

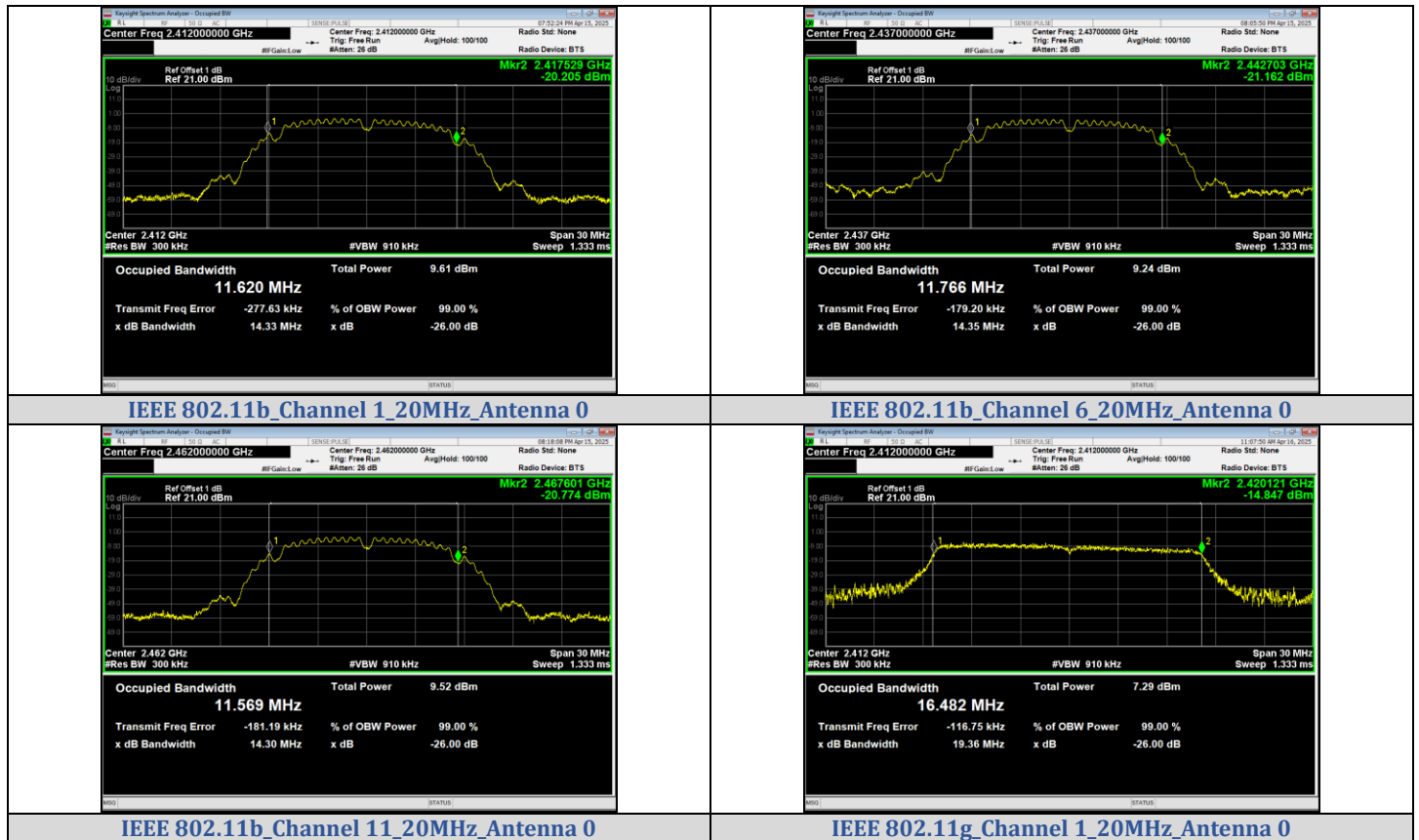
Conducted Peak Output Power

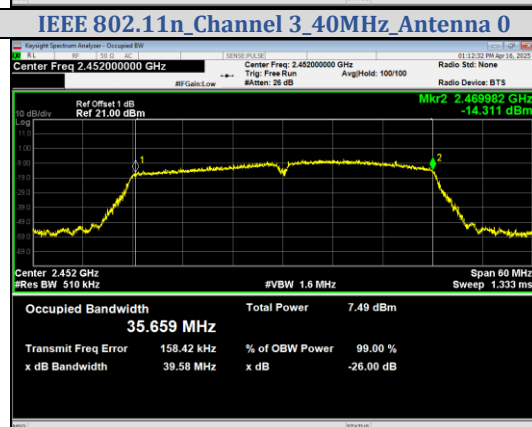
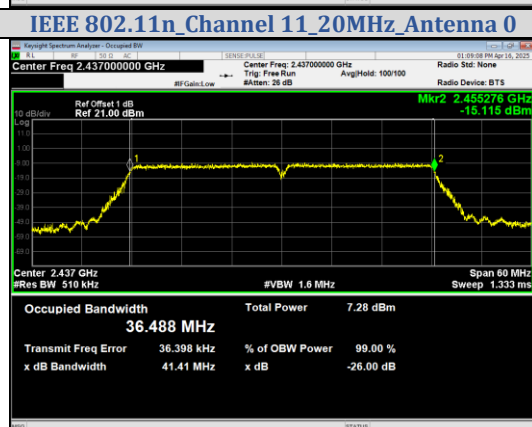
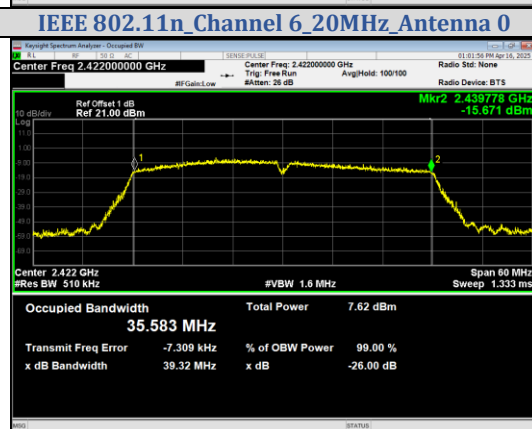
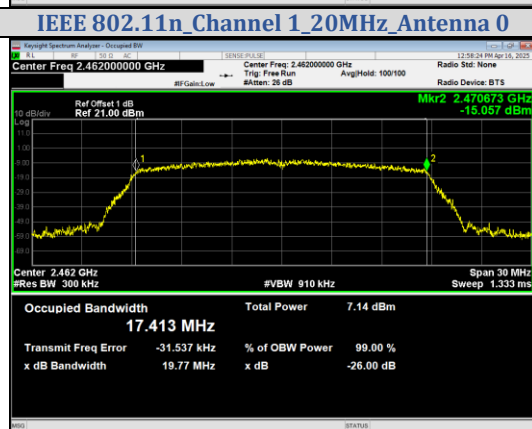
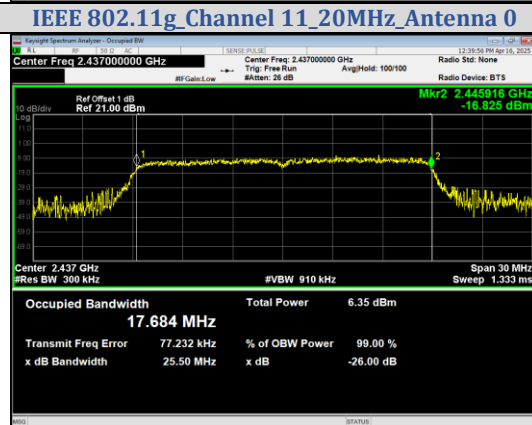
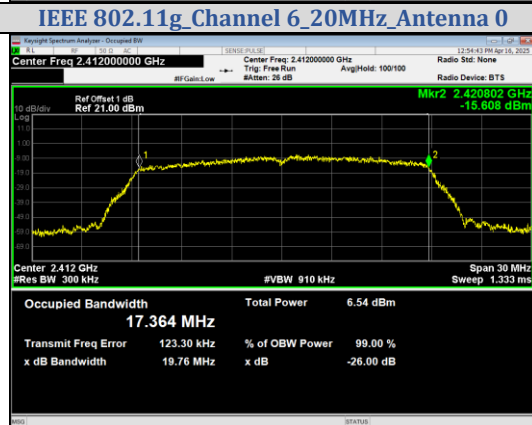
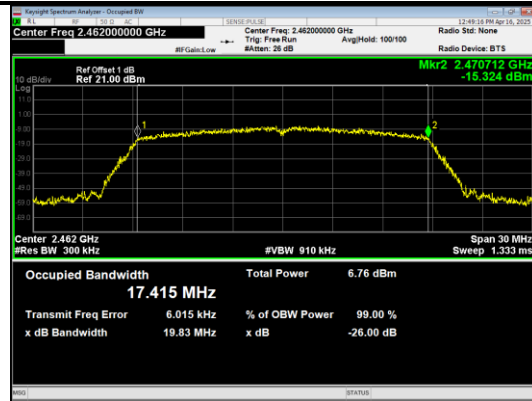
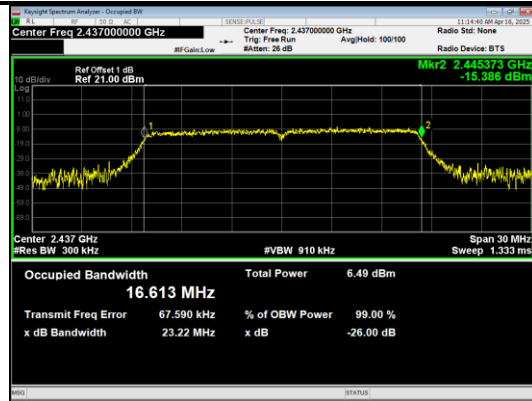
Test Result

Mode	Channel	Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11b	1	8.53	≤30	PASS
	6	8.17	≤30	PASS
	11	8.59	≤30	PASS
IEEE 802.11g	1	8.92	≤30	PASS
	6	8.12	≤30	PASS
	11	8.13	≤30	PASS
IEEE 802.11n_20	1	7.72	≤30	PASS
	6	8.15	≤30	PASS
	11	8.48	≤30	PASS
IEEE 802.11n_40	3	8.84	≤30	PASS
	6	8.82	≤30	PASS
	9	8.37	≤30	PASS

**99% Bandwidth****Test Result**

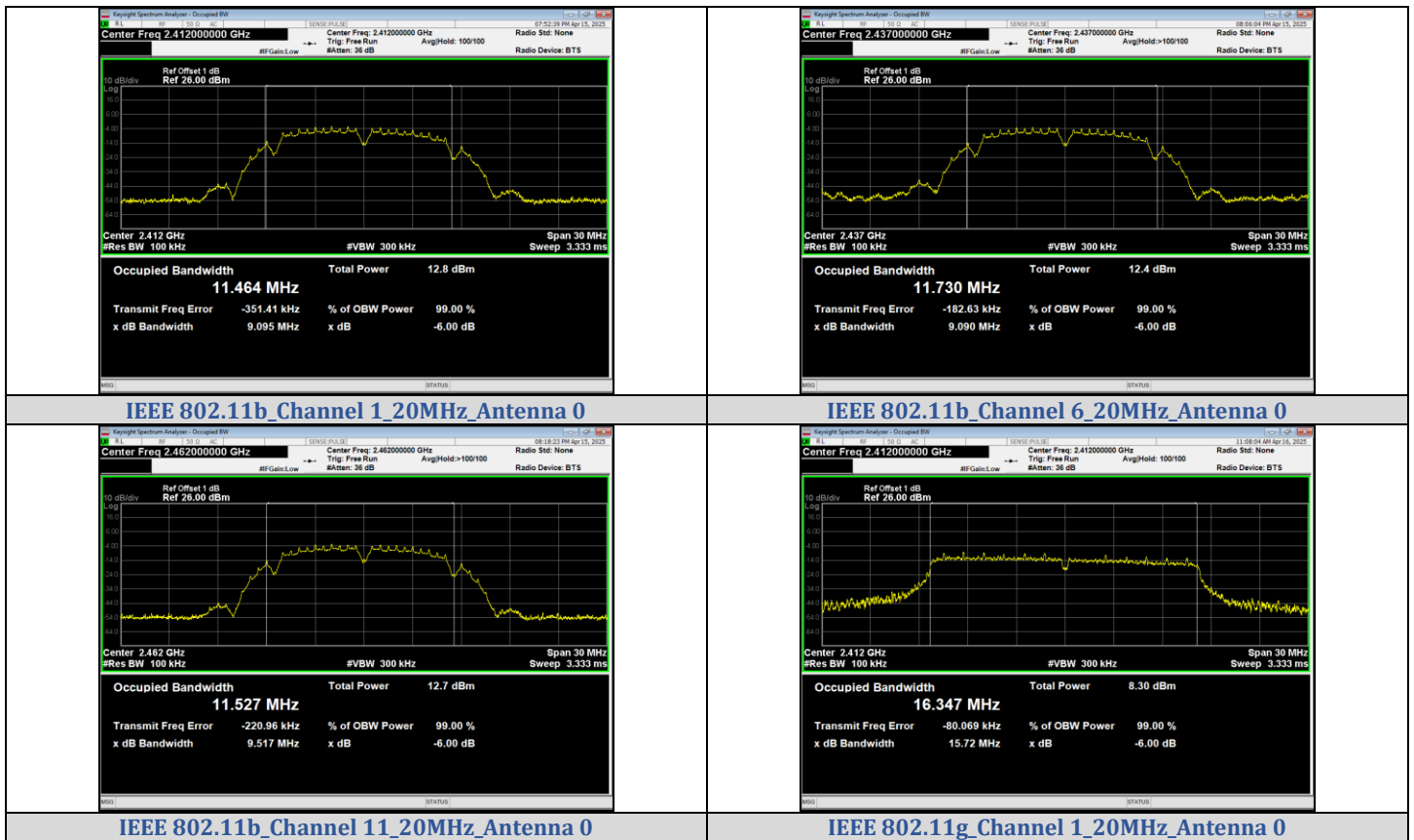
Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11b	1	0	2412	11.620
	6		2437	11.766
	11		2462	11.569
IEEE 802.11g	1		2412	16.482
	6		2437	16.613
	11		2462	17.415
IEEE 802.11n_20	1		2412	17.364
	6		2437	17.684
	11		2462	17.413
IEEE 802.11n_40	3		2422	35.583
	6		2437	36.488
	9		2452	35.659

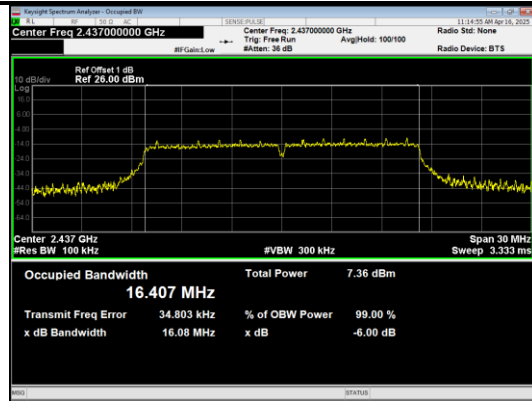
Test Graphs



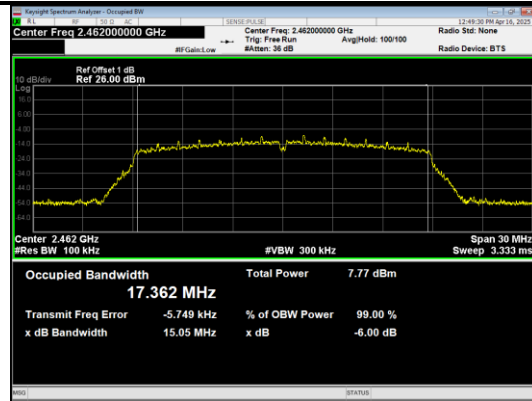
**6dB Bandwidth****Test Result**

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	9.095	≥0.5	PASS
	6		2437	9.090		PASS
	11		2462	9.517		PASS
IEEE 802.11g	1		2412	15.72		PASS
	6		2437	16.08		PASS
	11		2462	15.05		PASS
IEEE 802.11n_20	1		2412	13.82		PASS
	6		2437	16.97		PASS
	11		2462	15.01		PASS
IEEE 802.11n_40	3		2422	30.05		PASS
	6		2437	36.35		PASS
	9		2452	26.33		PASS

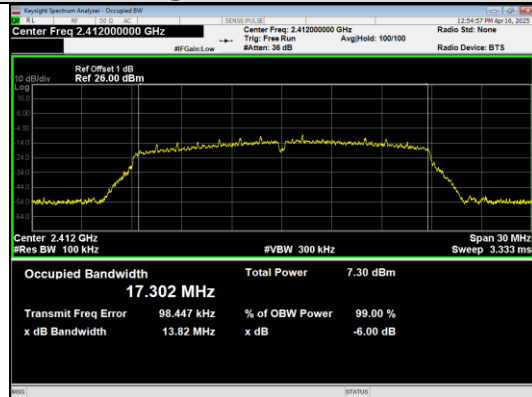
Test Graphs



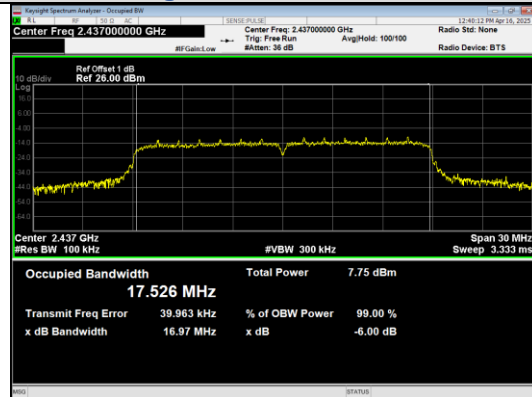
IEEE 802.11g Channel 6 20MHz Antenna 0



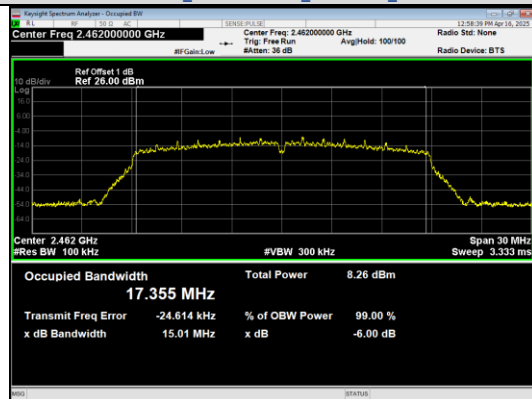
IEEE 802.11g Channel 11 20MHz Antenna 0



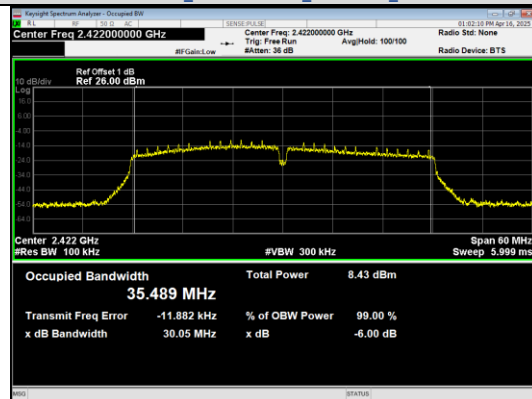
IEEE 802.11n Channel 1 20MHz Antenna 0



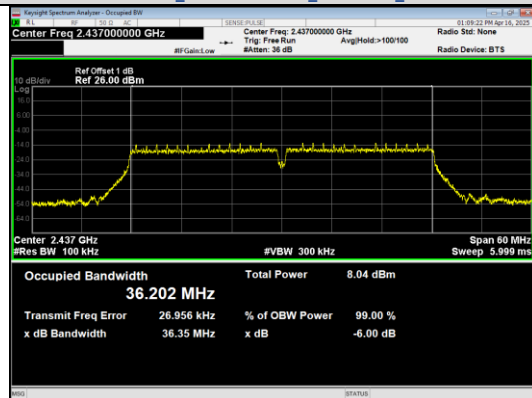
IEEE 802.11n Channel 6 20MHz Antenna 0



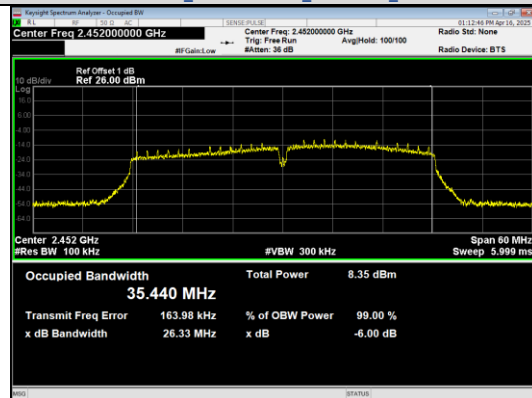
IEEE 802.11n Channel 11 20MHz Antenna 0



IEEE 802.11n Channel 3 40MHz Antenna 0



IEEE 802.11n Channel 6 40MHz Antenna 0



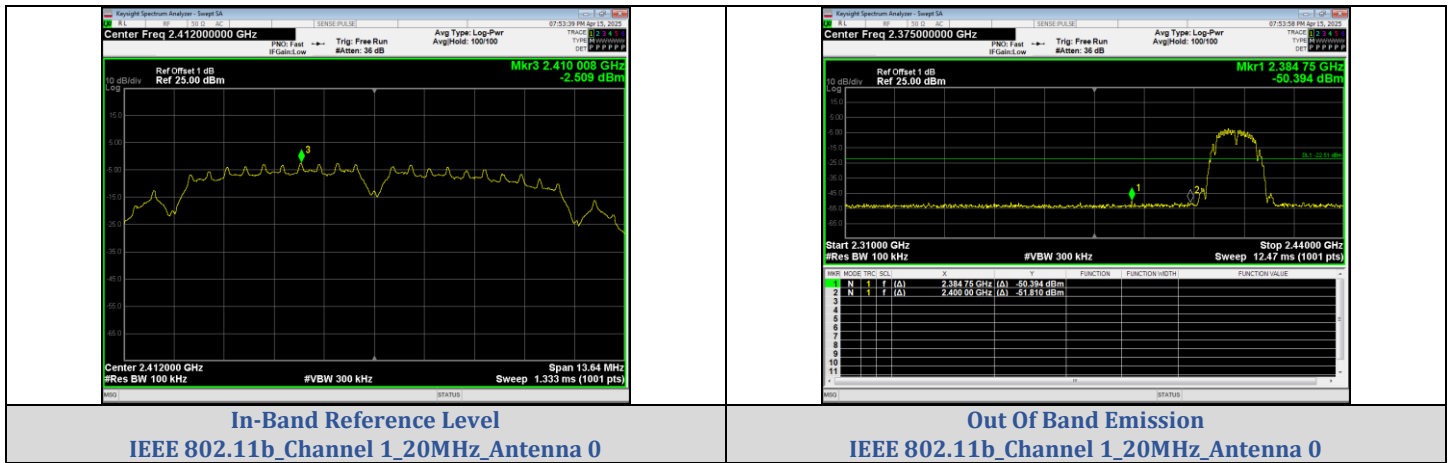
IEEE 802.11n Channel 9 40MHz Antenna 0

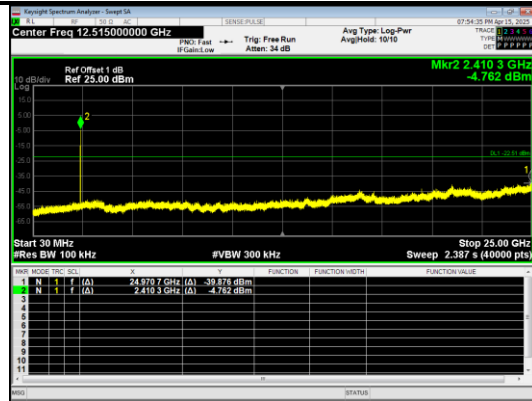
Conducted Out Of Band Emission

Test Result

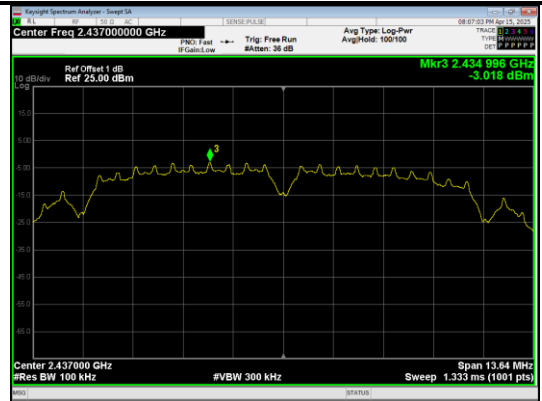
Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2384.75	-50.394	-22.51	-27.884	PASS
			2400.00	-51.810	-22.51	-29.300	PASS
	6		24970.7	-39.876	-22.51	-17.366	PASS
			24885.1	-39.900	-23.02	-16.880	PASS
	11		2483.50	-53.551	-22.68	-30.871	PASS
			24935.7	-39.910	-22.68	-17.230	PASS
IEEE 802.11g	1		2398.92	-40.480	-28.06	-12.420	PASS
			2400.00	-41.023	-28.06	-12.963	PASS
	6		24992.5	-39.810	-28.06	-11.750	PASS
			24951.3	-39.752	-29.69	-10.062	PASS
	11		2483.50	-54.081	-28.26	-25.821	PASS
			24998.1	-39.571	-28.26	-11.311	PASS
IEEE 802.11n_20	1		2375.52	-51.054	-27.99	-23.064	PASS
			2400.00	-52.774	-27.99	-24.784	PASS
	6		24975.0	-38.703	-27.99	-10.713	PASS
			24995.0	-39.462	-29.75	-9.712	PASS
	11		2483.50	-52.595	-27.23	-25.365	PASS
			24895.1	-40.562	-27.23	-13.332	PASS
IEEE 802.11n_40	3		2398.92	-51.178	-30.13	-21.048	PASS
			2400.00	-52.861	-30.13	-22.731	PASS
	6		24975.0	-40.033	-30.13	-9.903	PASS
			24510.0	-39.804	-32.27	-7.534	PASS
	9		2483.50	-53.227	-29.92	-23.307	PASS
			24310.8	-39.325	-29.92	-9.405	PASS

Test Graphs

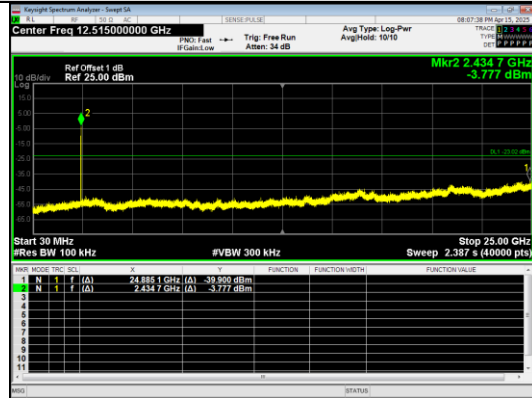




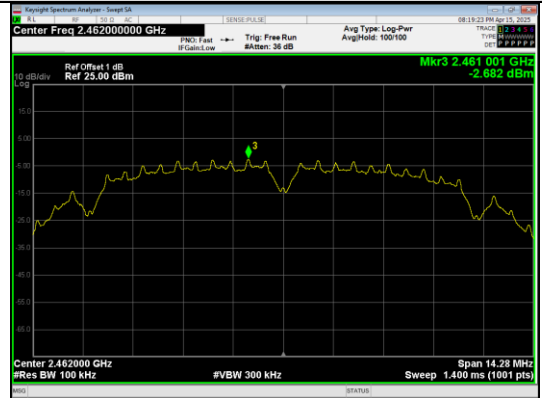
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 1_20MHz_Antenna 0



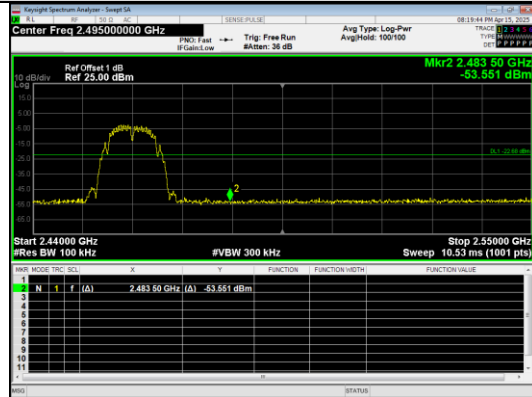
In-Band Reference Level
IEEE 802.11b_Channel 6_20MHz_Antenna 0



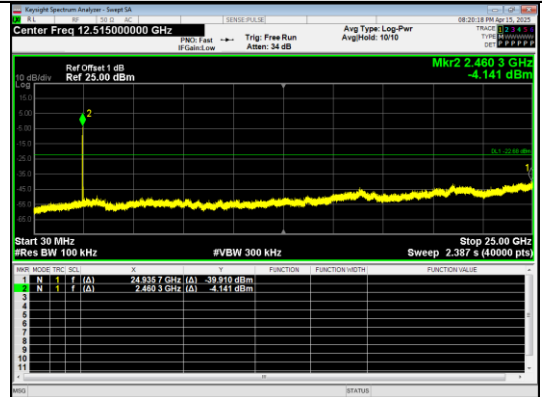
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 6_20MHz_Antenna 0



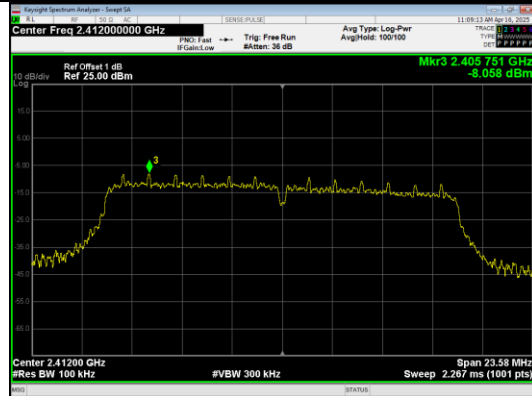
In-Band Reference Level
IEEE 802.11b_Channel 11_20MHz_Antenna 0



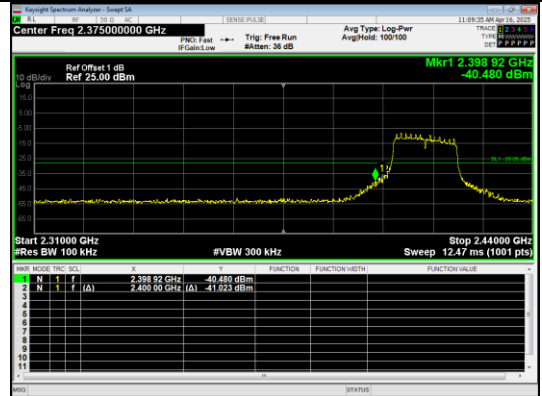
Out Of Band Emission
IEEE 802.11b_Channel 11_20MHz_Antenna 0



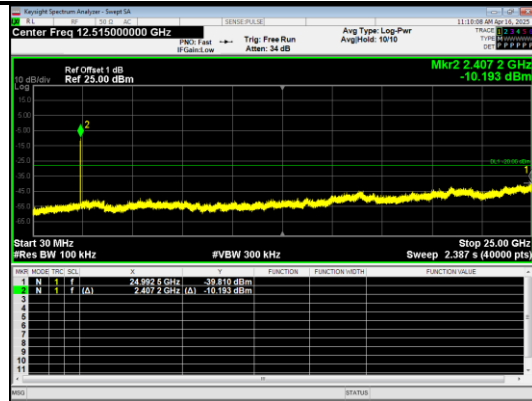
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 11_20MHz_Antenna 0



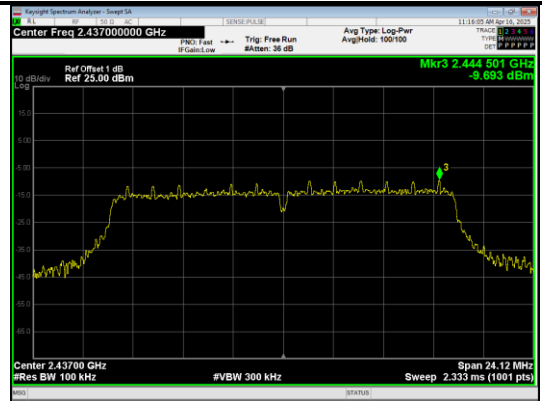
In-Band Reference Level
IEEE 802.11g_Channel 1_20MHz_Antenna 0



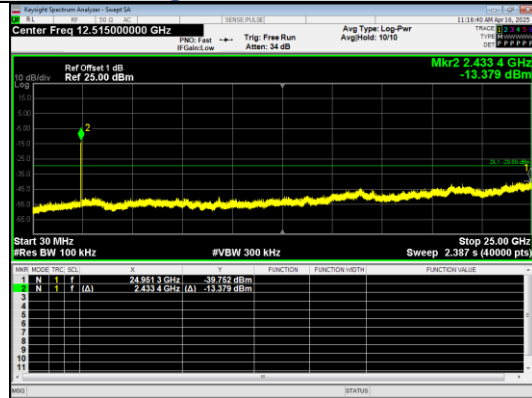
Out Of Band Emission
IEEE 802.11g_Channel 1_20MHz_Antenna 0



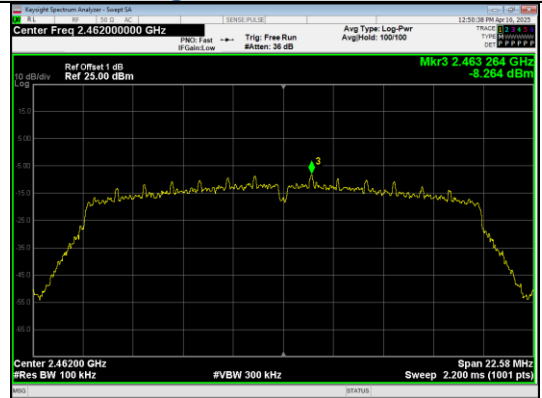
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 1_20MHz_Antenna 0



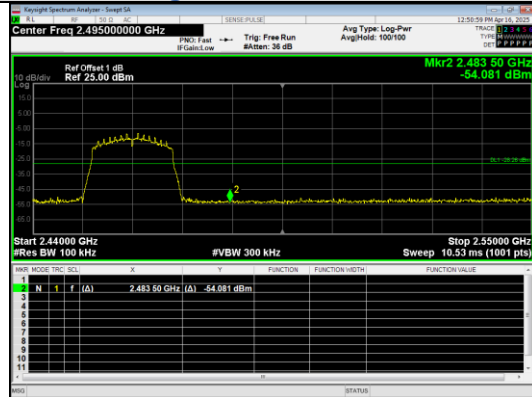
In-Band Reference Level
IEEE 802.11g_Channel 6_20MHz_Antenna 0



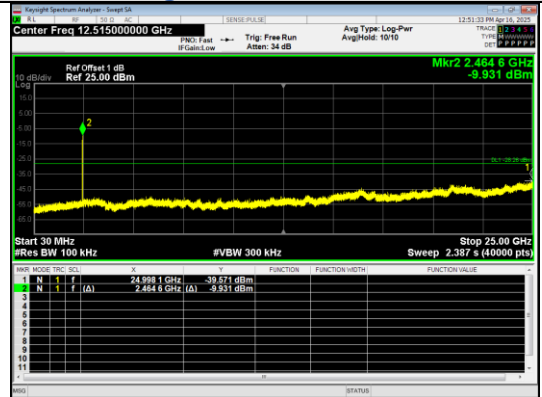
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 6_20MHz_Antenna 0



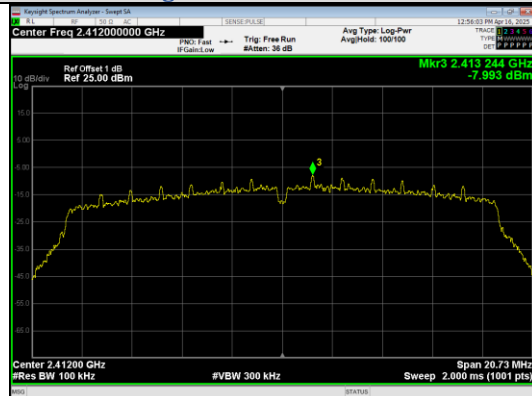
In-Band Reference Level
IEEE 802.11g_Channel 11_20MHz_Antenna 0



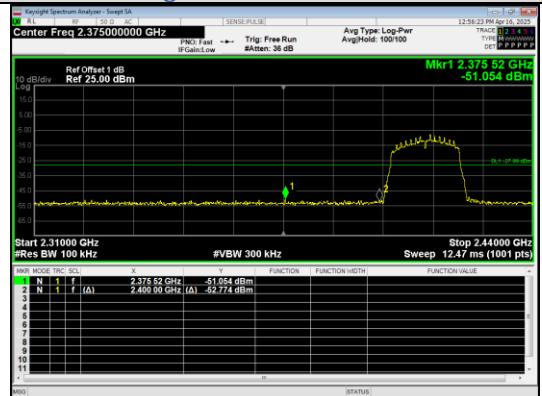
Out Of Band Emission
IEEE 802.11g_Channel 11_20MHz_Antenna 0



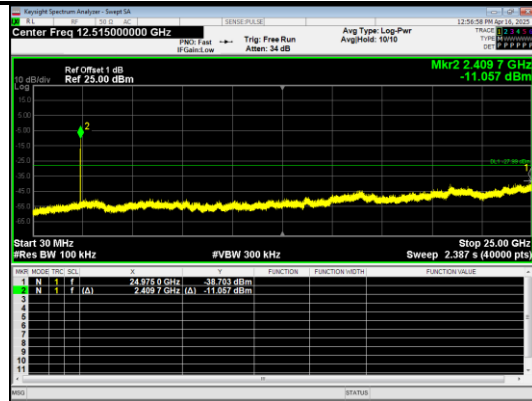
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 11_20MHz_Antenna 0



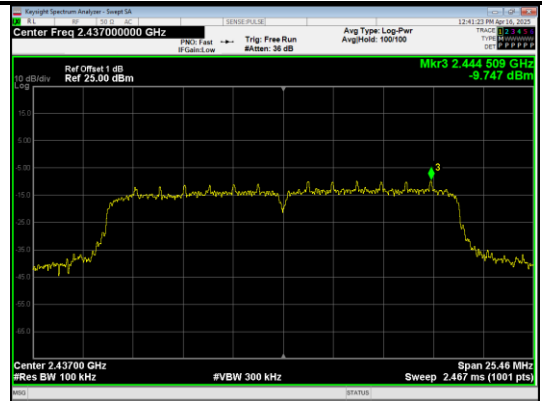
In-Band Reference Level
IEEE 802.11n_Channel 1_20MHz_Antenna 0



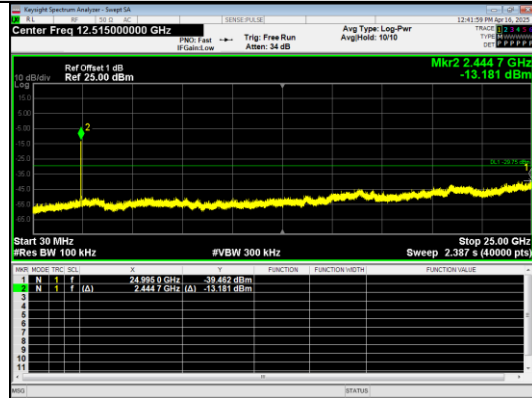
Out Of Band Emission
IEEE 802.11n_Channel 1_20MHz_Antenna 0



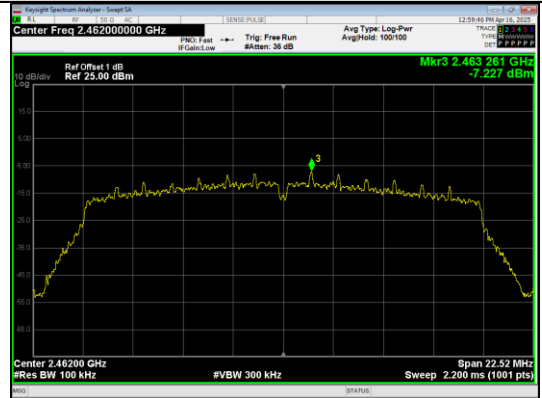
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 1_20MHz_Antenna 0



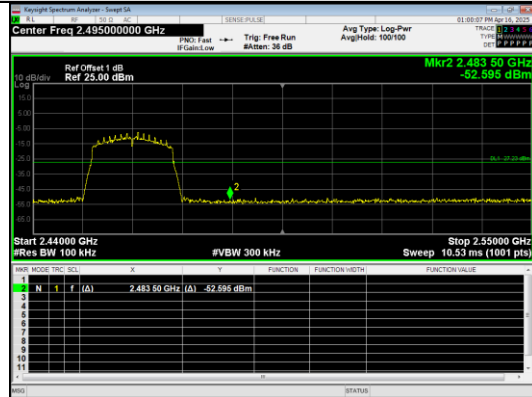
In-Band Reference Level
IEEE 802.11n_Channel 6_20MHz_Antenna 0



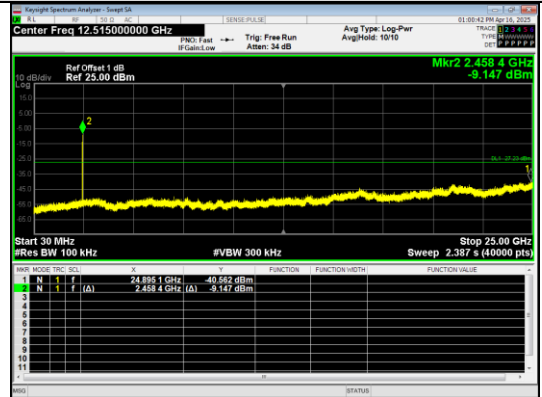
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 6_20MHz_Antenna 0



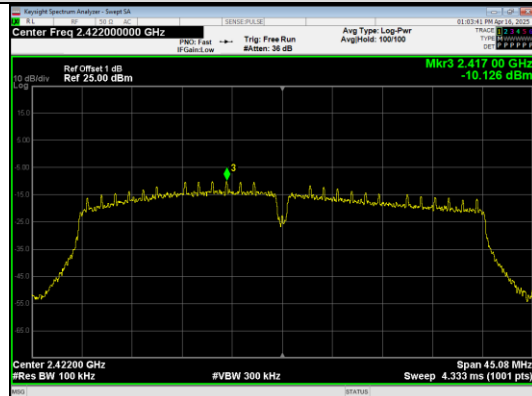
In-Band Reference Level
IEEE 802.11n_Channel 11_20MHz_Antenna 0



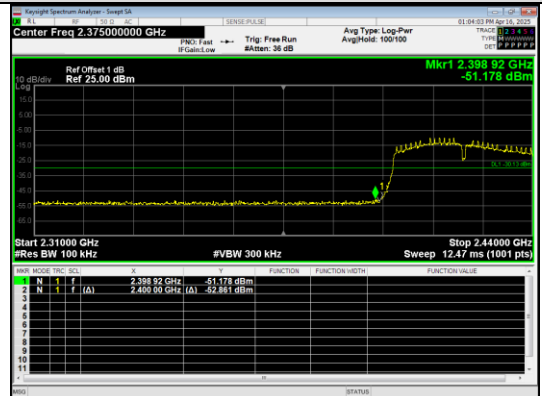
Out Of Band Emission
IEEE 802.11n_Channel 11_20MHz_Antenna 0



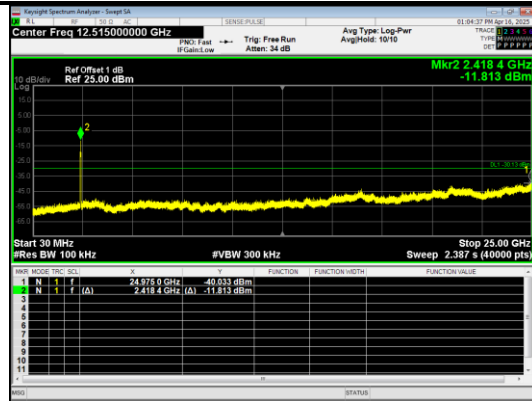
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 11_20MHz_Antenna 0



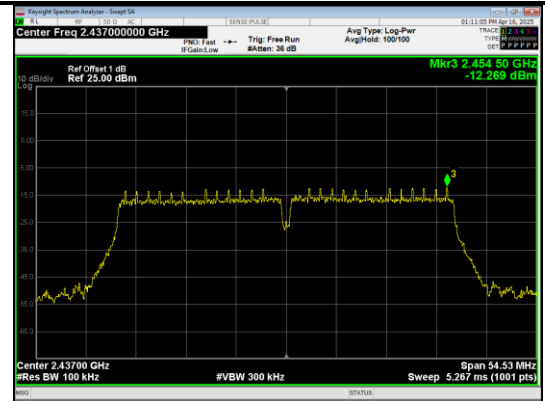
In-Band Reference Level
IEEE 802.11n_Channel 3_40MHz_Antenna 0



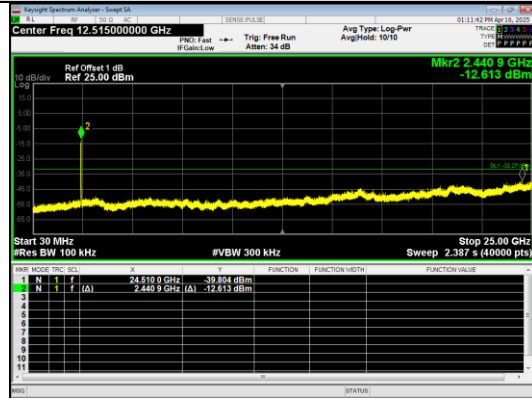
Out Of Band Emission
IEEE 802.11n_Channel 3_40MHz_Antenna 0



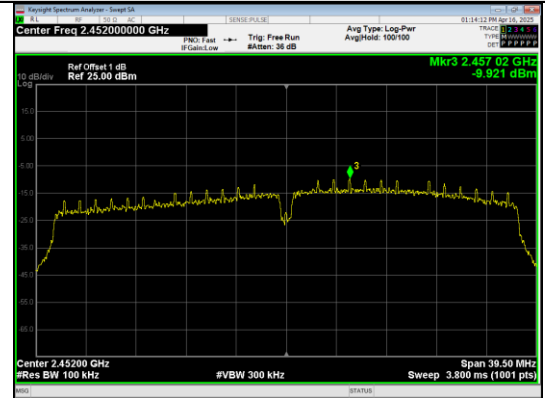
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 3_40MHz_Antenna 0



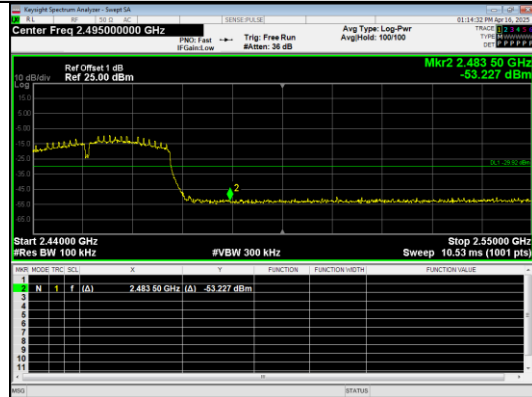
In-Band Reference Level
IEEE 802.11n_Channel 6_40MHz_Antenna 0



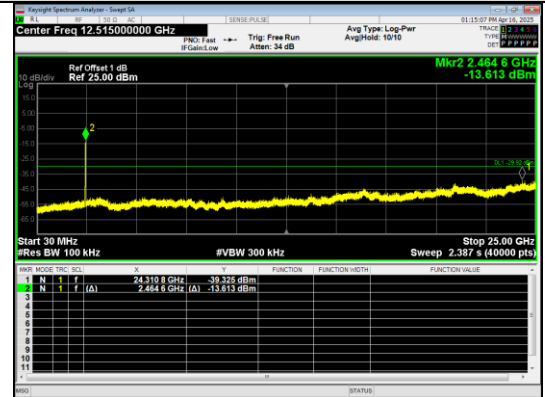
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 6_40MHz_Antenna 0



In-Band Reference Level
IEEE 802.11n_Channel 9_40MHz_Antenna 0



Out Of Band Emission
IEEE 802.11n_Channel 9_40MHz_Antenna 0



30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 9_40MHz_Antenna 0

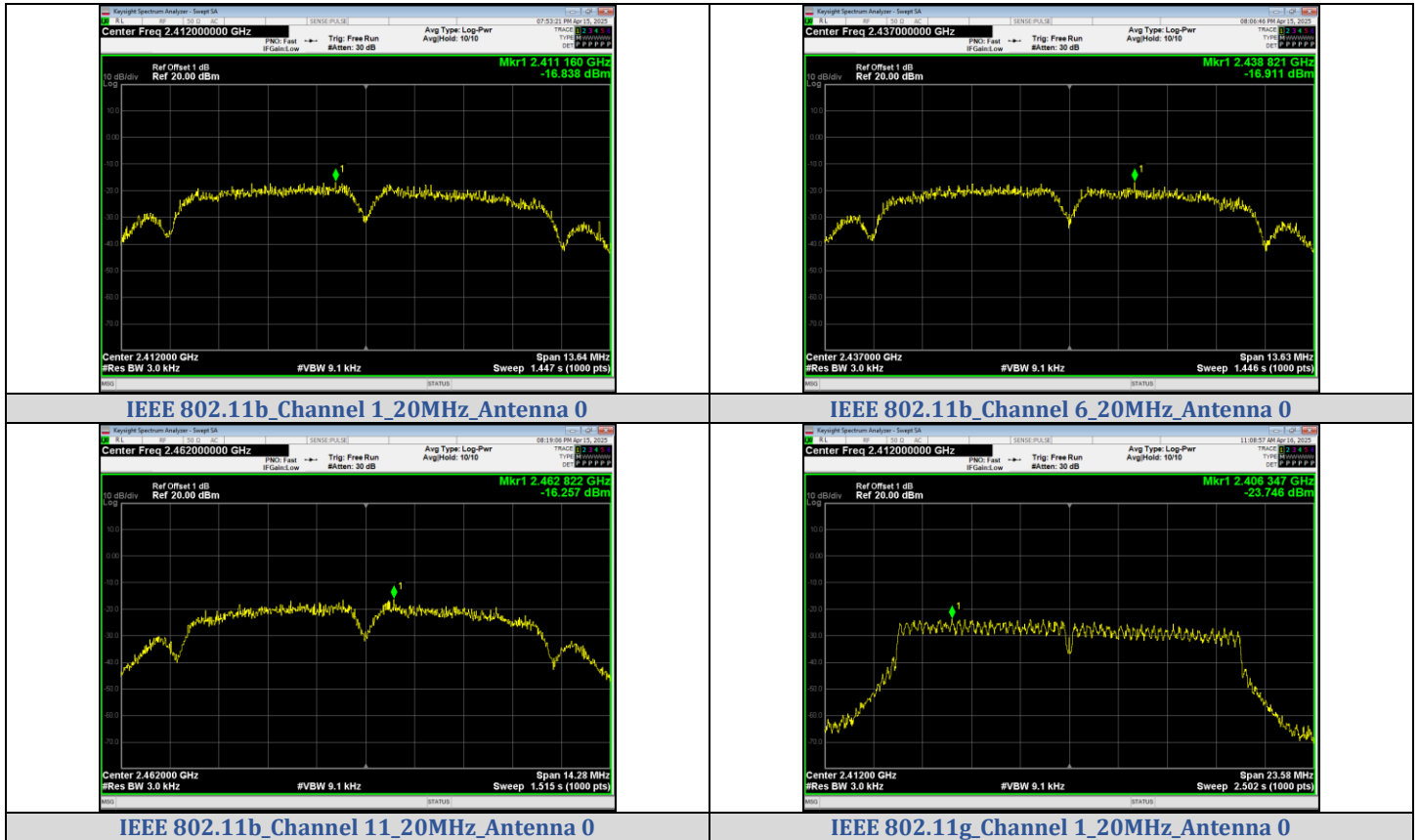


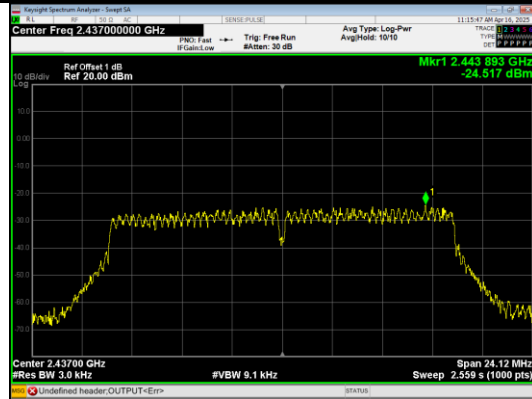
Power Spectral Density

Test Result

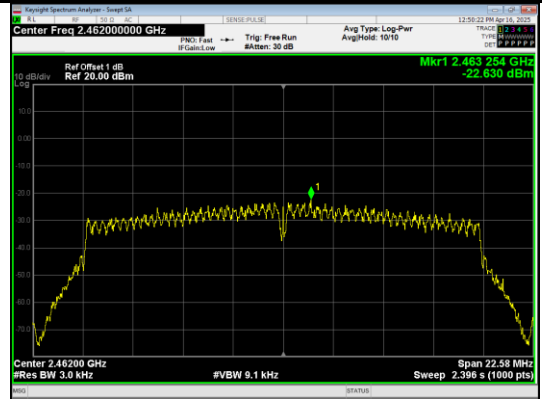
Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-16.838	≤8	PASS
	6	-16.911		PASS
	11	-16.257		PASS
IEEE 802.11g	1	-23.746		PASS
	6	-24.517		PASS
	11	-22.630		PASS
IEEE 802.11n_20	1	-22.355		PASS
	6	-24.834		PASS
	11	-22.330		PASS
IEEE 802.11n_40	3	-24.646		PASS
	6	-26.758		PASS
	9	-24.284		PASS

Test Graphs

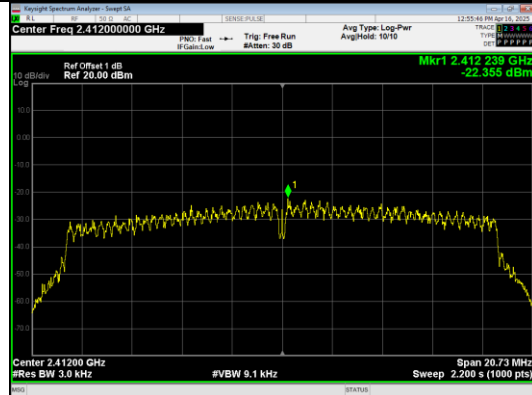




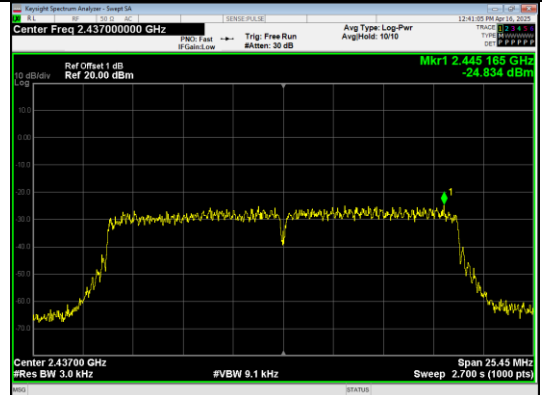
IEEE 802.11g Channel 6_20MHz_Antenna 0



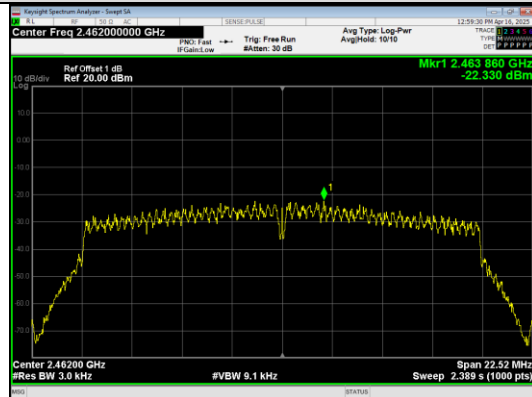
IEEE 802.11g Channel 11_20MHz_Antenna 0



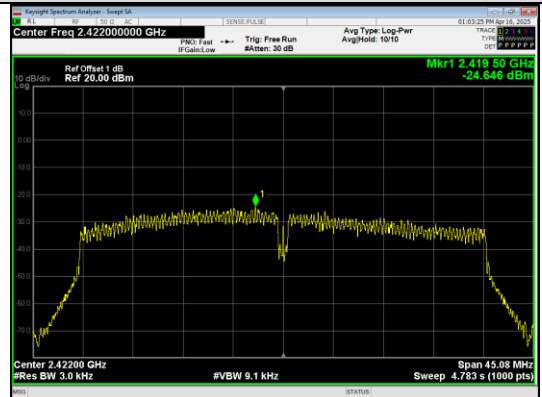
IEEE 802.11n Channel 1_20MHz_Antenna 0



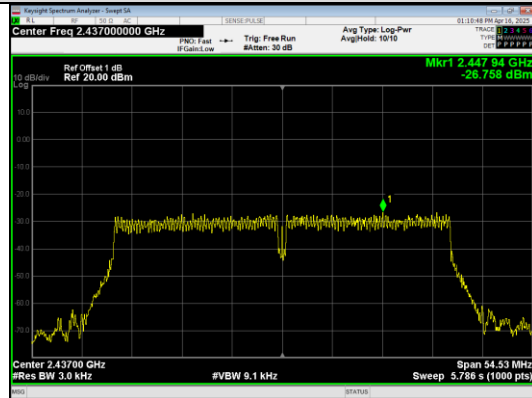
IEEE 802.11n Channel 6_20MHz_Antenna 0



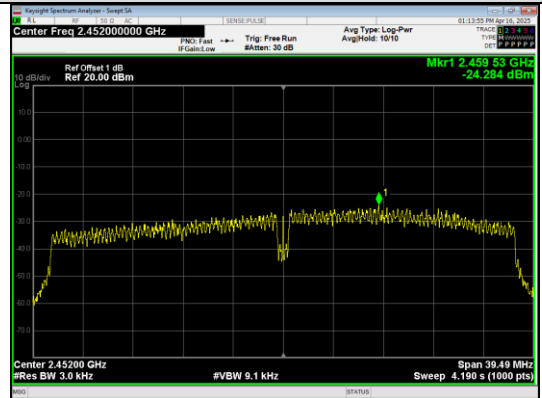
IEEE 802.11n Channel 11_20MHz_Antenna 0



IEEE 802.11n Channel 3_40MHz_Antenna 0



IEEE 802.11n Channel 6_40MHz_Antenna 0



IEEE 802.11n Channel 9_40MHz_Antenna 0