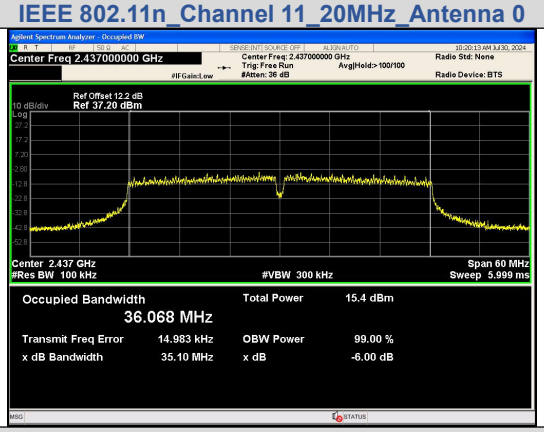
IEEE 802.11n_Channel 6_20MHz_Antenna 0



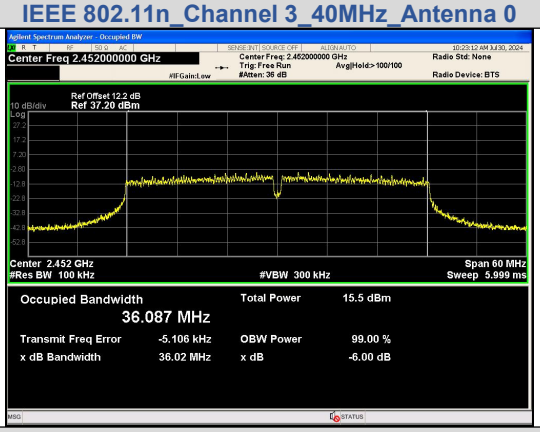
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



IEEE 802.11n_Channel 9_40MHz_Antenna 0

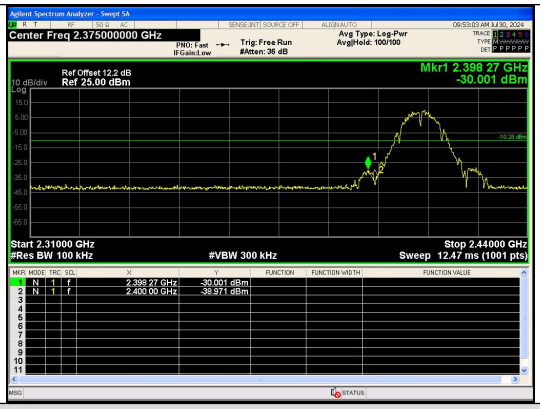
APPENDIX VI.Conducted Out Of Band Emission

Test Result

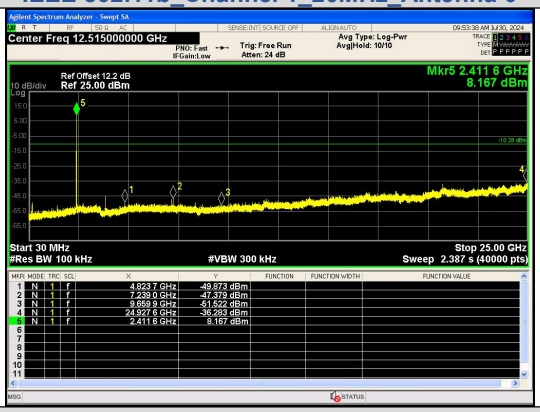
Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2398.27	-30.001	-10.28	-19.721	PASS
			2400.00	-38.971	-10.28	-28.691	PASS
			4823.70	-49.873	-10.28	-39.593	PASS
			7239.00	-47.379	-10.28	-37.099	PASS
			9659.90	-51.522	-10.28	-41.242	PASS
			24927.6	-36.283	-10.28	-26.003	PASS
	6		4874.93	-51.135	-18.65	-32.485	PASS
			7305.82	-51.058	-18.65	-32.408	PASS
			9732.96	-52.029	-18.65	-33.379	PASS
			24832.1	-35.409	-18.65	-16.759	PASS
	11		2483.50	-41.673	-20.29	-21.383	PASS
			4921.12	-50.646	-20.29	-30.356	PASS
			7383.22	-50.442	-20.29	-30.152	PASS
			9851.57	-50.918	-20.29	-30.628	PASS
			24923.2	-35.585	-20.29	-15.295	PASS
IEEE 802.11g	1		2398.53	-29.236	-10.0	-19.236	PASS
			2400.00	-31.639	-10.0	-21.639	PASS
			4823.70	-38.799	-10.0	-28.799	PASS
			7232.20	-46.297	-10.0	-36.297	PASS
			9654.90	-50.751	-10.0	-40.751	PASS
			24926.3	-35.047	-10.0	-25.047	PASS
	6		4864.31	-51.103	-20.3	-30.803	PASS
			7324.54	-51.123	-20.3	-30.823	PASS
			9764.17	-51.755	-20.3	-31.454	PASS
			24991.3	-36.109	-20.3	-15.809	PASS
	11		2483.50	-42.106	-20.77	-21.336	PASS
			4919.25	-50.976	-20.77	-30.206	PASS
			7370.12	-51.752	-20.77	-30.982	PASS
			9829.72	-51.651	-20.77	-30.881	PASS
			24845.8	-35.389	-20.77	-14.619	PASS
IEEE 802.11n_20	1		2400.00	-31.626	-22.09	-9.536	PASS
			4822.49	-51.325	-22.09	-29.235	PASS
			7219.04	-50.848	-22.09	-28.758	PASS
			9660.55	-52.118	-22.09	-30.028	PASS
			24920.1	-35.363	-22.09	-13.273	PASS
	6		4870.56	-49.639	-21.58	-28.059	PASS
			7308.94	-51.561	-21.58	-29.981	PASS
			9764.17	-51.394	-21.58	-29.814	PASS
			24904.5	-35.450	-21.58	-13.870	PASS
	11		2483.50	-41.374	-21.94	-19.434	PASS
			4922.99	-49.390	-21.94	-27.450	PASS
			7371.36	-51.768	-21.94	-29.828	PASS
			9832.84	-51.685	-21.94	-29.745	PASS
			24936.9	-35.648	-21.94	-13.708	PASS
IEEE 802.11n_40	3		2400.00	-36.346	-25.19	-11.156	PASS
			4861.19	-50.395	-25.19	-25.205	PASS
			7270.23	-51.626	-25.19	-26.436	PASS
			9706.74	-51.877	-25.19	-26.687	PASS
			24930.1	-34.616	-25.19	-9.426	PASS
	6		4906.76	-52.028	-24.6	-27.428	PASS
			7308.31	-51.093	-24.6	-26.493	PASS
			9712.98	-51.362	-24.6	-26.762	PASS
			24940.7	-35.731	-24.6	-11.131	PASS
	9		2483.50	-40.599	-24.85	-15.749	PASS
			4917.38	-51.479	-24.85	-26.629	PASS
			7327.04	-51.687	-24.85	-26.837	PASS
			9796.64	-51.380	-24.85	-26.530	PASS
			24951.3	-35.118	-24.85	-10.268	PASS

Test Graphs

In-Band Reference Level
IEEE 802.11b_Channel 1_20MHz_Antenna 0

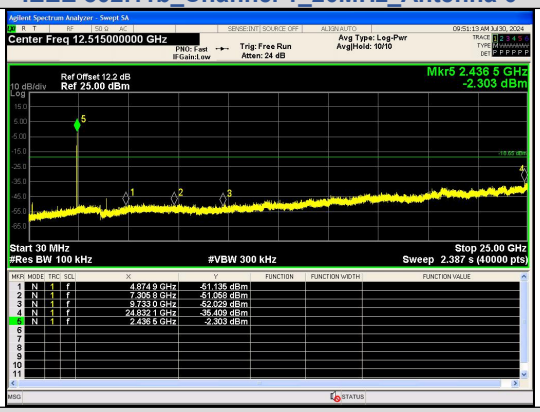


Out Of Band Emission
IEEE 802.11b_Channel 1_20MHz_Antenna 0



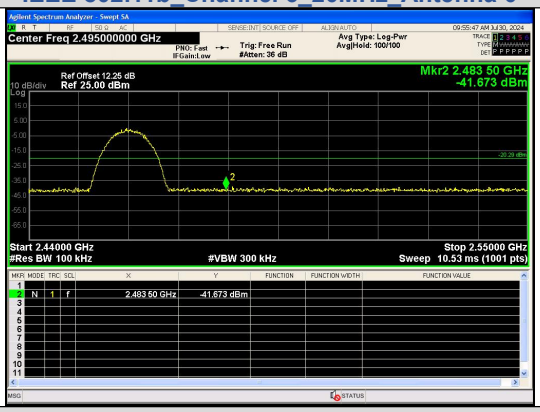
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 1_20MHz_Antenna 0

In-Band Reference Level
IEEE 802.11b_Channel 6_20MHz_Antenna 0

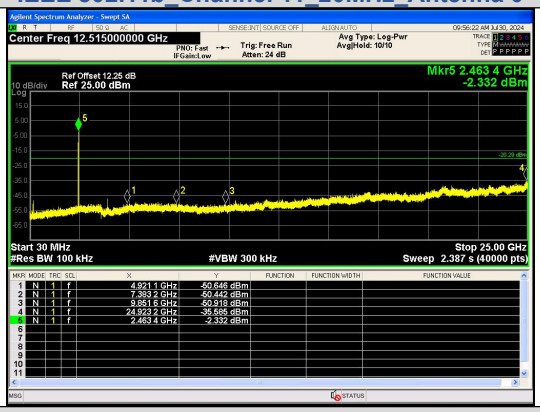


30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 6_20MHz_Antenna 0

In-Band Reference Level
IEEE 802.11b_Channel 11_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11b_Channel 11_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 11_20MHz_Antenna 0