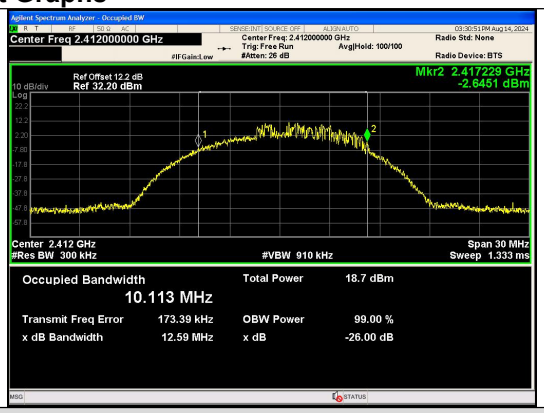
APPENDIX IV.99% Bandwidth

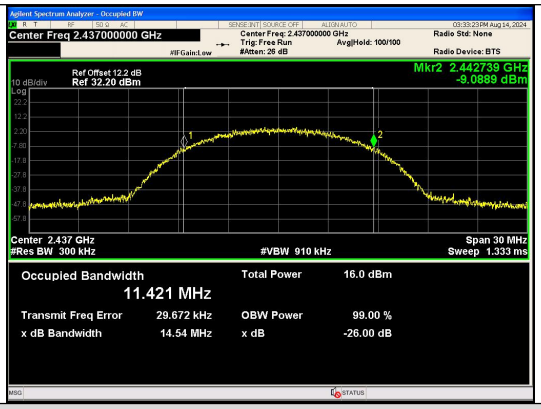
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11b	1	0	2412	10.113
	6		2437	11.421
	11		2462	11.327
IEEE 802.11g	1		2412	16.574
	6		2437	16.436
	11		2462	16.498
IEEE 802.11n_20	1		2412	17.812
	6		2437	17.697
	11		2462	17.764

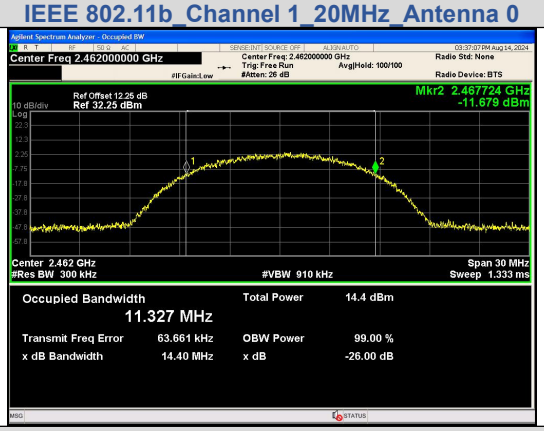
Test Graphs



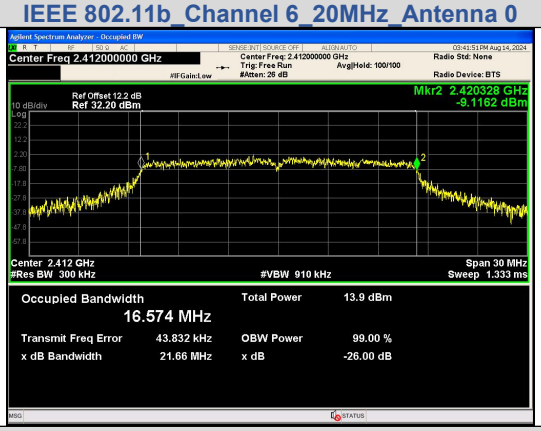
IEEE 802.11b_Channel 1_20MHz_Antenna 0



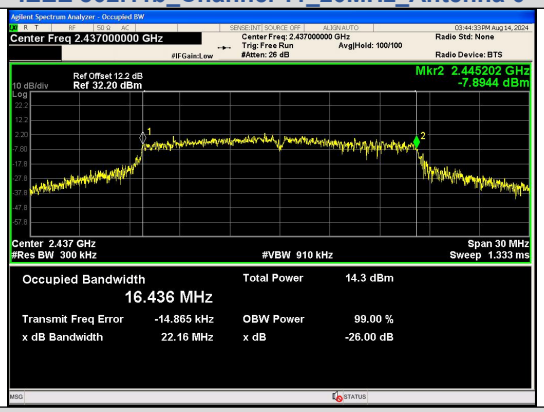
IEEE 802.11b_Channel 6_20MHz_Antenna 0



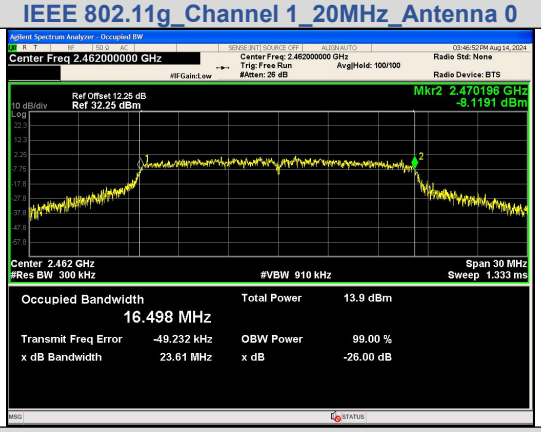
IEEE 802.11b_Channel 11_20MHz_Antenna 0



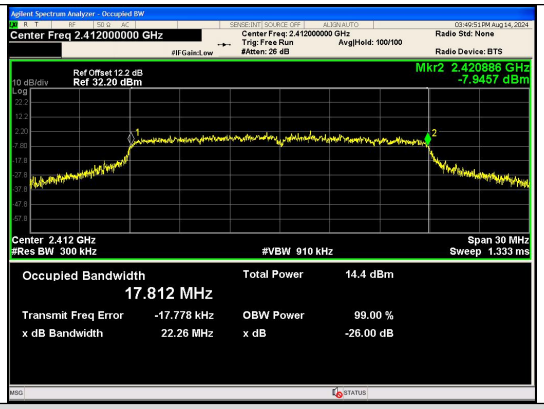
IEEE 802.11g_Channel 1_20MHz_Antenna 0



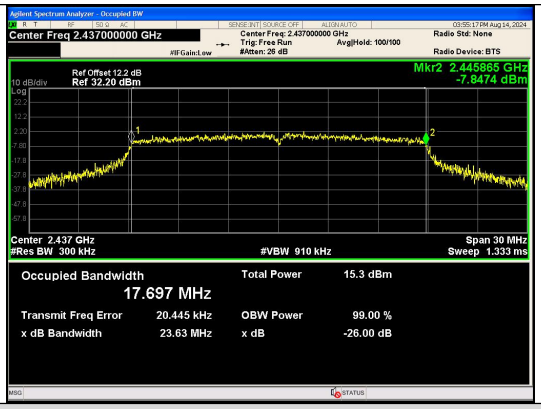
IEEE 802.11g_Channel 6_20MHz_Antenna 0



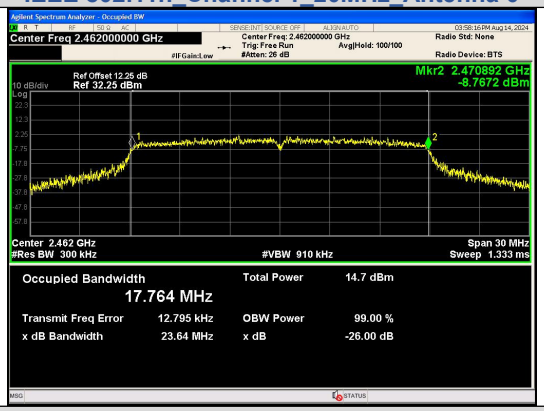
IEEE 802.11g_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 1_20MHz_Antenna 0



IEEE 802.11n_Channel 6_20MHz_Antenna 0



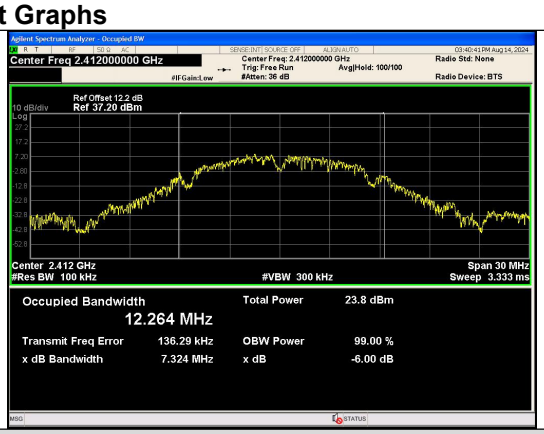
IEEE 802.11n_Channel 11_20MHz_Antenna 0

APPENDIX V.6dB Bandwidth

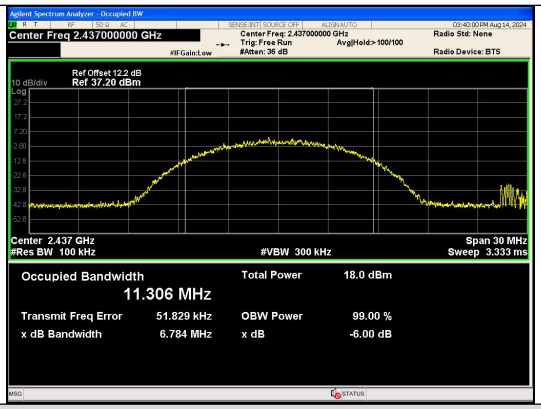
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	7.324	≥0.5	PASS
	6		2437	6.784		PASS
	11		2462	7.018		PASS
IEEE 802.11g	1		2412	15.74		PASS
	6		2437	15.73		PASS
	11		2462	15.69		PASS
IEEE 802.11n_20	1		2412	16.92		PASS
	6		2437	17.15		PASS
	11		2462	17.01		PASS

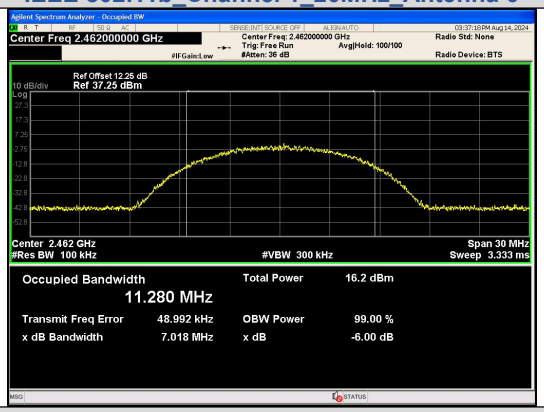
Test Graphs



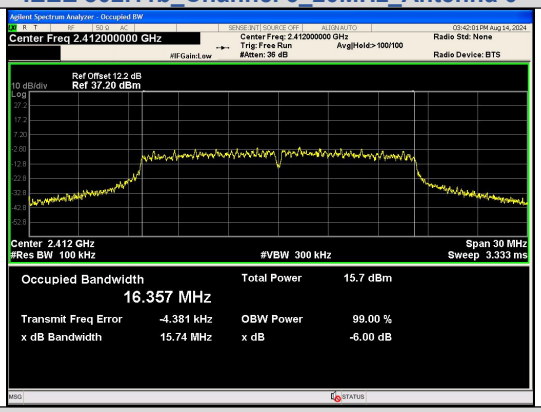
IEEE 802.11b_Channel 1_20MHz_Antenna 0



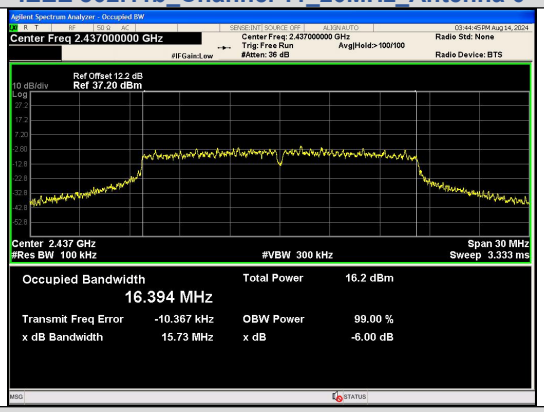
IEEE 802.11b_Channel 6_20MHz_Antenna 0



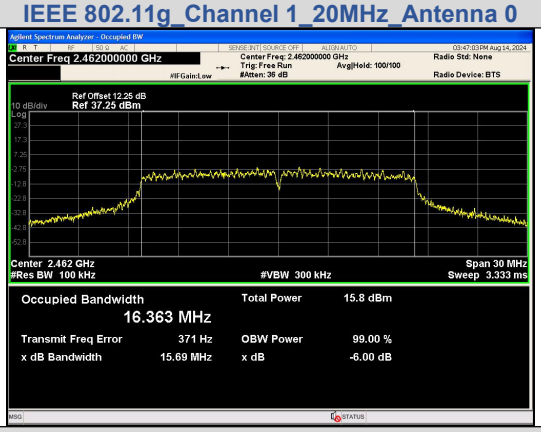
IEEE 802.11b_Channel 11_20MHz_Antenna 0



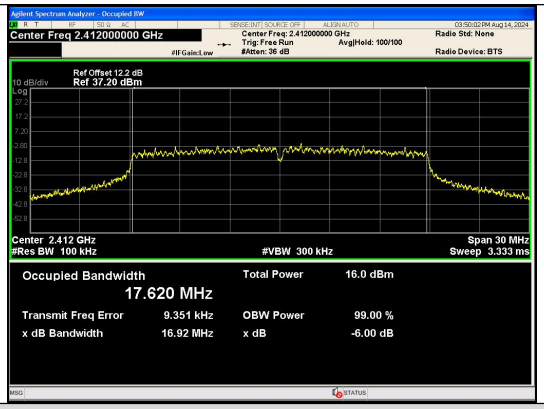
IEEE 802.11g_Channel 1_20MHz_Antenna 0



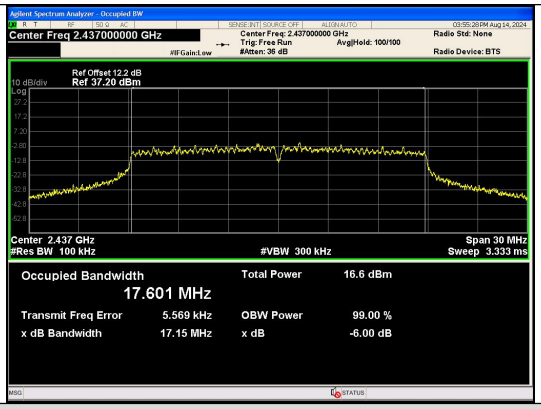
IEEE 802.11g_Channel 6_20MHz_Antenna 0



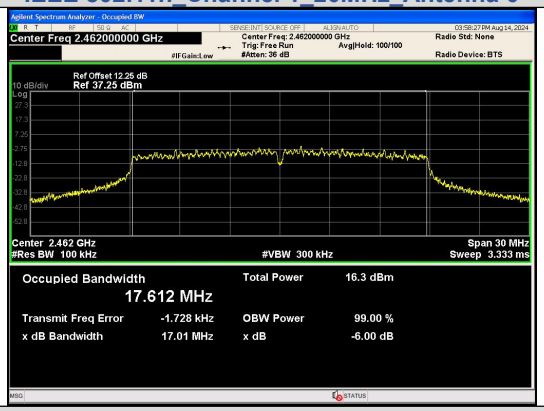
IEEE 802.11g_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 1_20MHz_Antenna 0



IEEE 802.11n_Channel 6_20MHz_Antenna 0



IEEE 802.11n_Channel 11_20MHz_Antenna 0

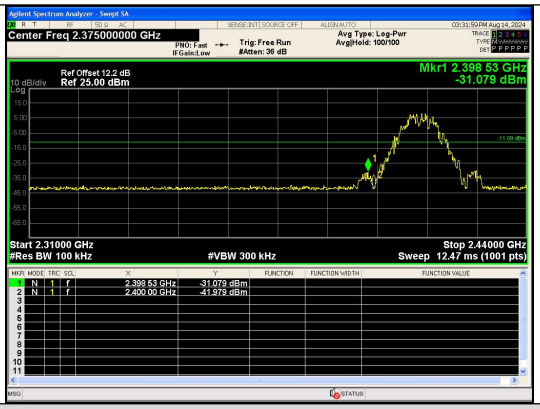
APPENDIX VI.Conducted Out Of Band Emission

Test Result

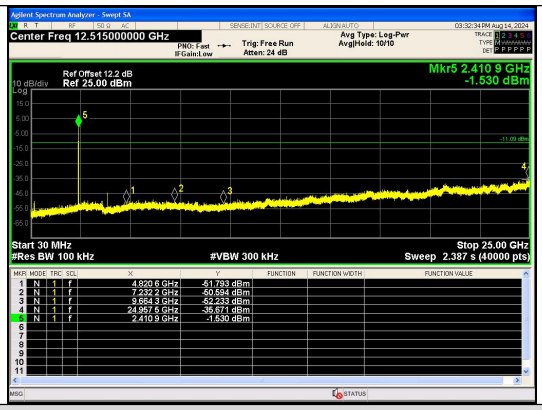
Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2398.53	-31.079	-11.09	-19.989	PASS
			2400.00	-41.979	-11.09	-30.889	PASS
			4820.60	-51.793	-11.09	-40.703	PASS
			7232.20	-50.594	-11.09	-39.504	PASS
			9664.30	-52.233	-11.09	-41.143	PASS
			24957.5	-35.671	-11.09	-24.581	PASS
	6		4875.55	-49.931	-11.23	-38.701	PASS
			7317.05	-50.863	-11.23	-39.633	PASS
			9765.42	-51.477	-11.23	-40.247	PASS
			24953.8	-34.726	-11.23	-23.496	PASS
	11		2483.50	-41.585	-19.39	-22.195	PASS
			4924.24	-42.200	-19.39	-22.810	PASS
			7393.84	-51.021	-19.39	-31.631	PASS
			9853.44	-50.982	-19.39	-31.592	PASS
			24314.6	-36.188	-19.39	-16.797	PASS
IEEE 802.11g	1		2400.00	-32.743	-20.87	-11.873	PASS
			4824.98	-52.185	-20.87	-31.315	PASS
			7232.15	-50.459	-20.87	-29.589	PASS
			9640.57	-52.731	-20.87	-31.861	PASS
			24927.6	-36.232	-20.87	-15.362	PASS
	6		4881.17	-50.994	-20.24	-30.754	PASS
			7318.30	-51.438	-20.24	-31.198	PASS
			9758.56	-52.364	-20.24	-32.124	PASS
			24905.1	-35.586	-20.24	-15.346	PASS
	11		2483.50	-40.380	-20.75	-19.630	PASS
			4923.62	-49.135	-20.75	-28.385	PASS
			7400.70	-51.875	-20.75	-31.125	PASS
			9864.06	-51.991	-20.75	-31.241	PASS
			24942.6	-35.783	-20.75	-15.033	PASS
IEEE 802.11n_20	1		2400.00	-30.711	-21.53	-9.181	PASS
			4804.38	-51.968	-21.53	-30.438	PASS
			7240.89	-50.800	-21.53	-29.270	PASS
			9646.81	-51.480	-21.53	-29.950	PASS
			24913.9	-35.695	-21.53	-14.165	PASS
	6		4877.42	-50.387	-20.23	-30.157	PASS
			7303.32	-51.306	-20.23	-31.076	PASS
			9742.32	-51.184	-20.23	-30.954	PASS
			24915.7	-35.233	-20.23	-15.003	PASS
	11		2483.50	-38.932	-20.89	-18.042	PASS
			4931.73	-50.323	-20.89	-29.433	PASS
			7405.07	-51.733	-20.89	-30.843	PASS
			9864.06	-50.562	-20.89	-29.672	PASS
			24988.1	-35.266	-20.89	-14.376	PASS

Test Graphs

In-Band Reference Level
IEEE 802.11b_Channel 1_20MHz_Antenna 0

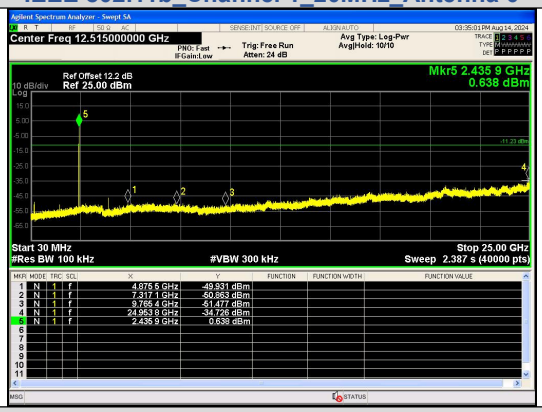


Out Of Band Emission
IEEE 802.11b_Channel 1_20MHz_Antenna 0



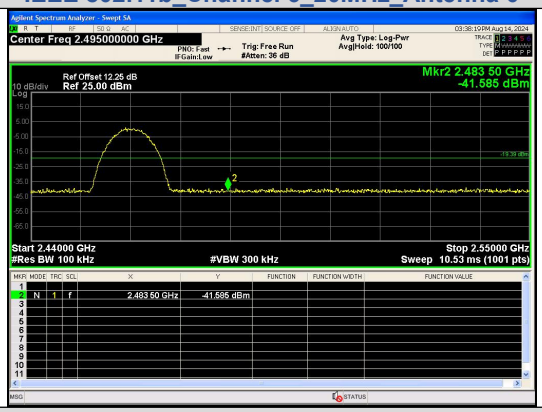
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 1_20MHz_Antenna 0

In-Band Reference Level
IEEE 802.11b_Channel 6_20MHz_Antenna 0

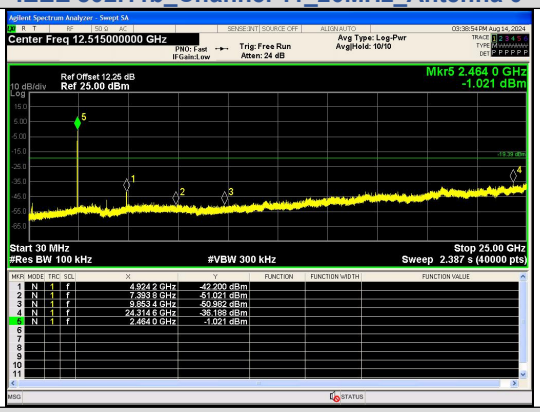


30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 6_20MHz_Antenna 0

In-Band Reference Level
IEEE 802.11b_Channel 11_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11b_Channel 11_20MHz_Antenna 0



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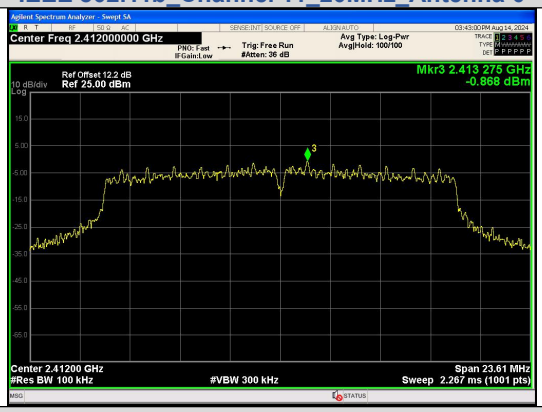
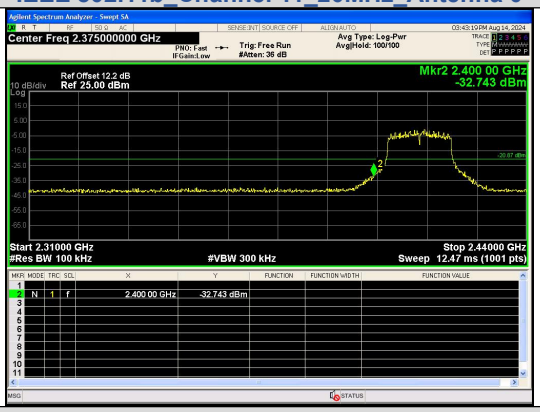
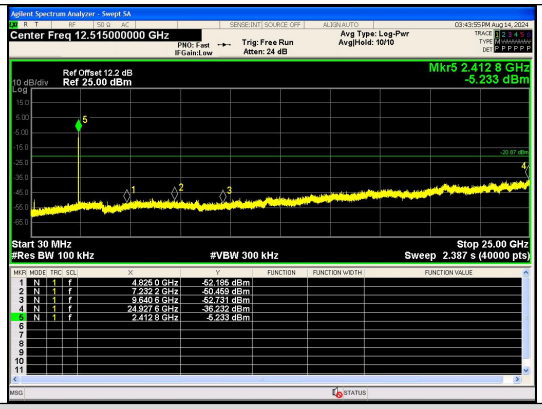
IEEE 802.11b_Channel 11_20MHz_Antenna 0



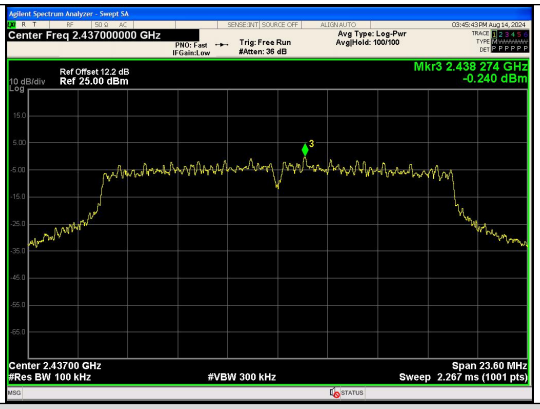
In-Band Reference Level
IEEE 802.11g_Channel 1_20MHz_Antenna 0



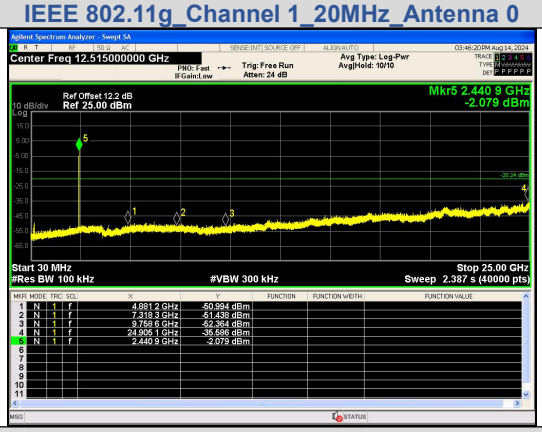
Out Of Band Emission
IEEE 802.11g_Channel 1_20MHz_Antenna 0



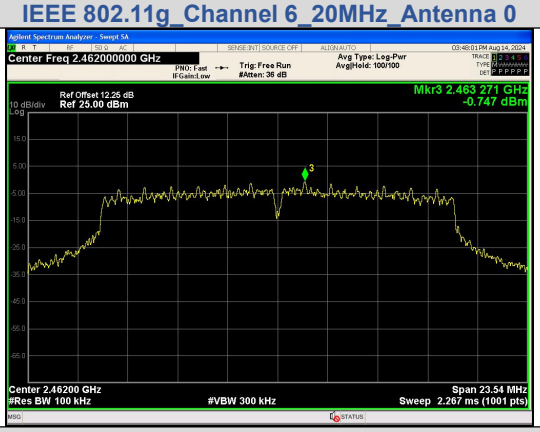
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 1_20MHz_Antenna 0



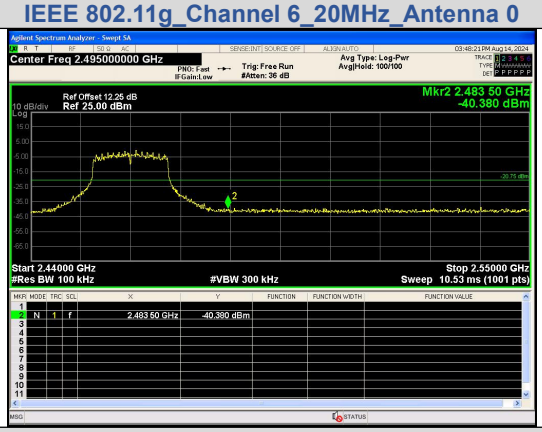
In-Band Reference Level
IEEE 802.11g_Channel 6_20MHz_Antenna 0



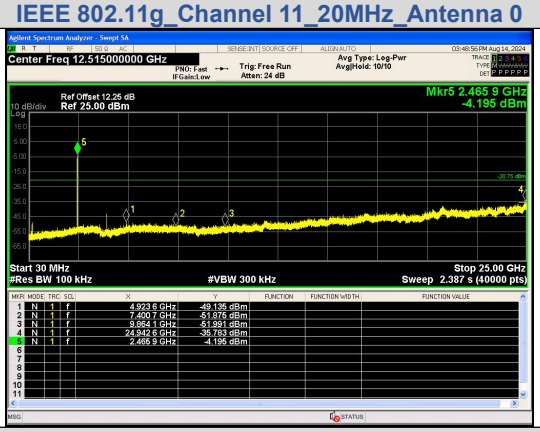
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 6_20MHz_Antenna 0



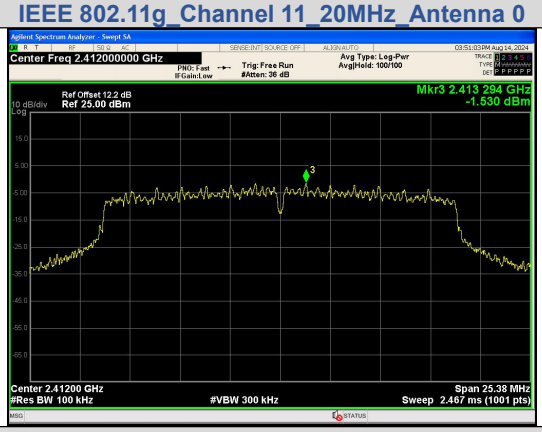
In-Band Reference Level
IEEE 802.11g_Channel 11_20MHz_Antenna 0



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
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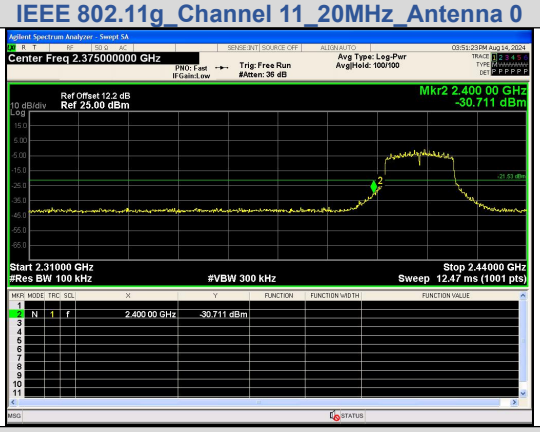

Out Of Band Emission
IEEE 802.11n_Channel 1_20MHz_Antenna 0