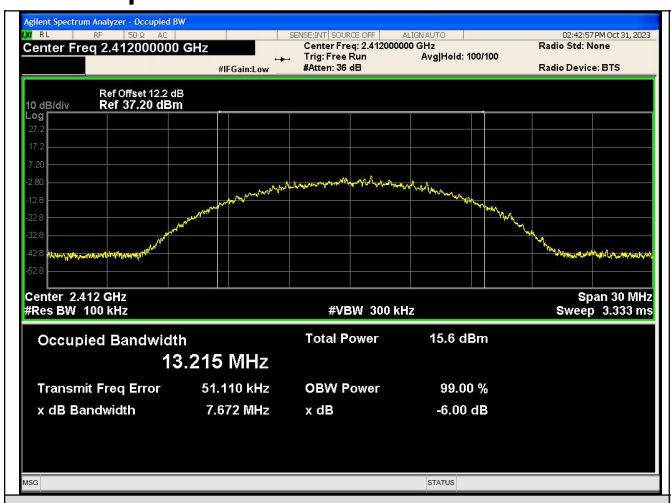
APPENDIX III.6dB Bandwidth

Antenna 1:

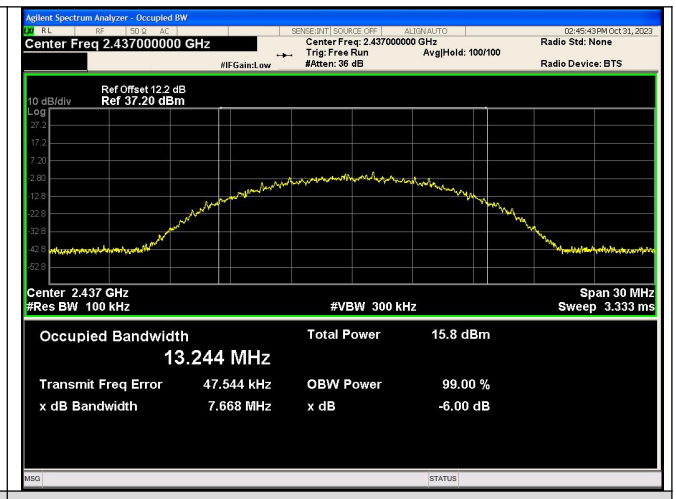
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	1	2412	7.672	0.5	PASS
	6		2437	7.668		PASS
	11		2462	7.669		PASS
IEEE 802.11g	1		2412	15.75		PASS
	6		2437	15.51		PASS
	11		2462	16.04		PASS
IEEE 802.11n_20	1		2412	15.36		PASS
	6		2437	16.54		PASS
	11		2462	16.04		PASS
IEEE 802.11n_40	3		2422	35.37		PASS
	6		2437	35.11		PASS
	9		2452	35.11		PASS

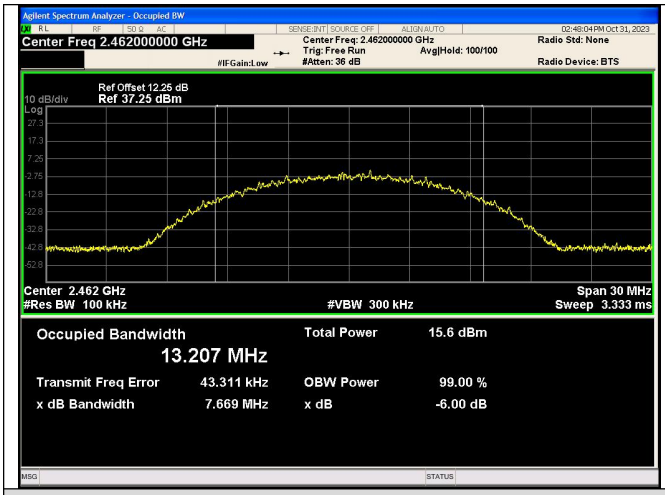
Test Graphs



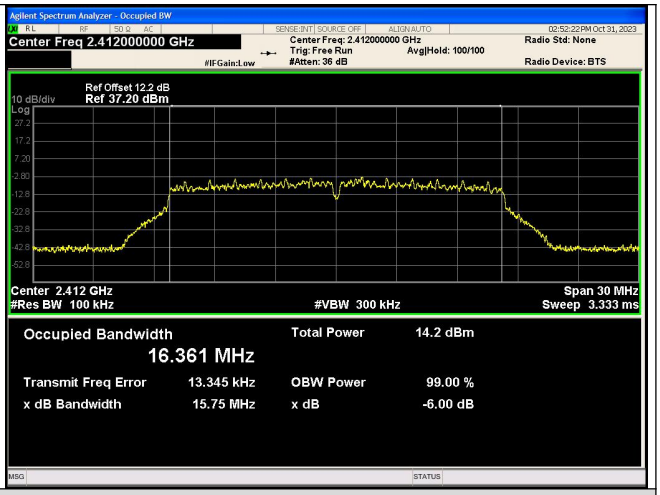
IEEE 802.11b_Channel 1_20MHz_Antenna 0



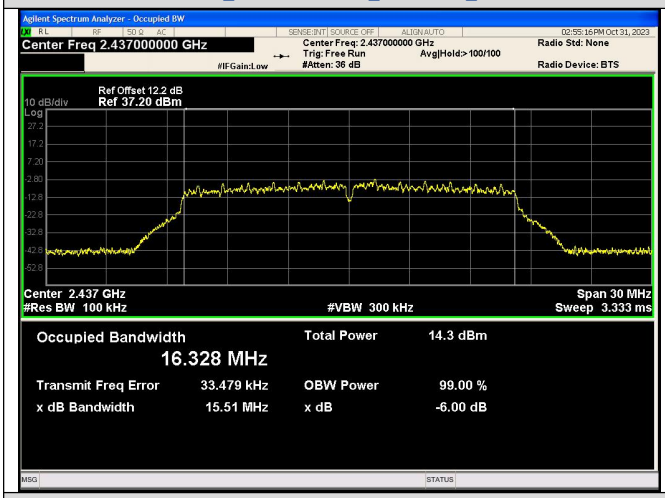
IEEE 802.11b_Channel 6_20MHz_Antenna 0



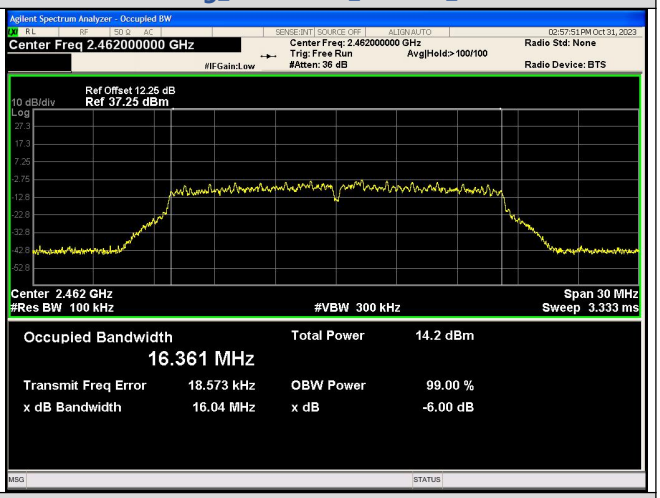
IEEE 802.11b_Channel 11_20MHz_Antenna 0



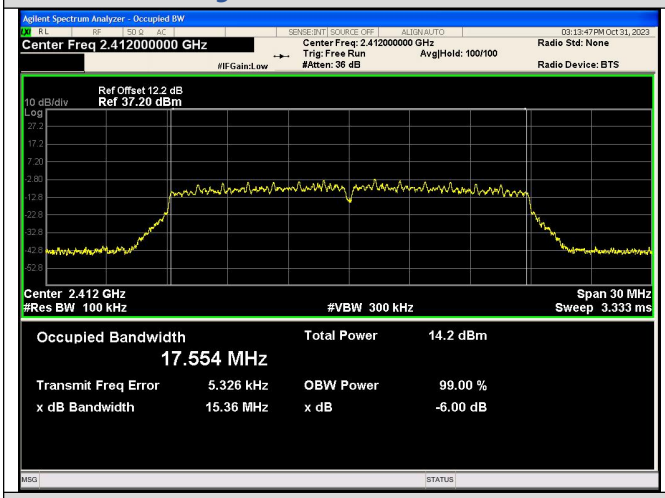
IEEE 802.11g_Channel 1_20MHz_Antenna 0



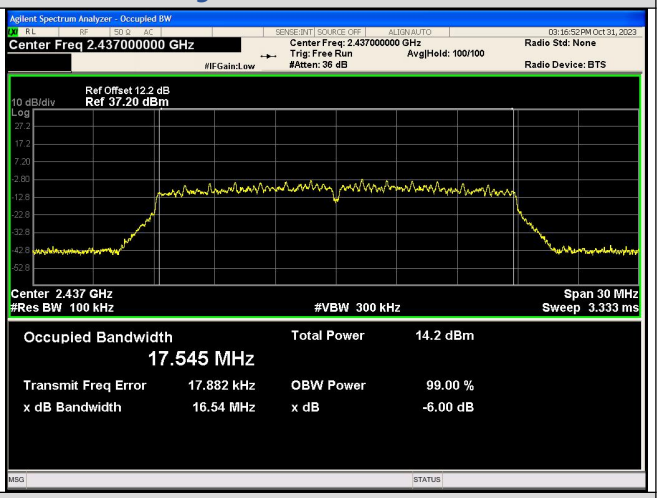
IEEE 802.11g_Channel 6_20MHz_Antenna 0



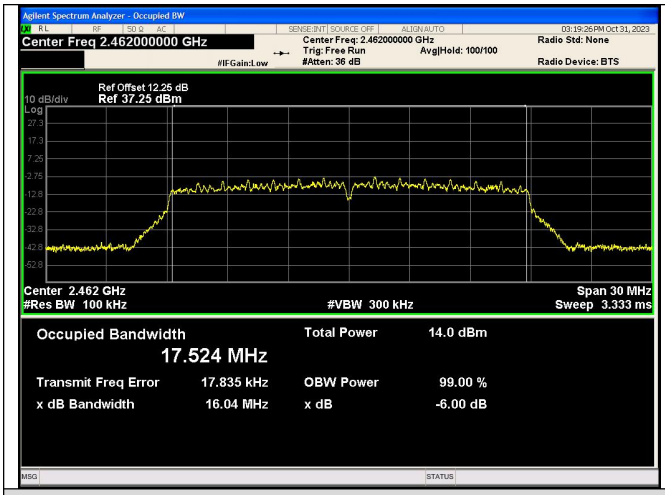
IEEE 802.11g_Channel 11_20MHz_Antenna 0



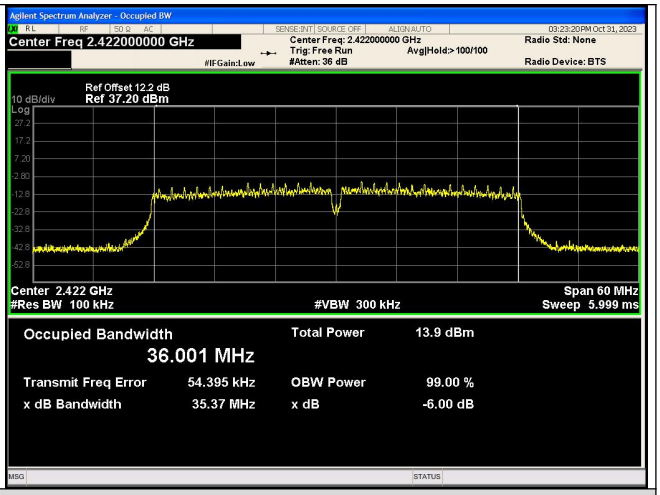
IEEE 802.11n_Channel 1_20MHz_Antenna 0



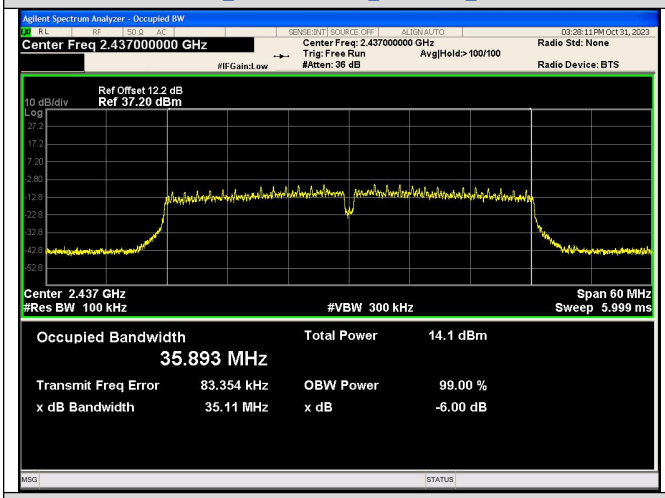
IEEE 802.11n_Channel 6_20MHz_Antenna 0



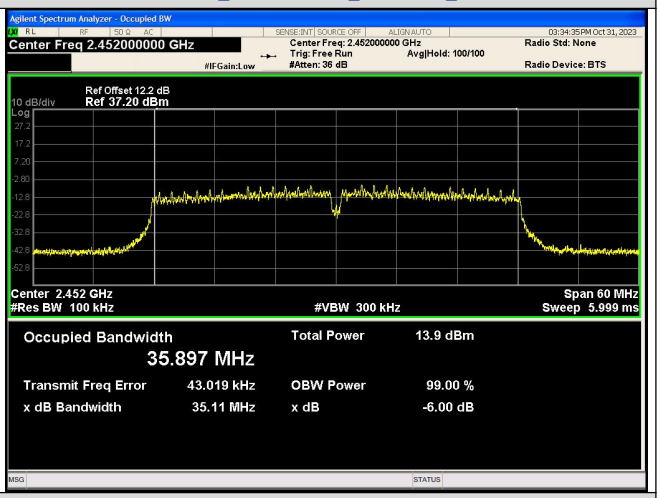
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



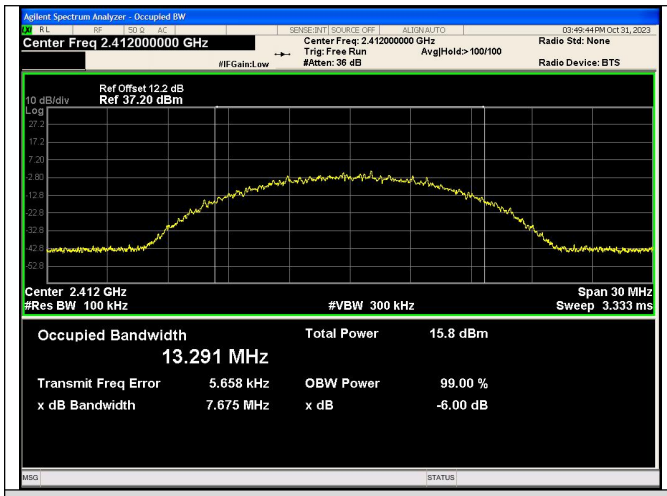
IEEE 802.11n_Channel 9_40MHz_Antenna 0

Antenna 2:

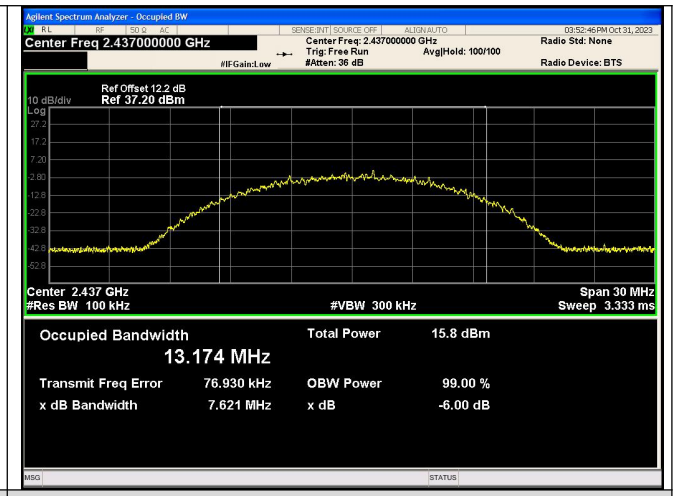
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	2	2412	7.675	0.5	PASS
	6		2437	7.621		PASS
	11		2462	8.093		PASS
IEEE 802.11g	1		2412	15.79		PASS
	6		2437	15.57		PASS
	11		2462	16.01		PASS
IEEE 802.11n_20	1		2412	15.95		PASS
	6		2437	16.05		PASS
	11		2462	16.62		PASS
IEEE 802.11n_40	3		2422	35.38		PASS
	6		2437	35.33		PASS
	9		2452	35.12		PASS

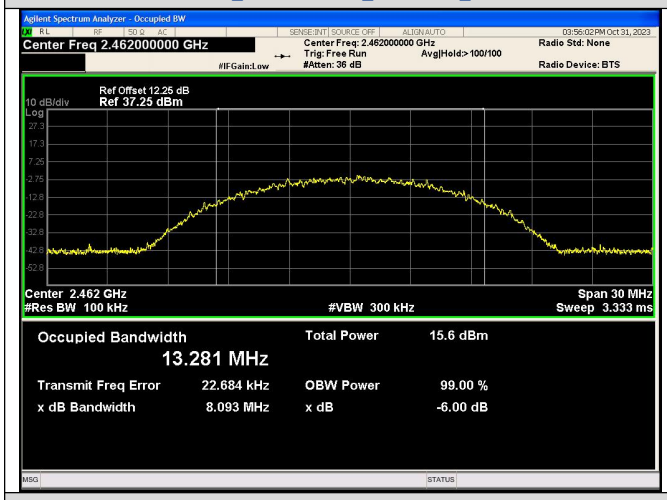
Test Graphs



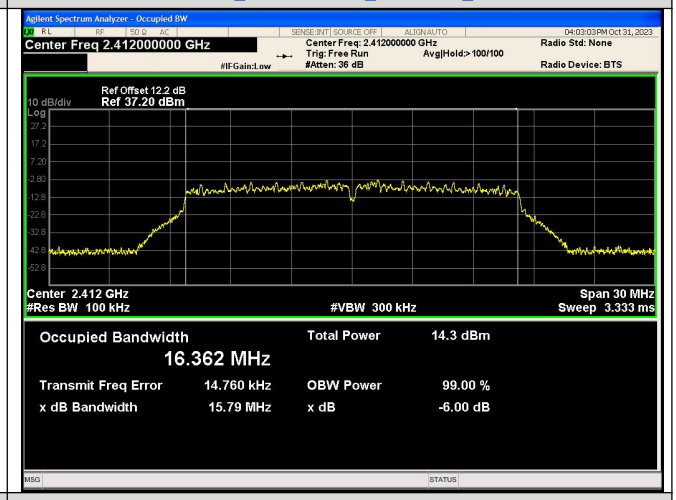
IEEE 802.11b_Channel 1_20MHz_Antenna 0



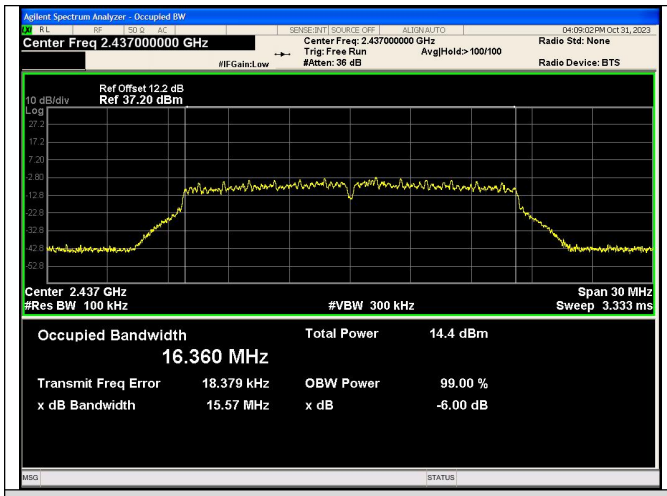
IEEE 802.11b_Channel 6_20MHz_Antenna 0



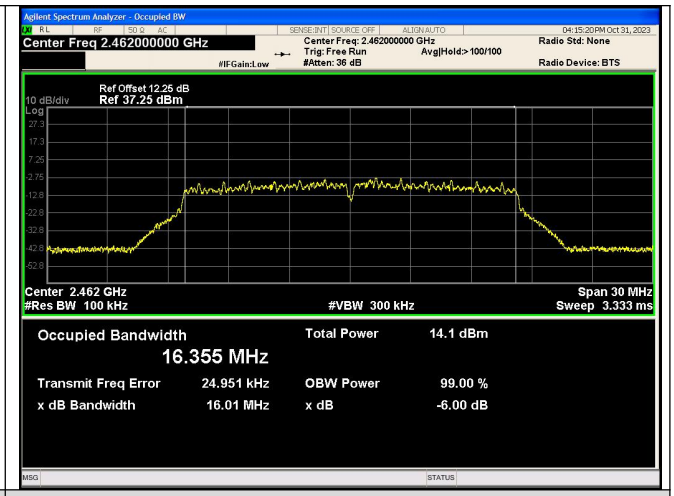
IEEE 802.11b_Channel 11_20MHz_Antenna 0



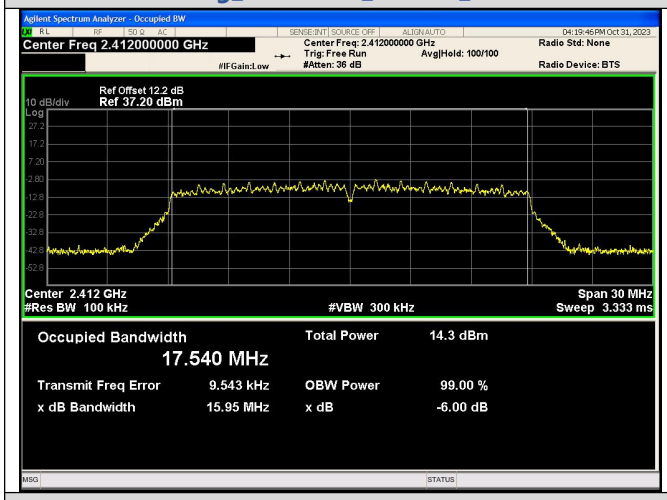
IEEE 802.11g_Channel 1_20MHz_Antenna 0



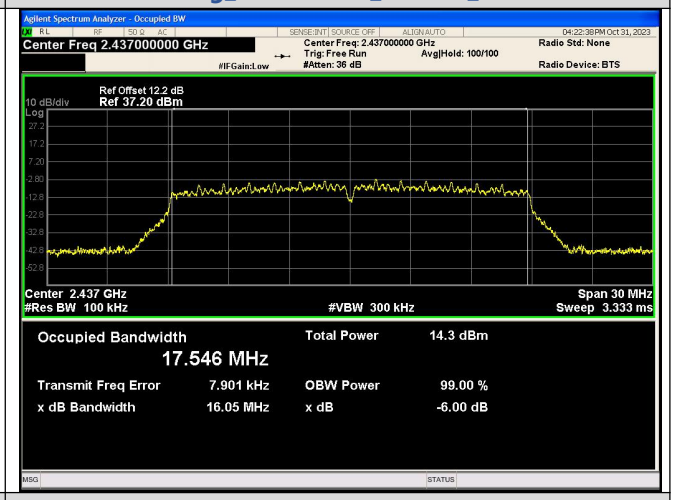
IEEE 802.11g_Channel 6_20MHz_Antenna 0



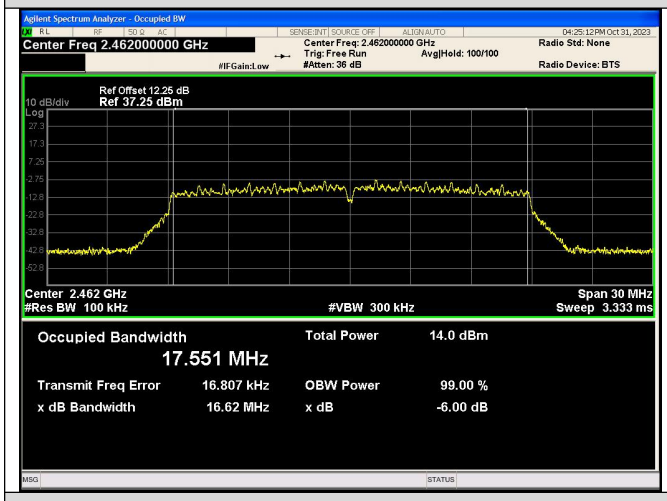
IEEE 802.11g_Channel 11_20MHz_Antenna 0



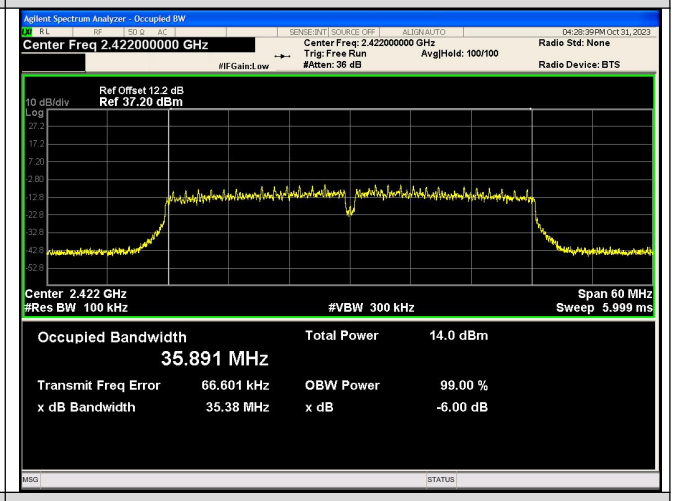
IEEE 802.11n_Channel 1_20MHz_Antenna 0



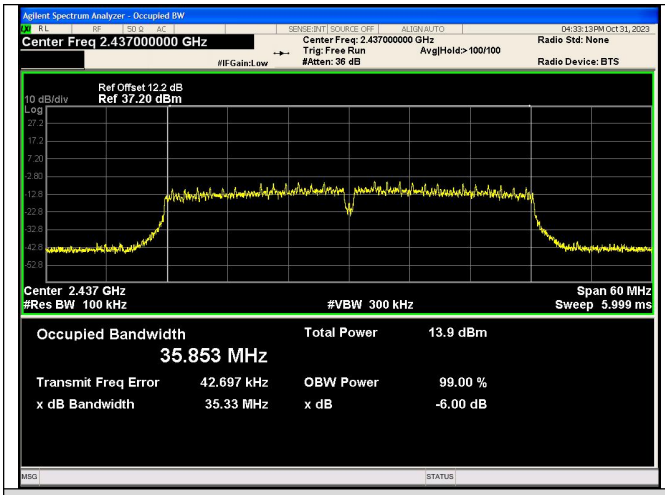
IEEE 802.11n_Channel 6_20MHz_Antenna 0



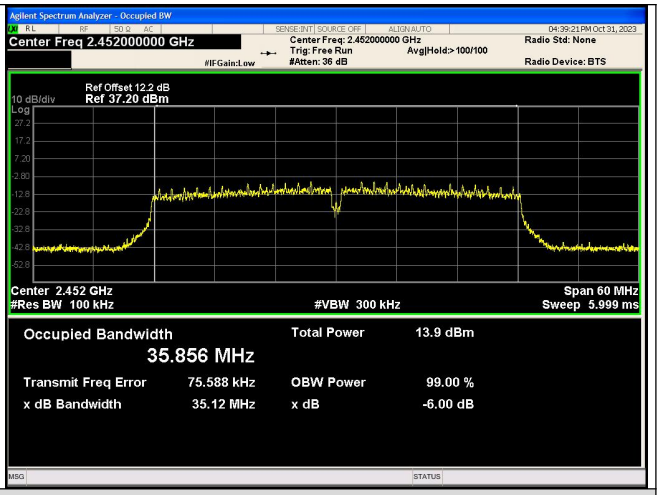
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



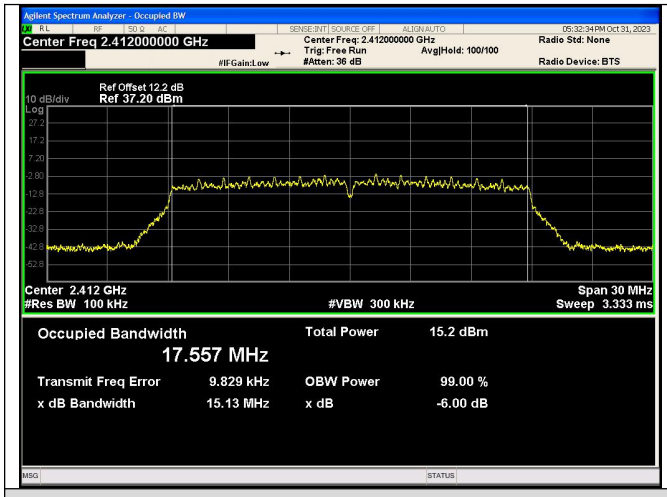
IEEE 802.11n_Channel 9_40MHz_Antenna 0

Antenna 1+2:

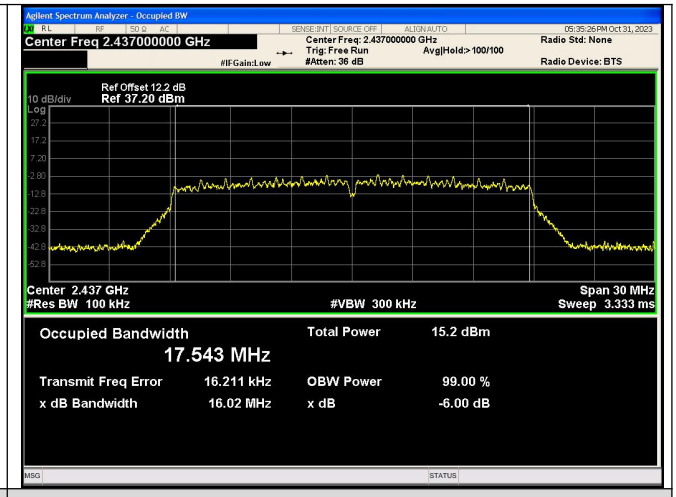
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11n_20	1	1+2	2412	15.13	0.5	PASS
	6		2437	16.02		PASS
	11		2462	16.01		PASS
IEEE 802.11n_40	3		2422	35.34		PASS
	6		2437	35.69		PASS
	9		2452	35.12		PASS

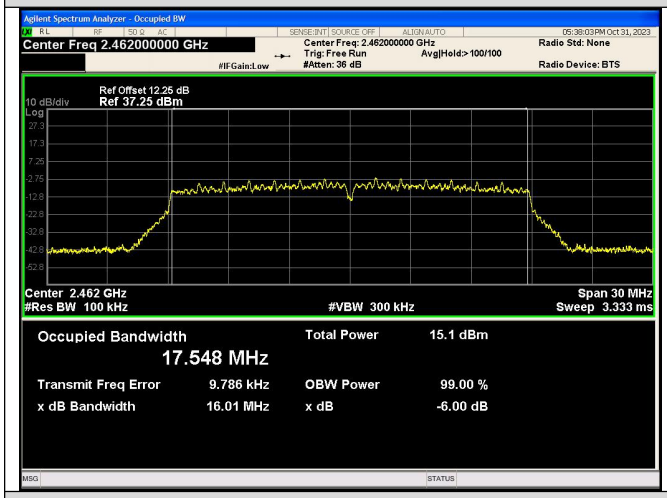
Test Graphs



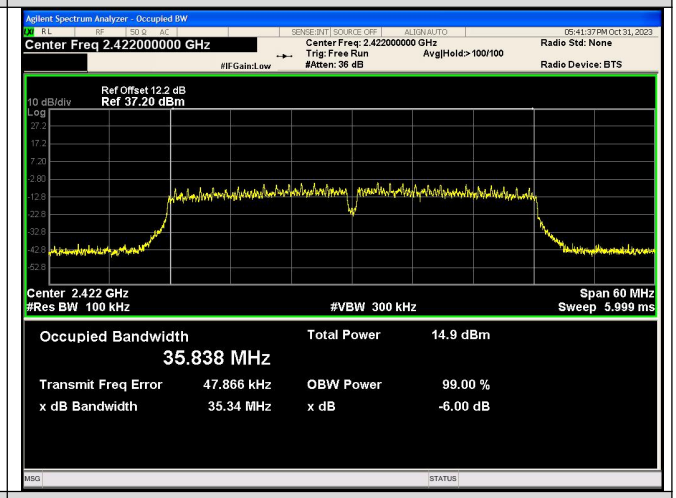
IEEE 802.11n_Channel 1_20MHz_Antenna 0



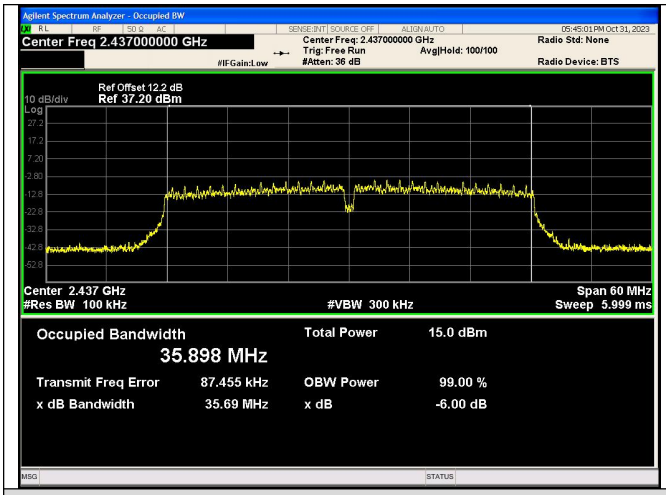
IEEE 802.11n_Channel 6_20MHz_Antenna 0



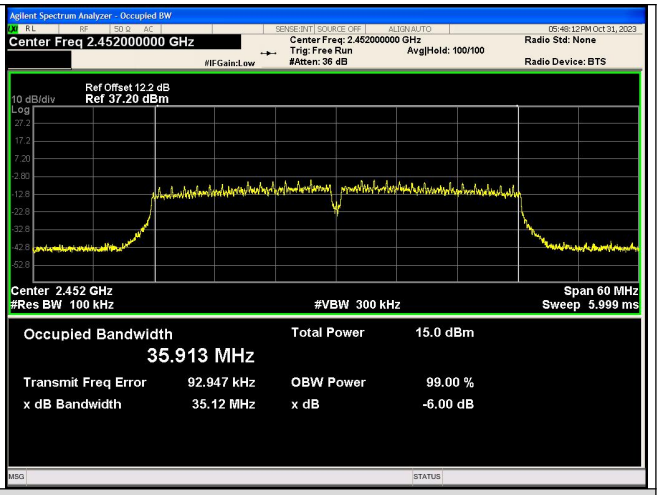
IEEE 802.11n_Channel 11_20MHz_Antenna 0



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 IV.Conducted Out Of Band Emission

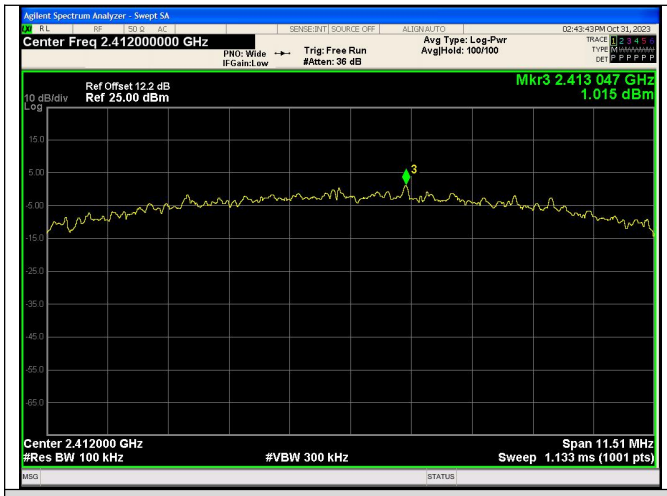
Antenna 1:

Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	1	2400.00	-41.185	-18.99	-22.195	PASS
			2384.36	-39.711	-18.99	-20.721	PASS
			4841.20	-51.942	-18.99	-32.952	PASS
			7217.80	-50.167	-18.99	-31.177	PASS
			9645.60	-52.045	-18.99	-33.055	PASS
			24937.6	-36.141	-18.99	-17.151	PASS
	6		4864.94	-51.786	-18.82	-32.966	PASS
			7315.80	-50.671	-18.82	-31.851	PASS
			9756.68	-50.430	-18.82	-31.610	PASS
			24996.9	-35.467	-18.82	-16.647	PASS
	11		2483.50	-40.799	-19.21	-21.589	PASS
			4924.87	-51.248	-19.21	-32.038	PASS
			7378.23	-51.481	-19.21	-32.271	PASS
			9847.83	-51.960	-19.21	-32.750	PASS
			24979.4	-34.718	-19.21	-15.508	PASS
IEEE 802.11g	1		2400.00	-41.500	-22.49	-19.010	PASS
			2346.01	-40.105	-22.49	-17.615	PASS
			4828.10	-52.189	-22.49	-29.699	PASS
			7255.90	-50.543	-22.49	-28.053	PASS
			9640.60	-50.612	-22.49	-28.122	PASS
			24972.5	-35.948	-22.49	-13.458	PASS
	6		4881.17	-52.207	-22.47	-29.737	PASS
			7308.94	-50.750	-22.47	-28.280	PASS
			9749.19	-51.173	-22.47	-28.703	PASS
			24919.5	-35.019	-22.47	-12.549	PASS
	11		2483.50	-41.565	-22.88	-18.685	PASS
			4904.89	-51.839	-22.88	-28.959	PASS
			7386.97	-51.688	-22.88	-28.808	PASS
			9832.84	-50.106	-22.88	-27.226	PASS
			24915.1	-34.064	-22.88	-11.184	PASS
IEEE 802.11n_20	1		2400.00	-40.981	-22.49	-18.491	PASS
			2357.06	-39.851	-22.49	-17.361	PASS
			4821.90	-52.525	-22.49	-30.035	PASS
			7216.50	-51.496	-22.49	-29.006	PASS
			9643.10	-51.623	-22.49	-29.134	PASS
			24951.3	-35.352	-22.49	-12.862	PASS

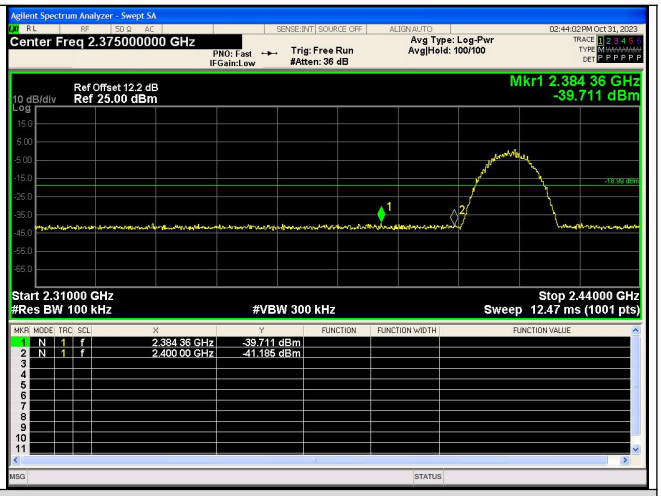
	6		4889.91	-52.579	-22.41	-30.169	PASS
			7302.07	-50.582	-22.41	-28.172	PASS
			9755.43	-51.536	-22.41	-29.126	PASS
			24904.5	-34.788	-22.41	-12.378	PASS
	11		2483.50	-41.486	-22.73	-18.756	PASS
			4909.26	-52.476	-22.73	-29.746	PASS
			7381.98	-51.058	-22.73	-28.328	PASS
			9829.72	-51.922	-22.73	-29.192	PASS
			24910.7	-35.588	-22.73	-12.858	PASS
IEEE 802.11n_40	3		2400.00	-41.351	-25.44	-15.911	PASS
			2394.76	-39.426	-25.44	-13.986	PASS
			4829.40	-51.967	-25.44	-26.527	PASS
			7237.80	-50.843	-25.44	-25.403	PASS
			9672.40	-51.492	-25.44	-26.052	PASS
			24909.5	-34.889	-25.44	-9.449	PASS
	6		4834.35	-51.558	-25.52	-26.038	PASS
			7316.43	-50.074	-25.52	-24.554	PASS
			9771.04	-50.470	-25.52	-24.950	PASS
			24945.1	-34.982	-25.52	-9.462	PASS
	9		2483.50	-41.991	-25.59	-16.401	PASS
			4936.10	-52.076	-25.59	-26.486	PASS
			7351.39	-48.970	-25.59	-23.380	PASS
			9792.27	-51.222	-25.59	-25.632	PASS
			24879.5	-35.935	-25.59	-10.345	PASS

Test Graphs



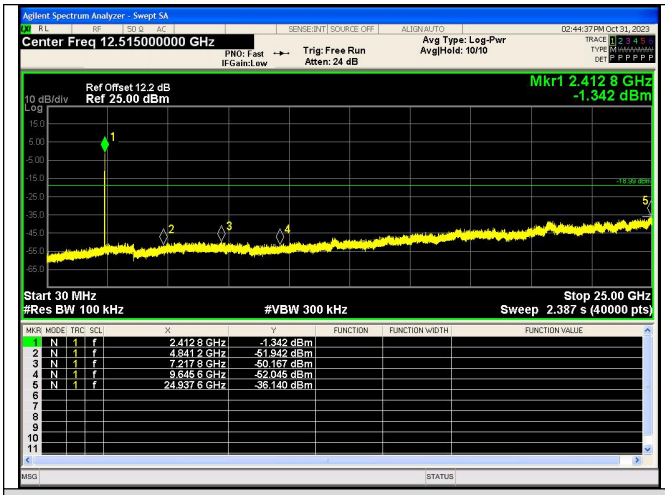
In-Band Reference Level

IEEE 802.11b_Channel 1_20MHz_Antenna 0



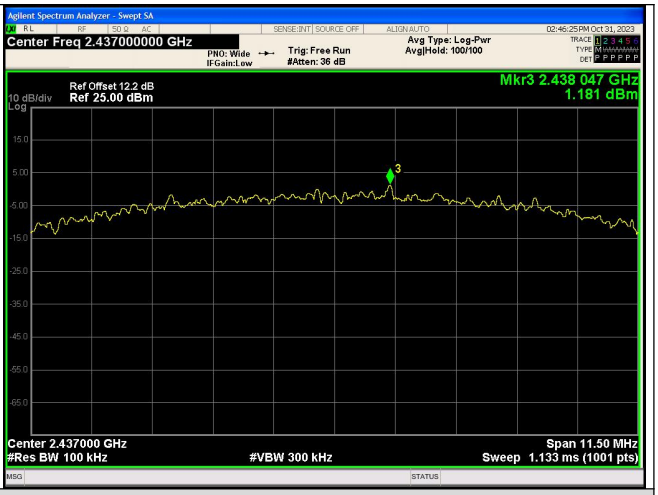
Out Of Band Emission

IEEE 802.11b_Channel 1_20MHz_Antenna 0



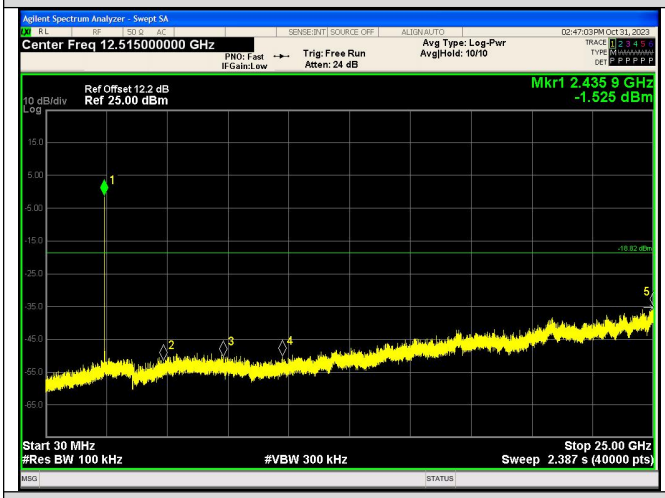
Spurious Emission

IEEE 802.11b_Channel 1_20MHz_Antenna 0



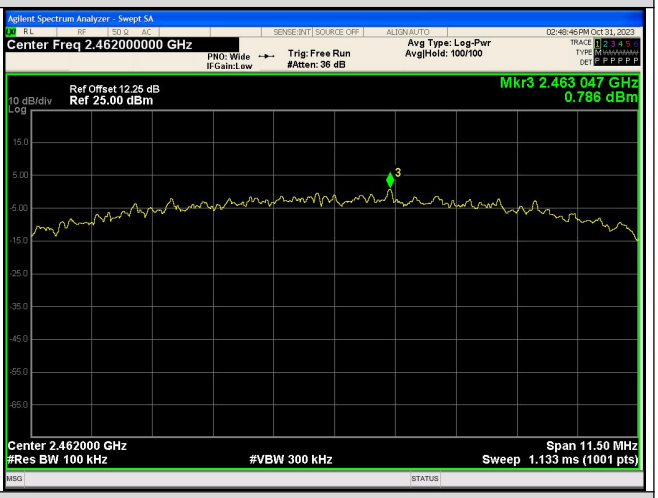
In-Band Reference Level

IEEE 802.11b_Channel 6_20MHz_Antenna 0



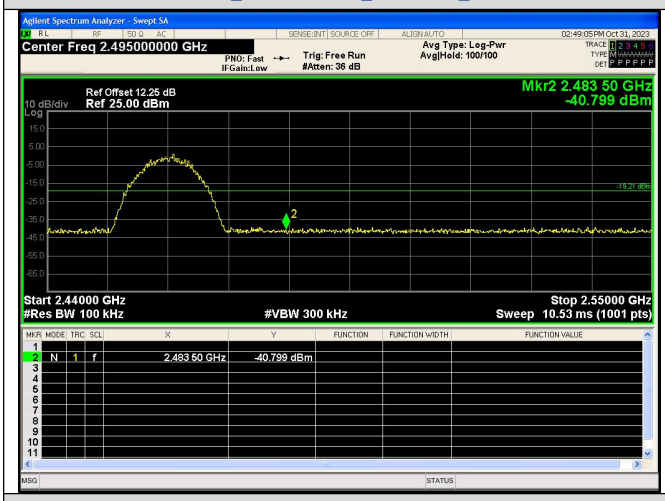
Spurious Emissions

IEEE 802.11b_Channel 6_20MHz_Antenna 0



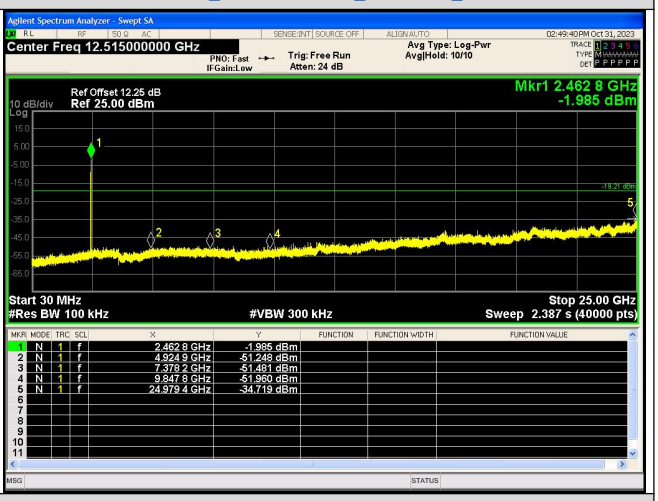
In-Band Reference Level

IEEE 802.11b_Channel 11_20MHz_Antenna 0



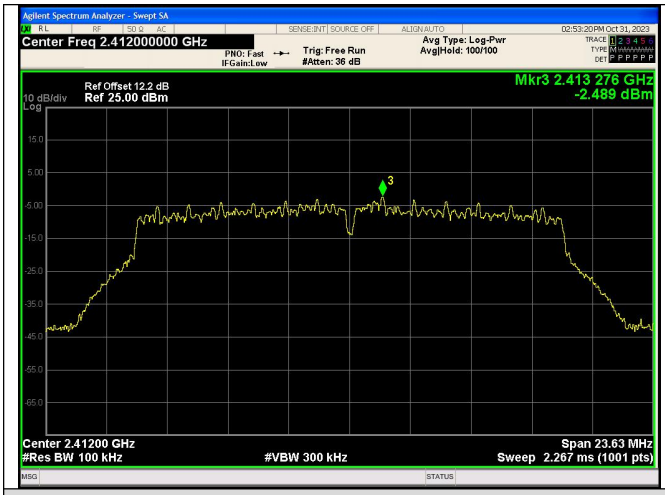
Out Of Band Emission

IEEE 802.11b_Channel 11_20MHz_Antenna 0



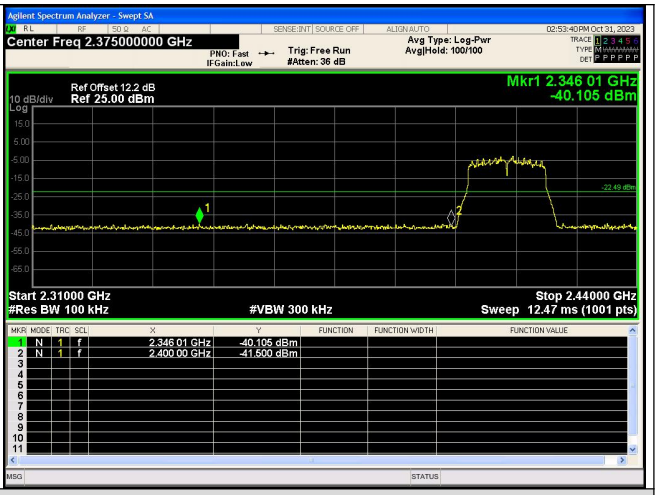
Spurious Emission

IEEE 802.11b_Channel 11_20MHz_Antenna 0



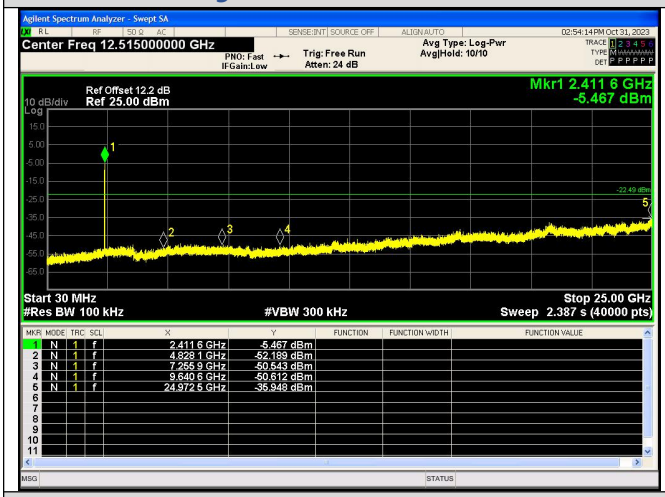
In-Band Reference Level

IEEE 802.11g_Channel 1_20MHz_Antenna 0



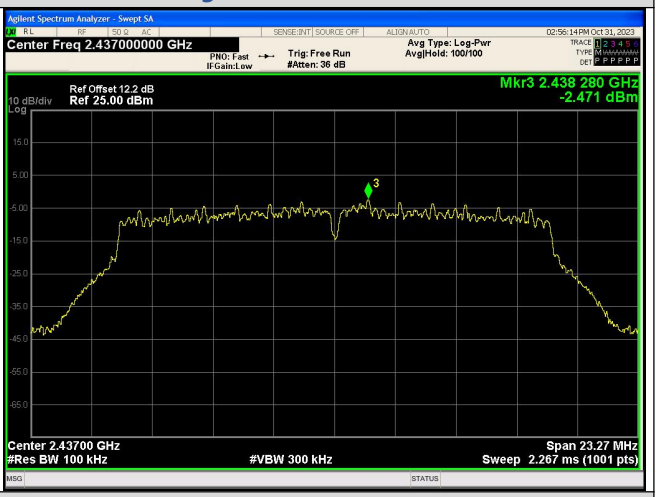
Out Of Band Emission

IEEE 802.11g_Channel 1_20MHz_Antenna 0



Spurious Emission

IEEE 802.11g_Channel 1_20MHz_Antenna 0



In-Band Reference Level

IEEE 802.11g_Channel 6_20MHz_Antenna 0

Spurious Emissions

IEEE 802.11g_Channel 6_20MHz_Antenna 0

In-Band Reference Level

IEEE 802.11g_Channel 11_20MHz_Antenna 0