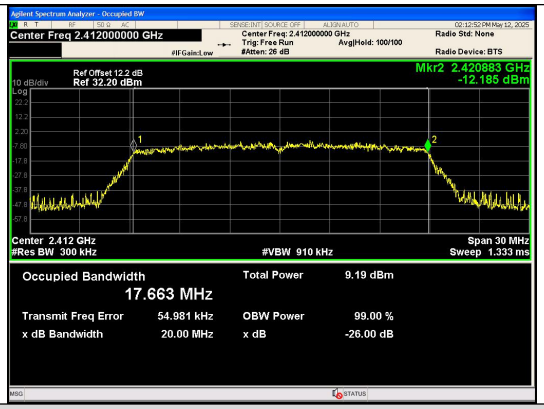
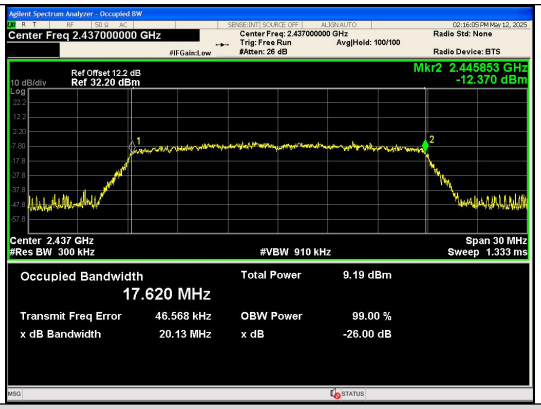
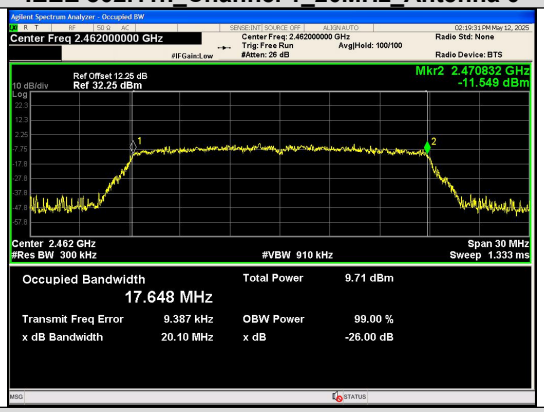


IEEE 802.11n_Channel 1_20MHz_Antenna 0



IEEE 802.11n_Channel 6_20MHz_Antenna 0



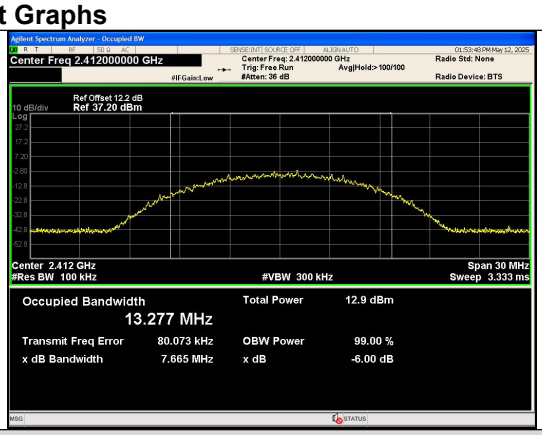
IEEE 802.11n_Channel 11_20MHz_Antenna 0

APPENDIX V. 6dB Bandwidth

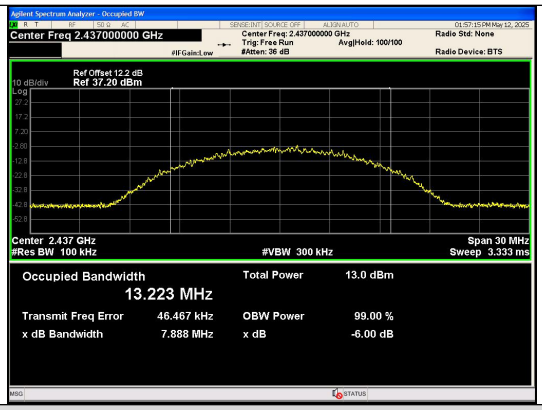
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	7.665	≥0.5	PASS
	6		2437	7.888		PASS
	11		2462	7.659		PASS
IEEE 802.11g	1		2412	16.07		PASS
	6		2437	15.71		PASS
	11		2462	15.44		PASS
IEEE 802.11n_20	1		2412	15.96		PASS
	6		2437	15.12		PASS
	11		2462	15.76		PASS

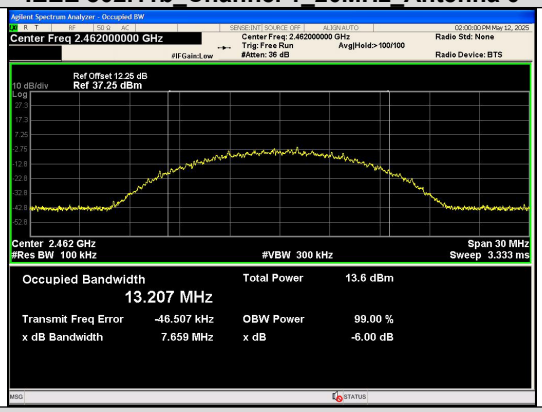
Test Graphs



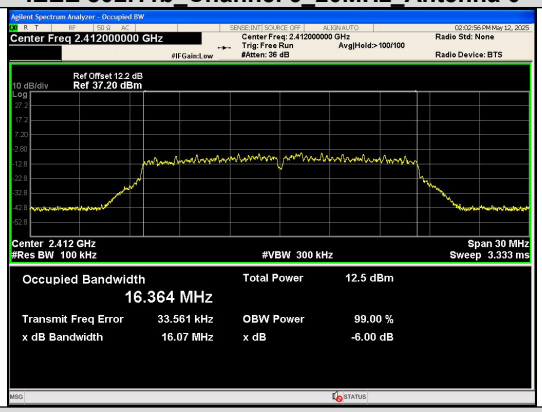
IEEE 802.11b_Channel 1_20MHz_Antenna 0



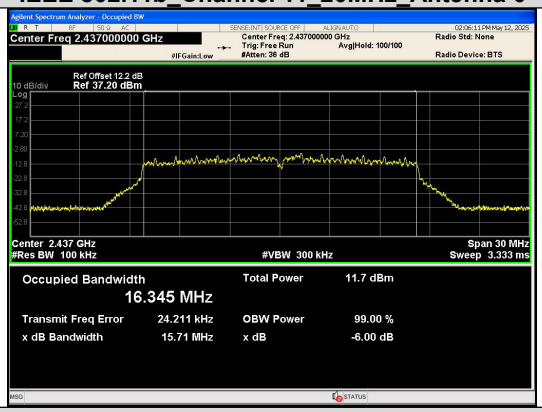
IEEE 802.11b_Channel 6_20MHz_Antenna 0



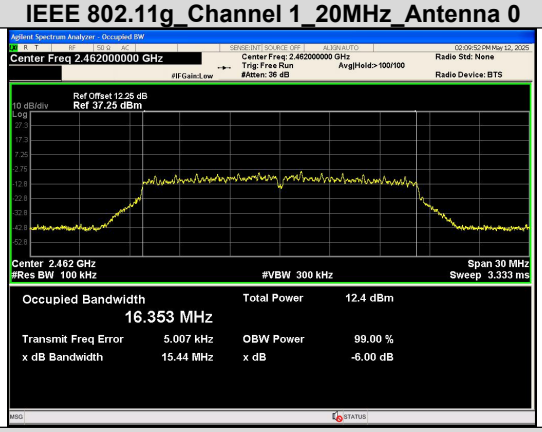
IEEE 802.11b_Channel 11_20MHz_Antenna 0



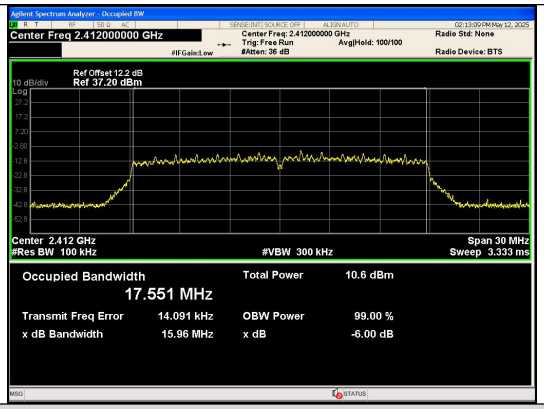
IEEE 802.11g_Channel 1_20MHz_Antenna 0



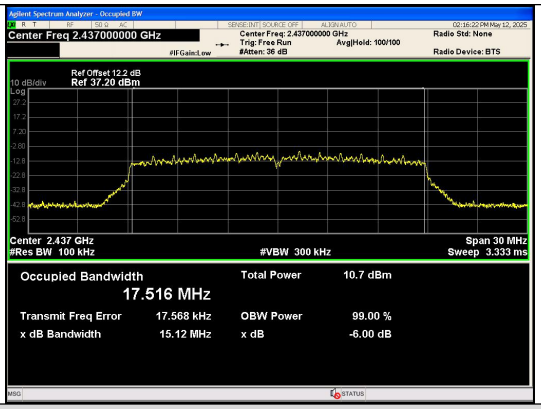
IEEE 802.11g_Channel 6_20MHz_Antenna 0



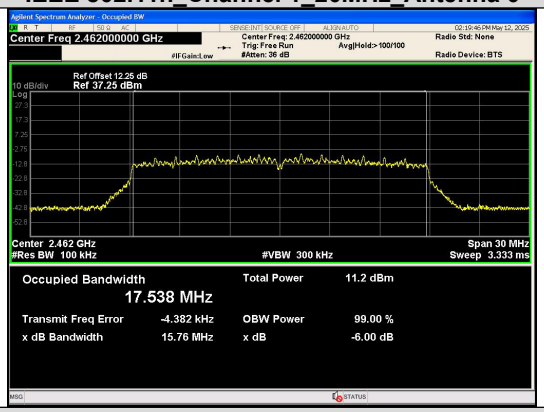
IEEE 802.11g_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 1_20MHz_Antenna 0



IEEE 802.11n_Channel 6_20MHz_Antenna 0



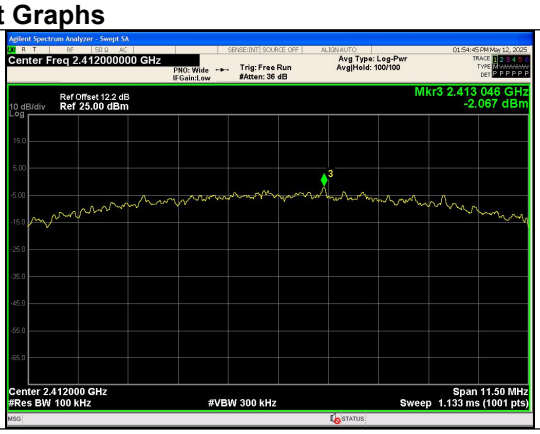
IEEE 802.11n_Channel 11_20MHz_Antenna 0

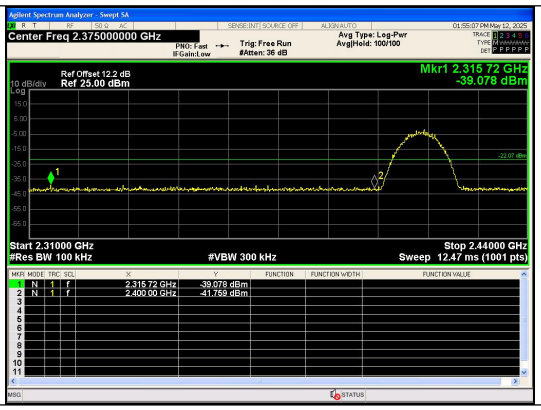
APPENDIX VI. Conducted Out Of Band Emission

Test Result

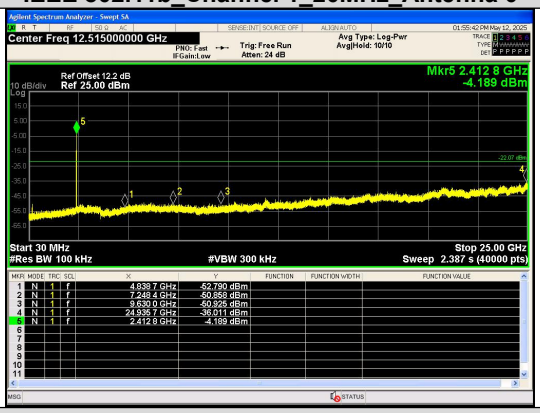
Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2315.72	-39.078	-22.07	-17.008	PASS
			2400.00	-41.759	-22.07	-19.689	PASS
			4838.70	-52.790	-22.07	-30.720	PASS
			7248.40	-50.858	-22.07	-28.788	PASS
			9630.00	-50.925	-22.07	-28.855	PASS
			24935.7	-36.011	-22.07	-13.941	PASS
	6		4871.80	-50.820	-22.06	-28.760	PASS
			7323.30	-50.022	-22.06	-27.962	PASS
			9757.93	-50.938	-22.06	-28.878	PASS
			24935.7	-35.854	-22.06	-13.794	PASS
	11		2483.50	-41.429	-21.24	-20.189	PASS
			4937.98	-52.206	-21.24	-30.966	PASS
			7384.47	-51.427	-21.24	-30.187	PASS
			9858.44	-51.358	-21.24	-30.119	PASS
			24956.9	-35.398	-21.24	-14.158	PASS
IEEE 802.11g	1		2369.28	-39.361	-23.98	-15.381	PASS
			2400.00	-41.368	-23.98	-17.388	PASS
			4805.00	-51.722	-23.98	-27.742	PASS
			7234.60	-50.890	-23.98	-26.910	PASS
			9643.70	-52.656	-23.98	-28.676	PASS
			24912.0	-36.483	-23.98	-12.503	PASS
	6		4867.43	-52.043	-25.33	-26.713	PASS
			7297.70	-49.853	-25.33	-24.523	PASS
			9759.18	-51.442	-25.33	-26.112	PASS
			24977.5	-36.308	-25.33	-10.978	PASS
	11		2483.50	-40.161	-24.44	-15.721	PASS
			4942.97	-51.723	-24.44	-27.283	PASS
			7398.21	-49.643	-24.44	-25.203	PASS
			9840.33	-50.870	-24.44	-26.430	PASS
			24925.7	-36.491	-24.44	-12.051	PASS
IEEE 802.11n_20	1		2344.97	-39.997	-26.26	-13.737	PASS
			2400.00	-42.453	-26.26	-16.193	PASS
			4831.90	-52.008	-26.26	-25.748	PASS
			7245.30	-49.479	-26.26	-23.219	PASS
			9653.10	-52.119	-26.26	-25.859	PASS
			24956.3	-35.679	-26.26	-9.419	PASS
	6		4880.54	-51.860	-26.1	-25.760	PASS
			7305.82	-50.333	-26.1	-24.233	PASS
			9761.05	-51.544	-26.1	-25.444	PASS
			24900.7	-34.538	-26.1	-8.438	PASS
	11		2483.50	-41.676	-25.87	-15.806	PASS
			4937.35	-51.372	-25.87	-25.502	PASS
			7382.60	-51.988	-25.87	-26.118	PASS
			9848.45	-50.380	-25.87	-24.510	PASS
			24964.4	-36.083	-25.87	-10.213	PASS

Test Graphs



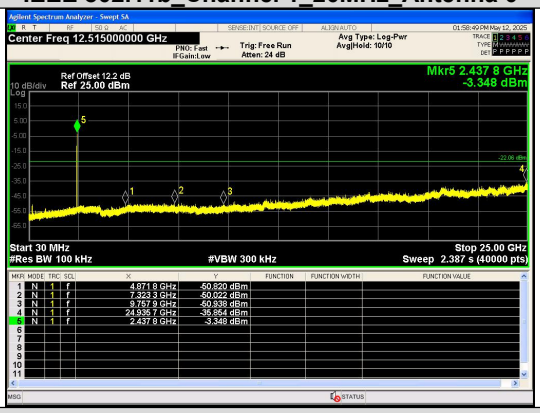


In-Band Reference Level
IEEE 802.11b_Channel 1_20MHz_Antenna 0



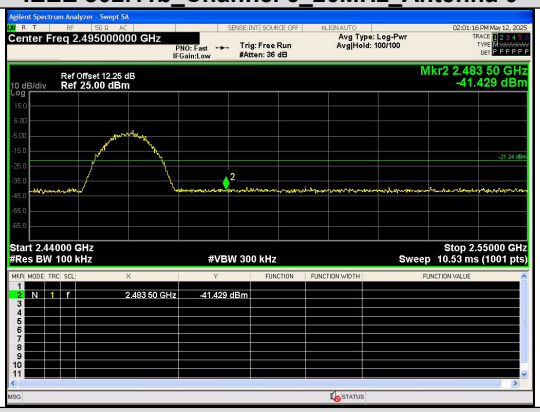
Out Of Band Emission
IEEE 802.11b_Channel 1_20MHz_Antenna 0

30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 1_20MHz_Antenna 0

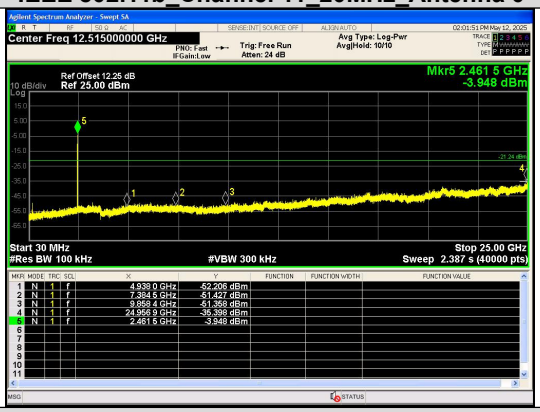


In-Band Reference Level
IEEE 802.11b_Channel 6_20MHz_Antenna 0

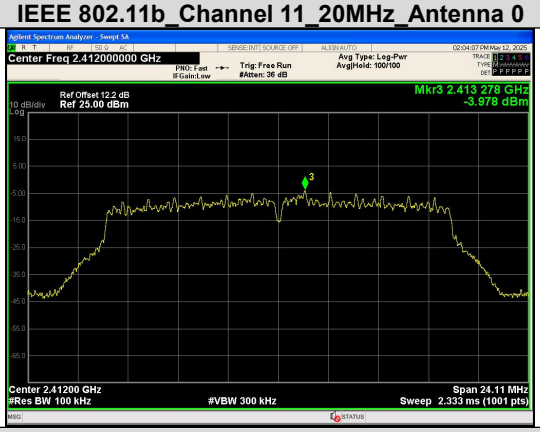
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 6_20MHz_Antenna 0



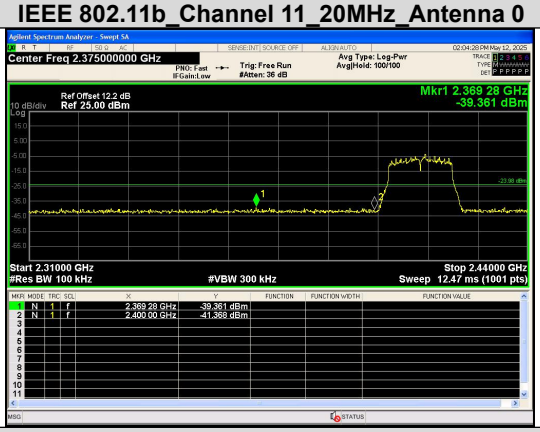
In-Band Reference Level
IEEE 802.11b_Channel 11_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11b_Channel 11_20MHz_Antenna 0

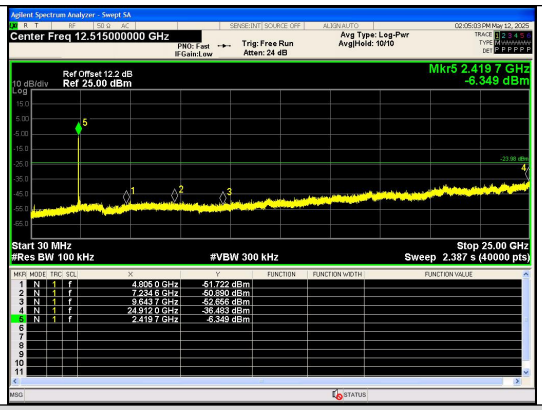


30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 11_20MHz_Antenna 0



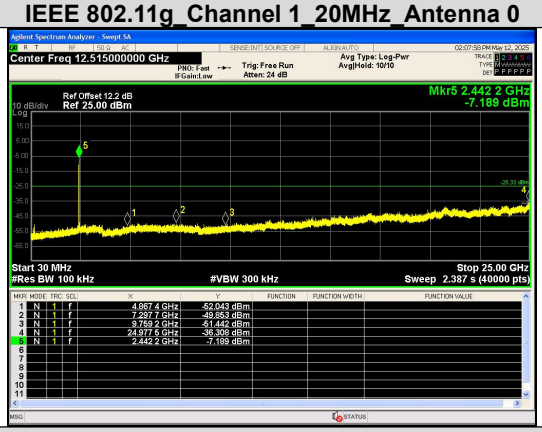
In-Band Reference Level
IEEE 802.11g_Channel 1_20MHz_Antenna 0

Out Of Band Emission
IEEE 802.11g_Channel 1_20MHz_Antenna 0

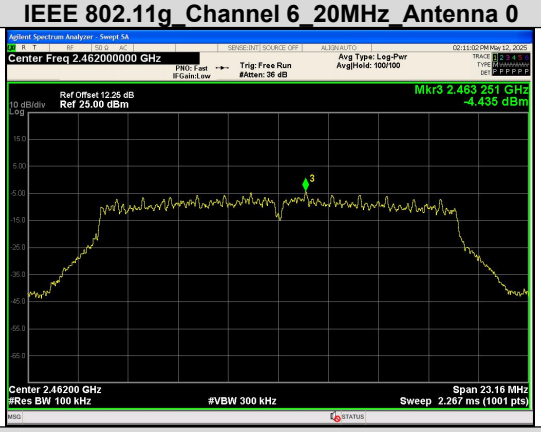


30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 1_20MHz_Antenna 0

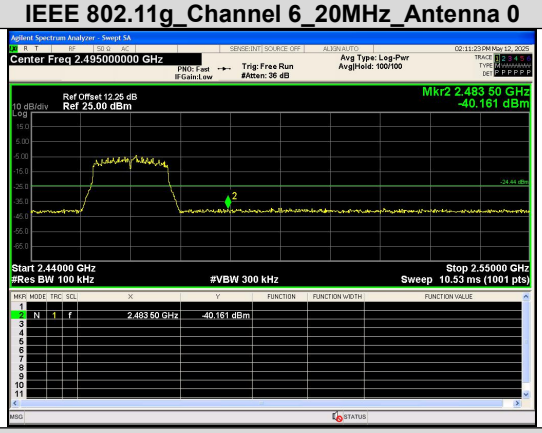
In-Band Reference Level
IEEE 802.11g_Channel 6_20MHz_Antenna 0



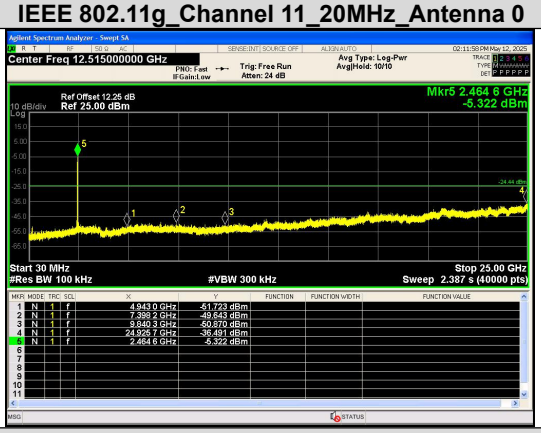
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 6_20MHz_Antenna 0



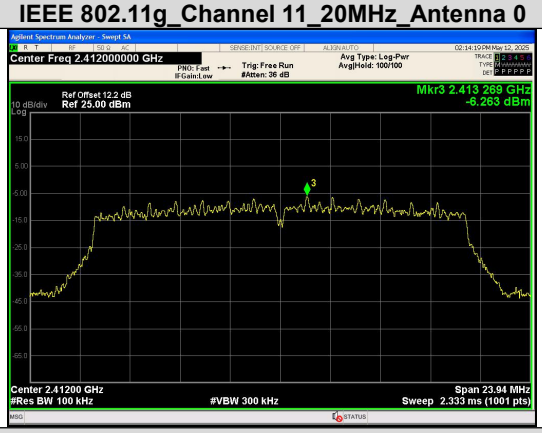
In-Band Reference Level
IEEE 802.11g_Channel 11_20MHz_Antenna 0



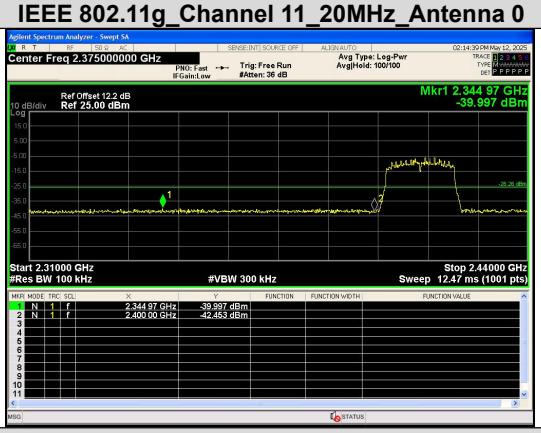
Out Of Band Emission
IEEE 802.11g_Channel 11_20MHz_Antenna 0



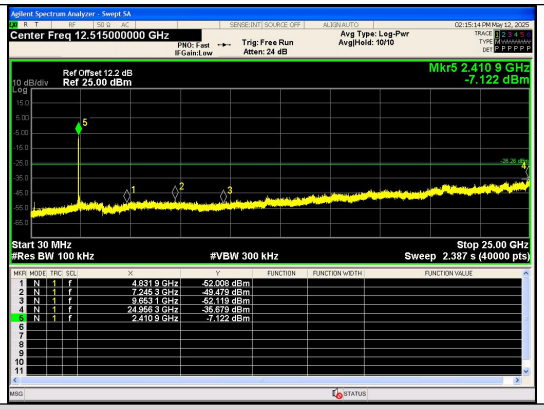
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 11_20MHz_Antenna 0



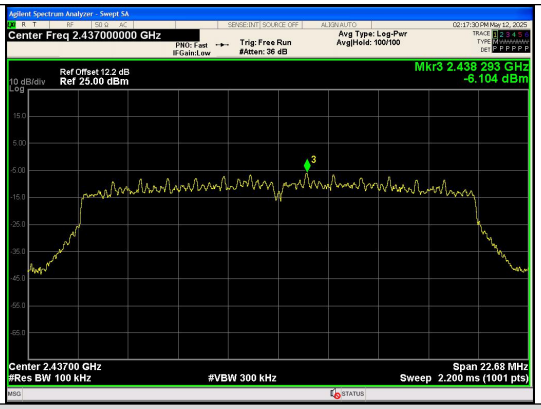
In-Band Reference Level
IEEE 802.11n_Channel 1_20MHz_Antenna 0



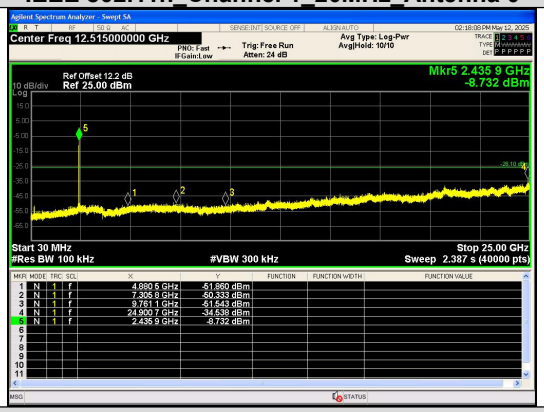
Out Of Band Emission
IEEE 802.11n_Channel 1_20MHz_Antenna 0



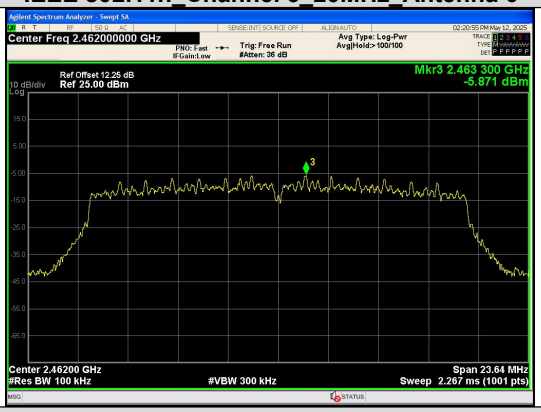
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 1_20MHz_Antenna 0



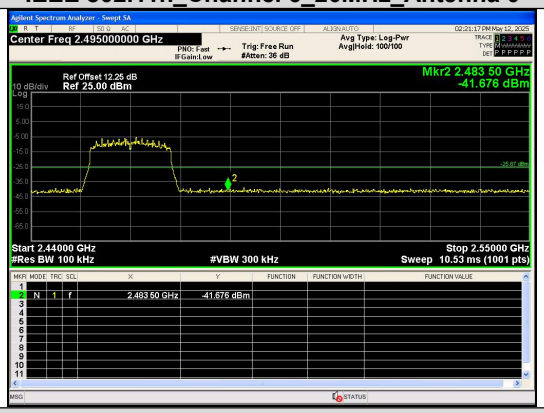
In-Band Reference Level
IEEE 802.11n_Channel 6_20MHz_Antenna 0



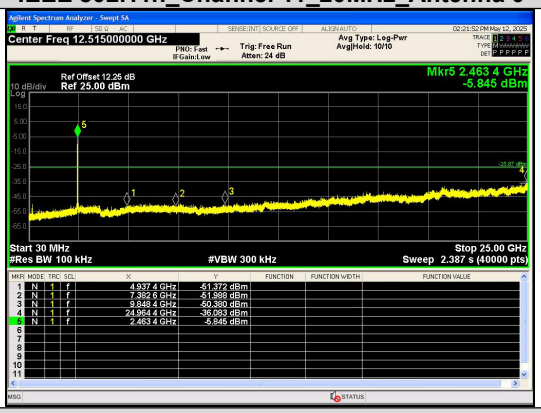
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 6_20MHz_Antenna 0



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 11_20MHz_Antenna 0

********** End of Report **********