

Conducted Output Power

Test Result

Conducted Output Power

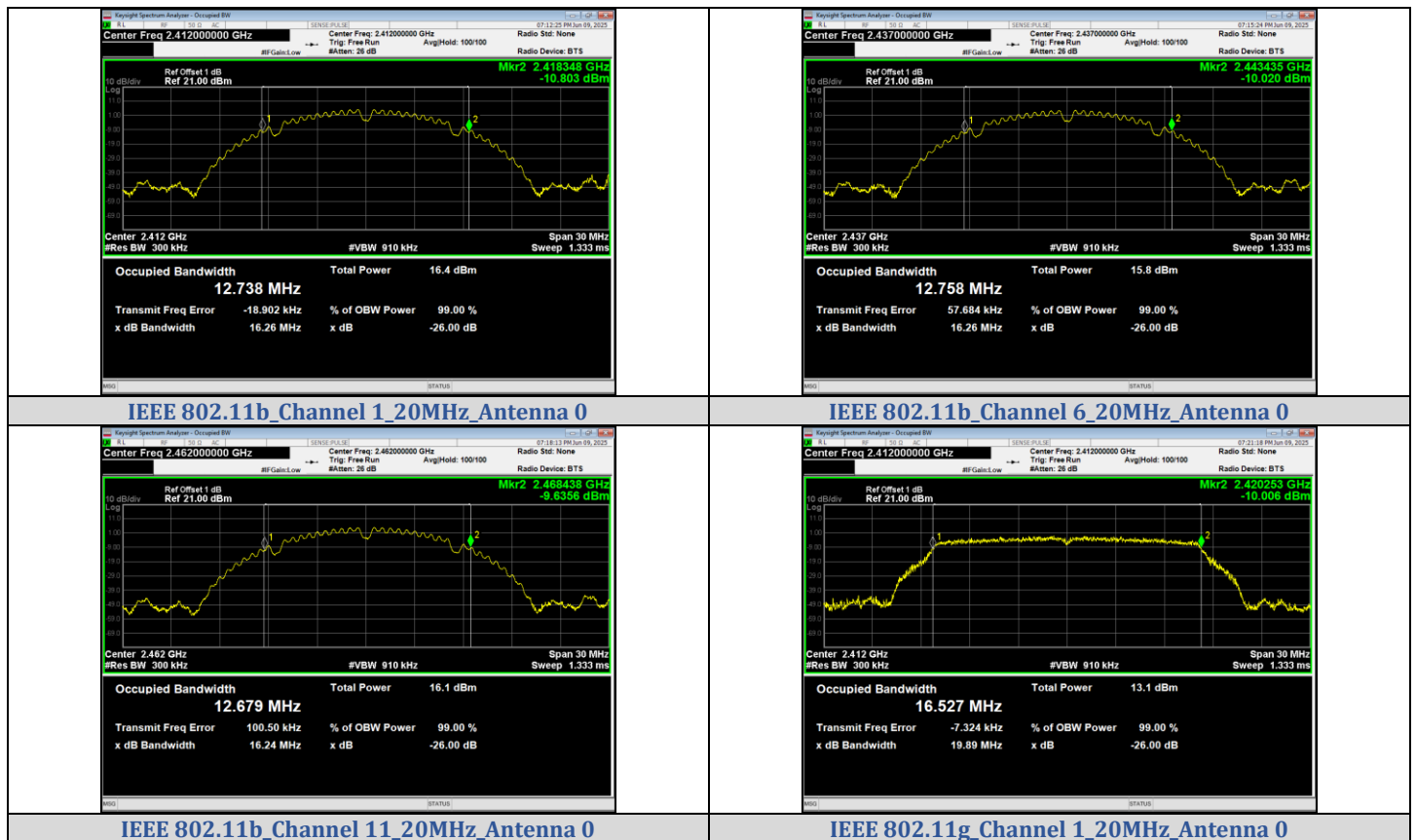
Mode	Channel	Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11b	1	15.09	≤30	PASS
	6	14.65	≤30	PASS
	11	14.93	≤30	PASS
IEEE 802.11g	1	14.73	≤30	PASS
	6	14.07	≤30	PASS
	11	14.40	≤30	PASS
IEEE 802.11n_20	1	14.81	≤30	PASS
	6	14.12	≤30	PASS
	11	14.42	≤30	PASS

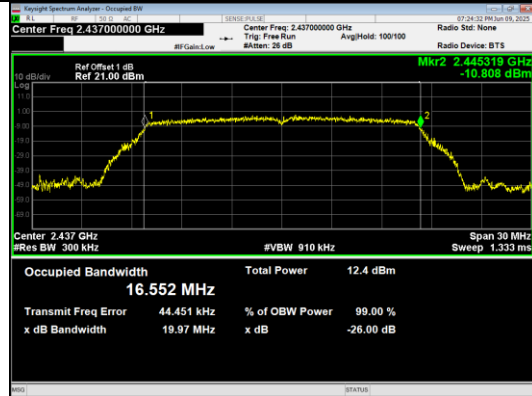
99% Bandwidth

Test Result

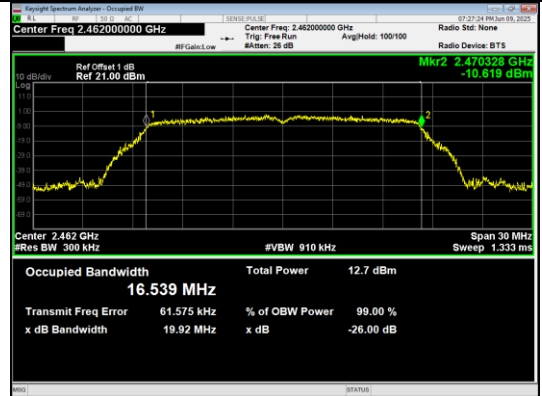
Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11b	1	0	2412	12.738
	6		2437	12.758
	11		2462	12.679
IEEE 802.11g	1		2412	16.527
	6		2437	16.552
	11		2462	16.539
IEEE 802.11n_20	1		2412	17.661
	6		2437	17.665
	11		2462	17.656

Test Graphs

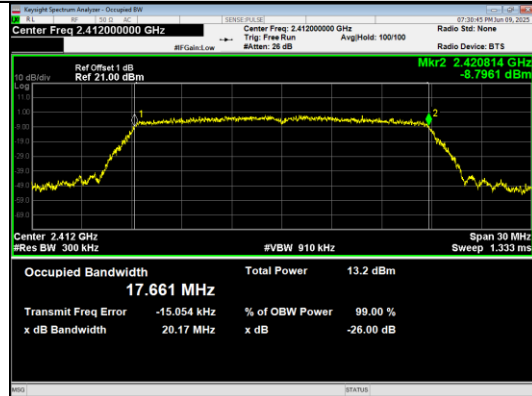




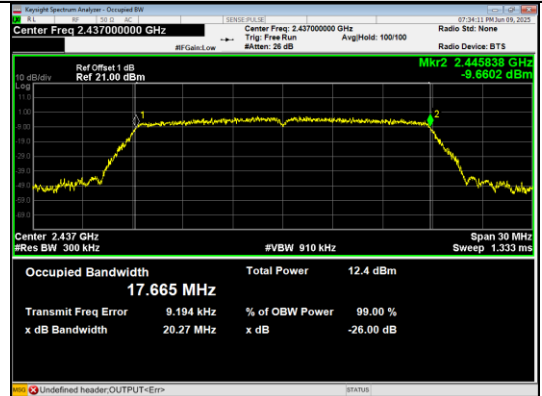
IEEE 802.11g_Channel 6_20MHz_Antenna 0



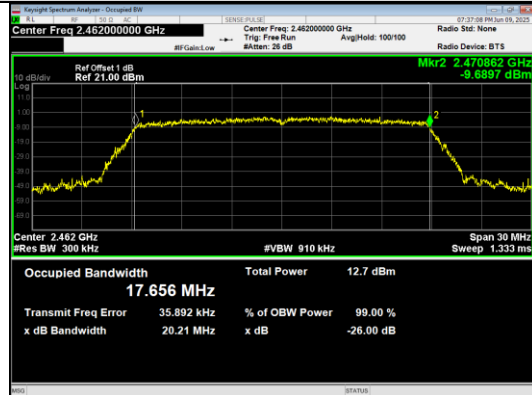
IEEE 802.11g_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 1_20MHz_Antenna 0



IEEE 802.11n_Channel 6_20MHz_Antenna 0



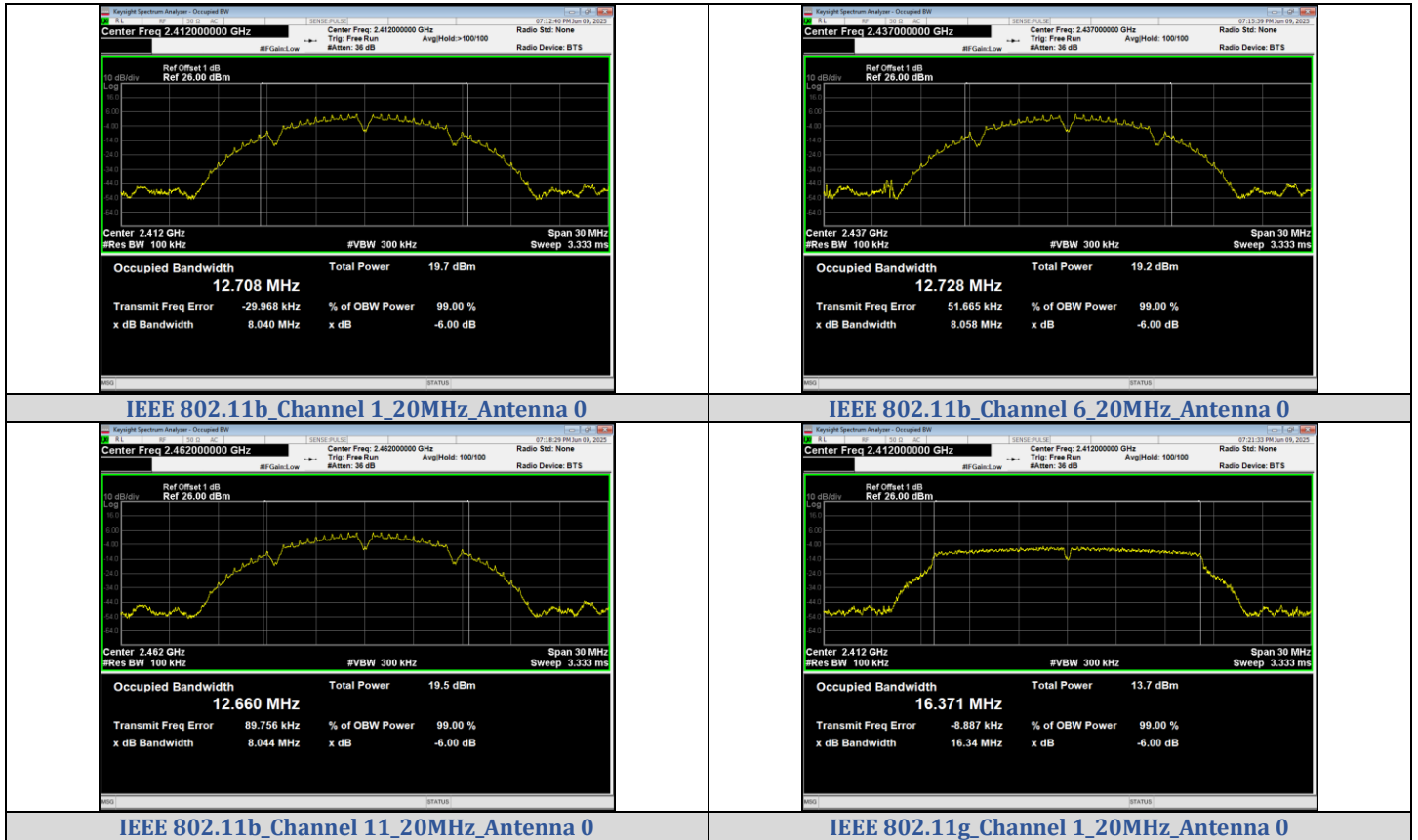
IEEE 802.11n_Channel 11_20MHz_Antenna 0

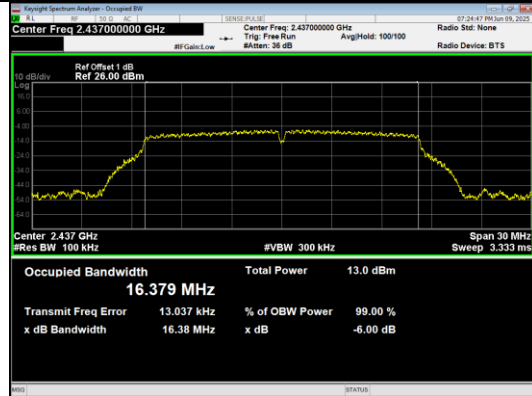
6dB Bandwidth

Test Result

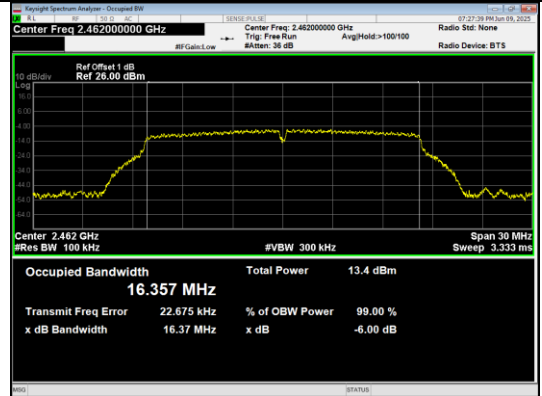
Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	8.040	≥0.5	PASS
	6		2437	8.058		PASS
	11		2462	8.044		PASS
IEEE 802.11g	1		2412	16.34		PASS
	6		2437	16.38		PASS
	11		2462	16.37		PASS
IEEE 802.11n_20	1		2412	17.59		PASS
	6		2437	17.61		PASS
	11		2462	17.62		PASS

Test Graphs

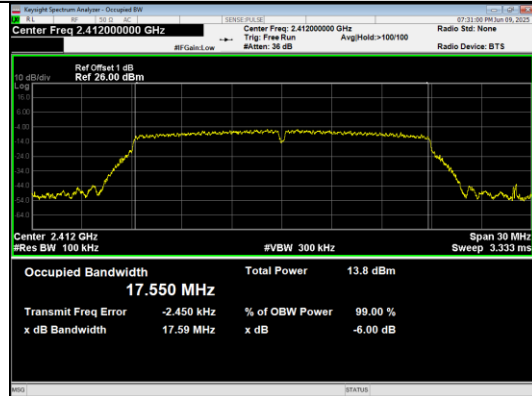




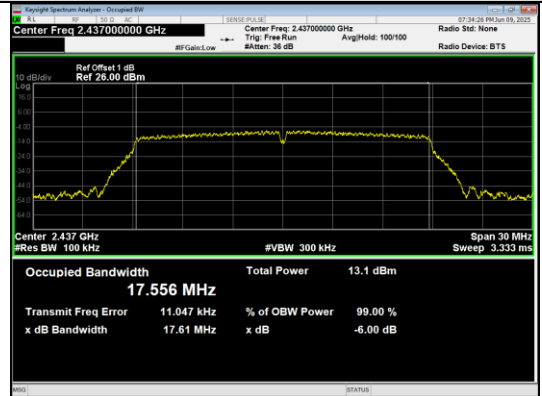
IEEE 802.11g_Channel 6_20MHz_Antenna 0



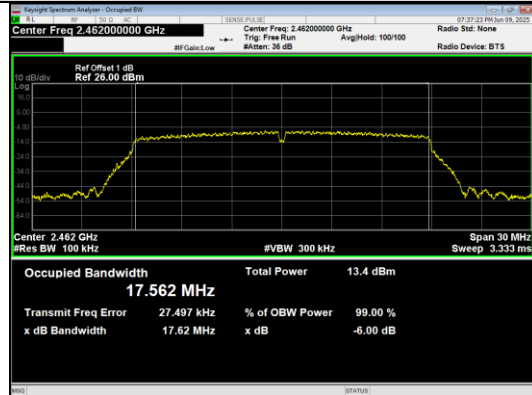
IEEE 802.11g_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 1_20MHz_Antenna 0



IEEE 802.11n_Channel 6_20MHz_Antenna 0

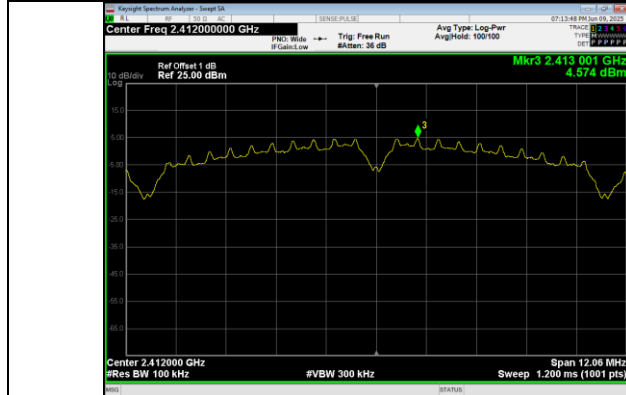


IEEE 802.11n_Channel 11_20MHz_Antenna 0

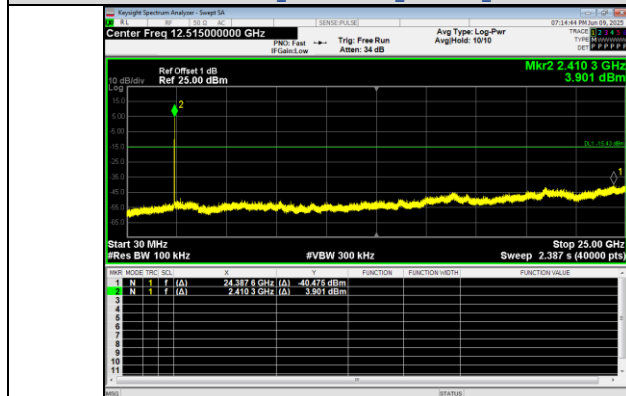
Conducted Out Of Band Emission Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2398.53	-45.391	-15.43	-29.961	PASS
			2400.00	-48.255	-15.43	-32.825	PASS
	6		24387.6	-40.475	-15.43	-25.045	PASS
			24981.3	-40.079	-15.65	-24.429	PASS
	11		2483.50	-52.860	-15.2	-37.660	PASS
			2618.21	-27.189	-15.2	-11.989	PASS
IEEE 802.11g	1		2398.92	-46.658	-24.86	-21.798	PASS
			2400.00	-46.792	-24.86	-21.932	PASS
	6		24959.4	-40.146	-24.86	-15.286	PASS
			24330.2	-39.786	-26.08	-13.706	PASS
	11		2483.50	-51.311	-25.63	-25.681	PASS
			24981.9	-40.464	-25.63	-14.834	PASS
IEEE 802.11n_20	1		2400.00	-45.139	-25.87	-19.269	PASS
			24868.3	-39.248	-25.87	-13.378	PASS
	6		24380.1	-39.698	-26.22	-13.478	PASS
			2483.50	-51.301	-25.79	-25.511	PASS
	11		24373.9	-39.857	-25.79	-14.067	PASS

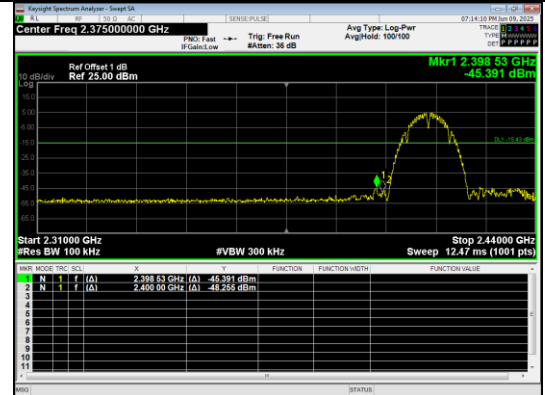
Test Graphs



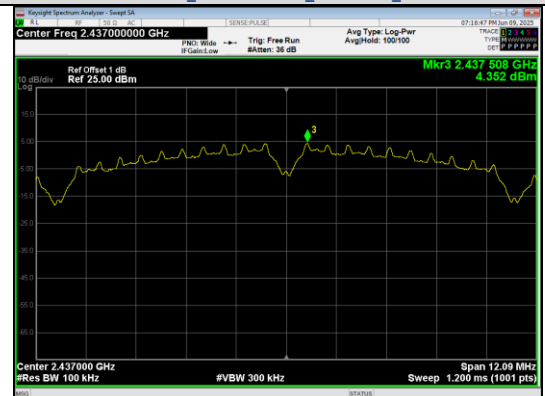
In-Band Reference Level
IEEE 802.11b_Channel 1_20MHz_Antenna 0



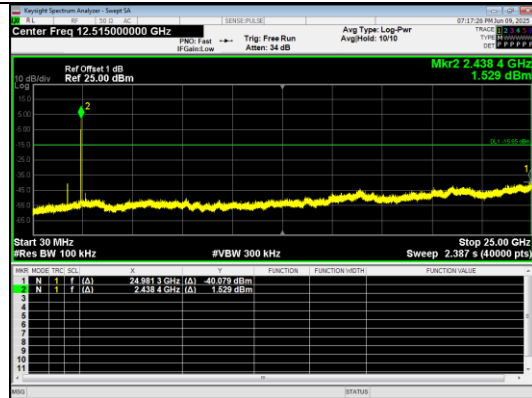
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 1_20MHz_Antenna 0



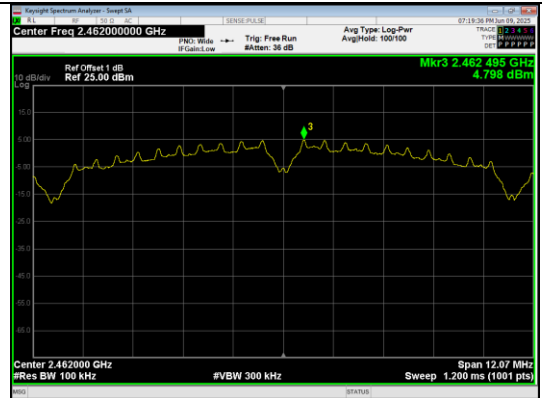
Out Of Band Emission
IEEE 802.11b_Channel 1_20MHz_Antenna 0



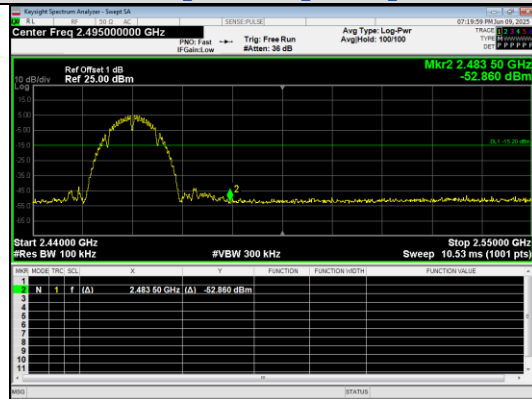
In-Band Reference Level
IEEE 802.11b_Channel 6_20MHz_Antenna 0



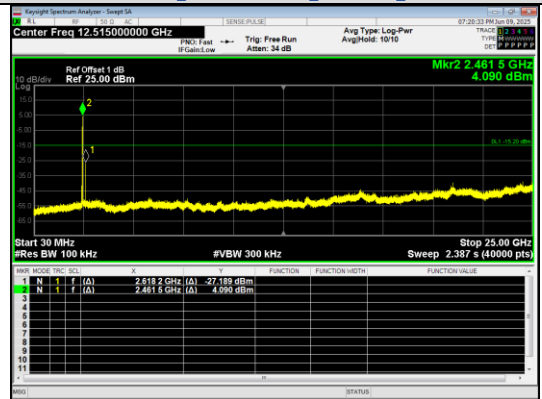
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 6_20MHz_Antenna 0



In-Band Reference Level
IEEE 802.11b_Channel 11_20MHz_Antenna 0



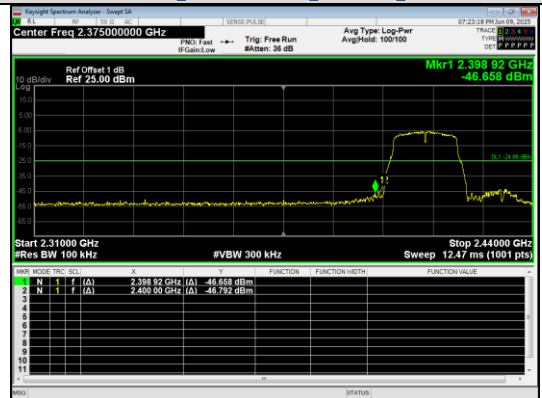
Out Of Band Emission
IEEE 802.11b_Channel 11_20MHz_Antenna 0



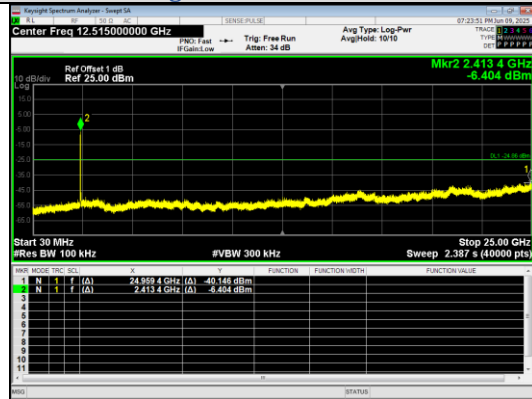
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 11_20MHz_Antenna 0



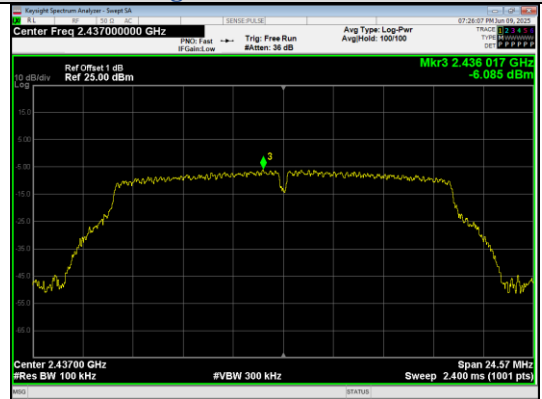
In-Band Reference Level
IEEE 802.11g_Channel 1_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11g_Channel 1_20MHz_Antenna 0

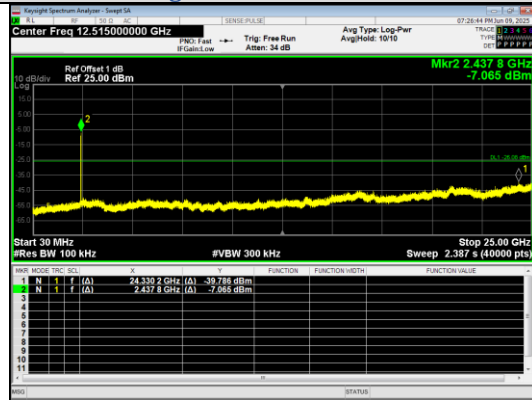


30.0 MHz - 25000.0 MHz

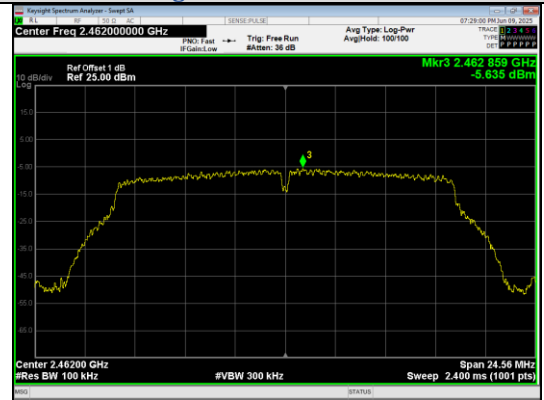


In-Band Reference Level

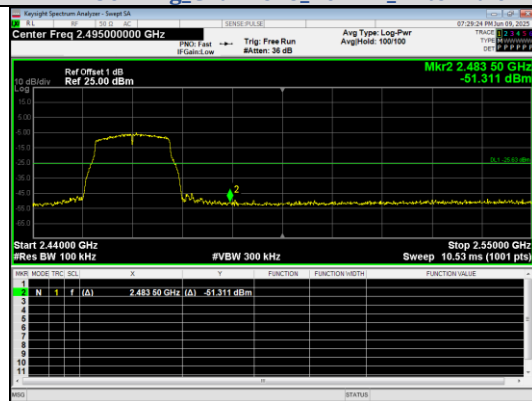
IEEE 802.11g_Channel 1_20MHz_Antenna 0



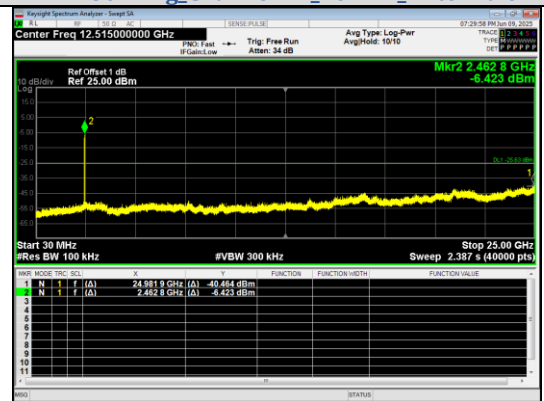
IEEE 802.11g_Channel 6_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz IEEE 802.11g_Channel 6_20MHz_Antenna 0



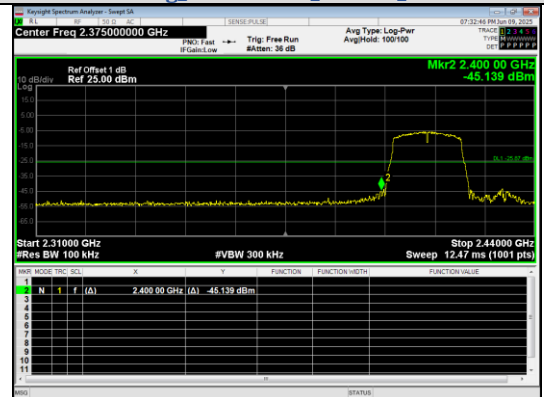
In-Band Reference Level IEEE 802.11g_Channel 11_20MHz_Antenna 0



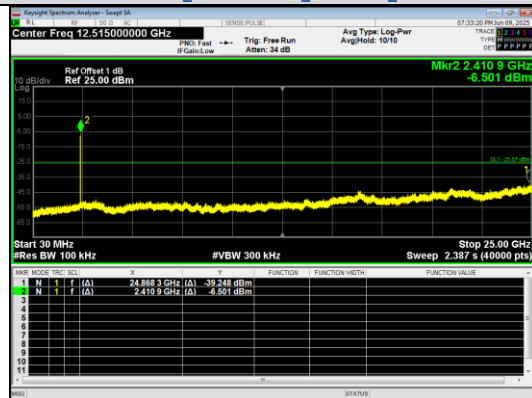
Out Of Band Emission IEEE 802.11g_Channel 11_20MHz_Antenna 0



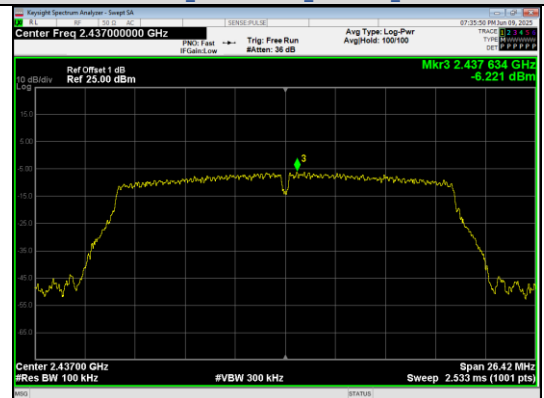
30.0 MHz - 25000.0 MHz IEEE 802.11g_Channel 11_20MHz_Antenna 0



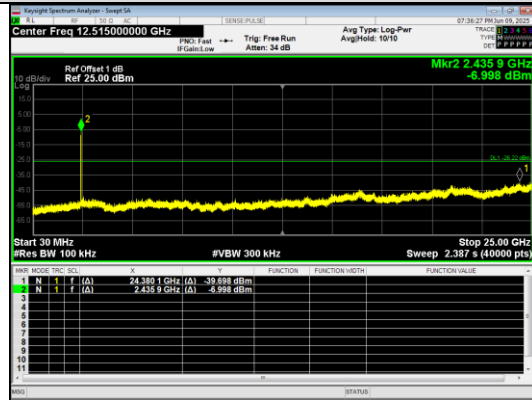
In-Band Reference Level IEEE 802.11n_Channel 1_20MHz_Antenna 0



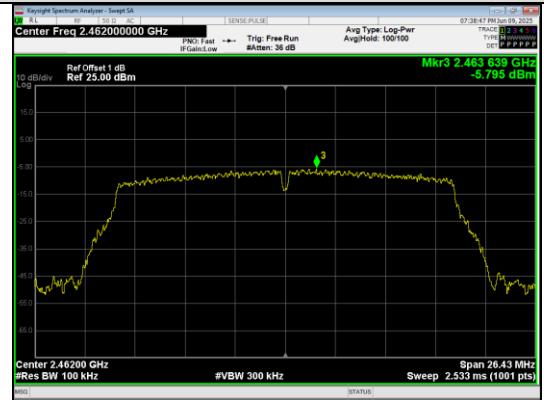
Out Of Band Emission IEEE 802.11n_Channel 1_20MHz_Antenna 0



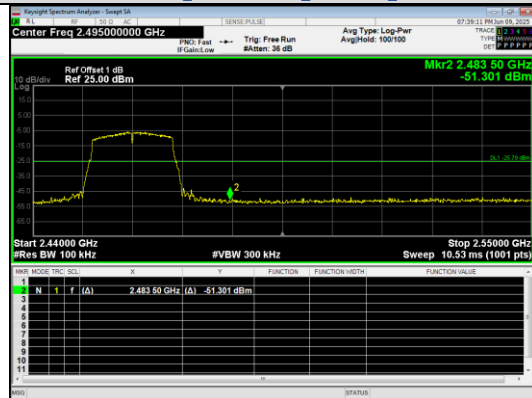
30.0 MHz - 25000.0 MHz IEEE 802.11n_Channel 1_20MHz_Antenna 0



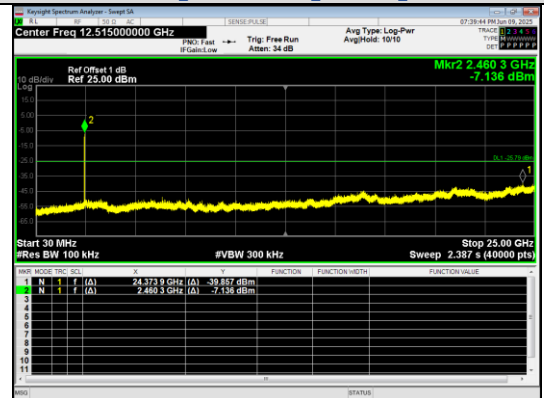
In-Band Reference Level IEEE 802.11n_Channel 6_20MHz_Antenna 0



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

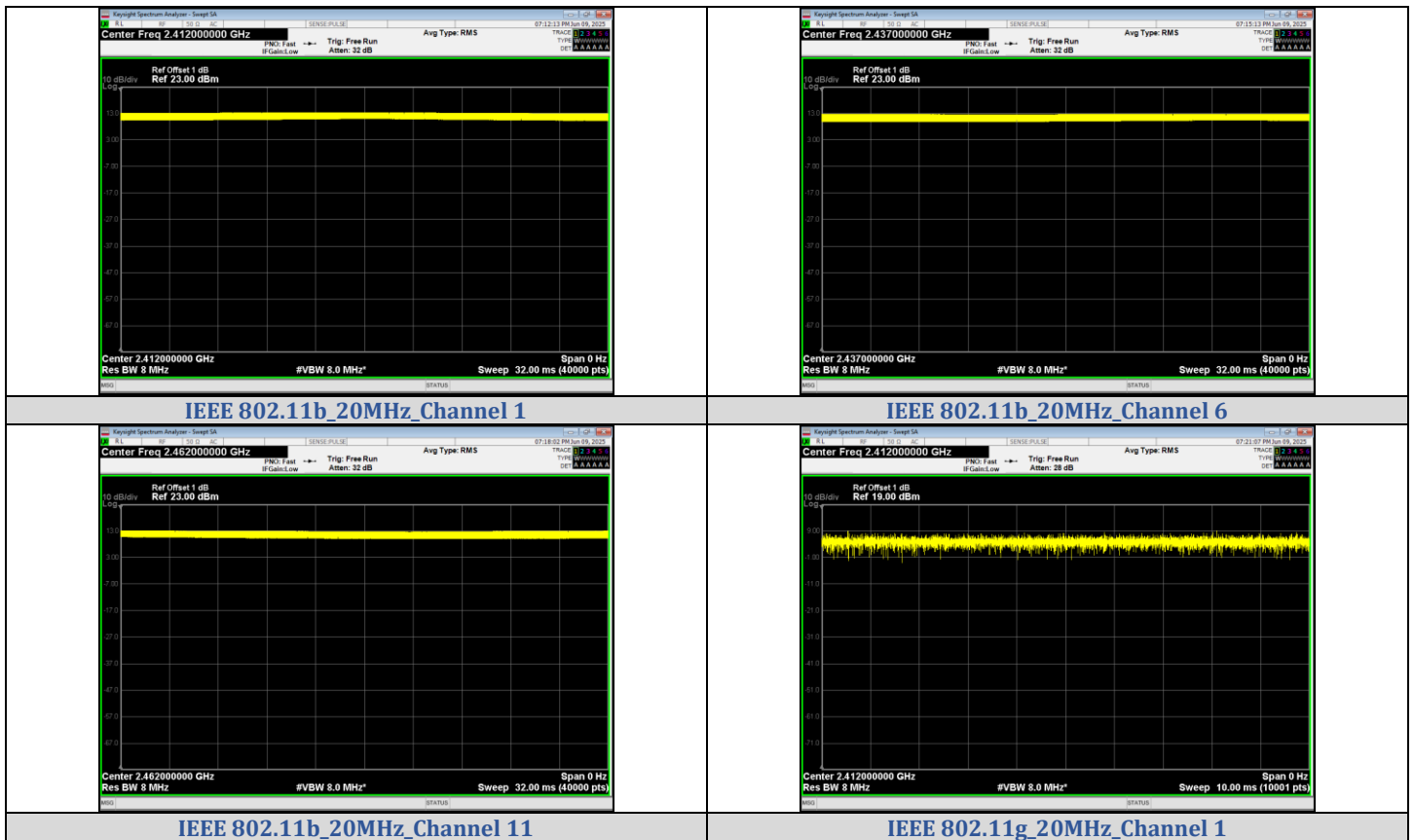
30.0 MHz - 25000.0 MHz IEEE 802.11n_Channel 11_20MHz_Antenna 0

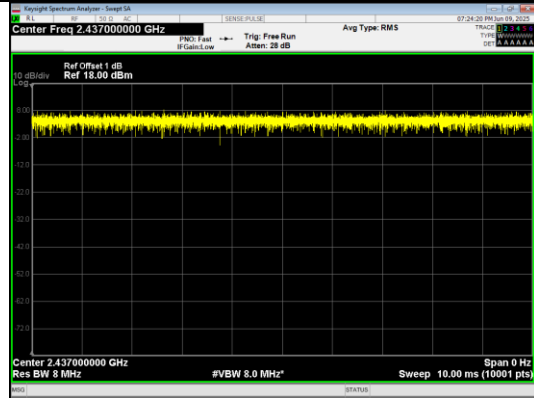
Duty Cycle

Test Result

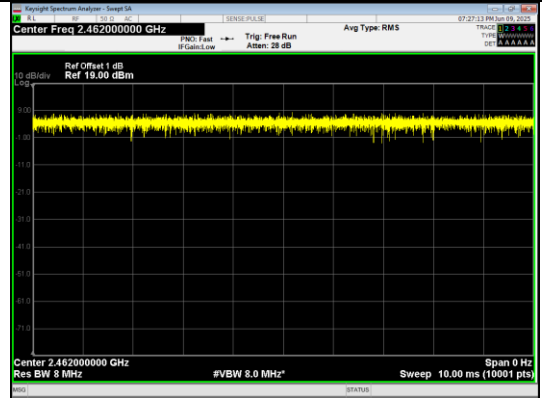
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11b	1	1	1	32.000	32.000	100	1	0.0	0.0312
		6		32.000	32.000	100	1	0.0	0.0312
		11		32.000	32.000	100	1	0.0	0.0312
IEEE 802.11g		1		10.000	10.000	100	1	0.0	0.1000
		6		10.000	10.000	100	1	0.0	0.1000
		11		10.000	10.000	100	1	0.0	0.1000
IEEE 802.11n_20	MCS 0	1	10.000	10.000	100	1	0.0	0.1000	
		6	10.000	10.000	100	1	0.0	0.1000	
		11	10.000	10.000	100	1	0.0	0.1000	

Test Graphs

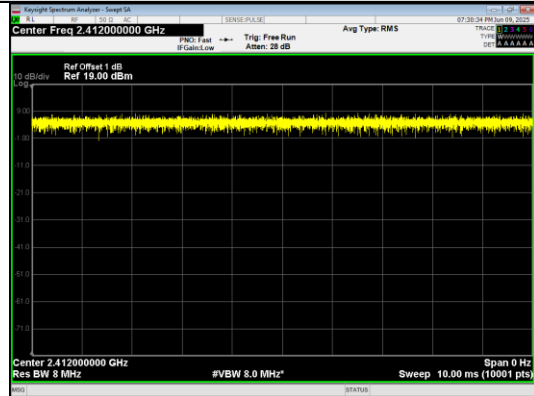




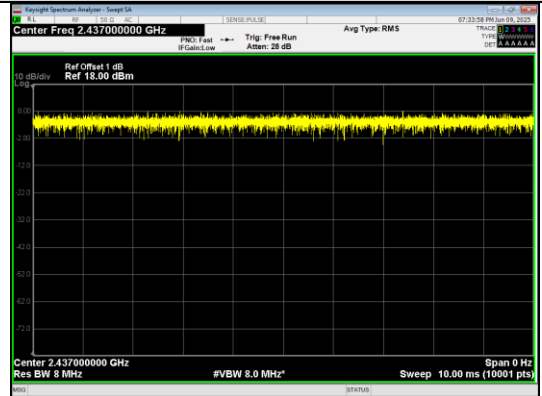
IEEE 802.11g_20MHz_Channel 6



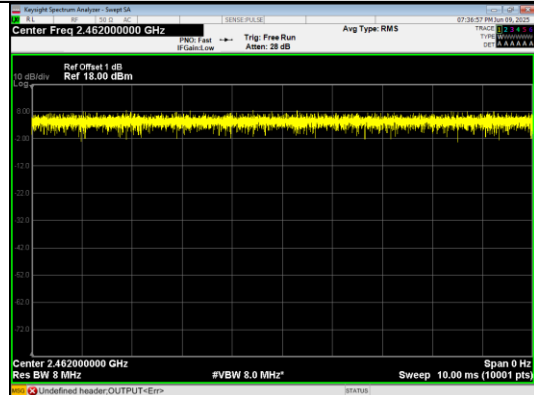
IEEE 802.11g_20MHz_Channel 11



IEEE 802.11n_20MHz_Channel 1



IEEE 802.11n_20MHz_Channel 6



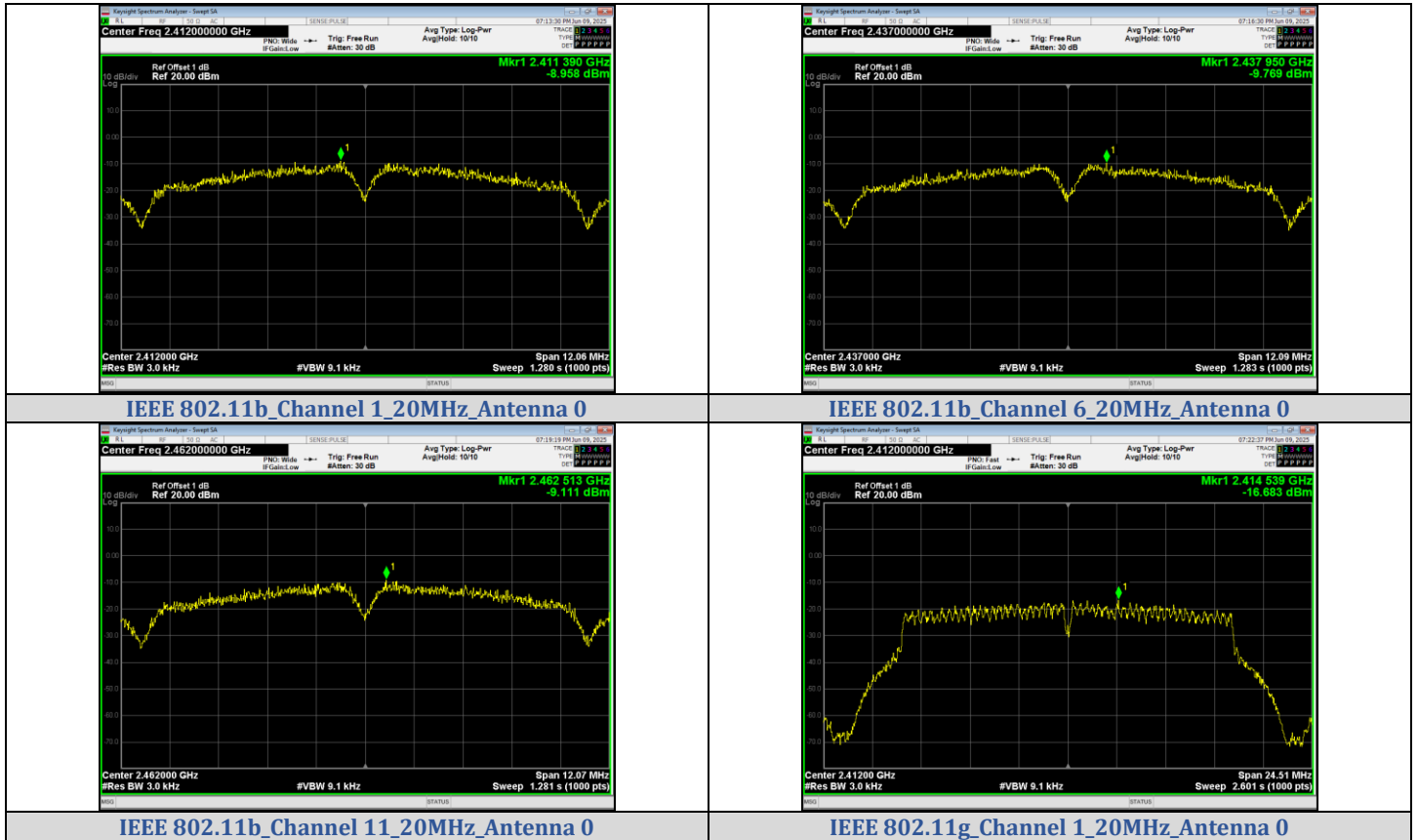
IEEE 802.11n_20MHz_Channel 11

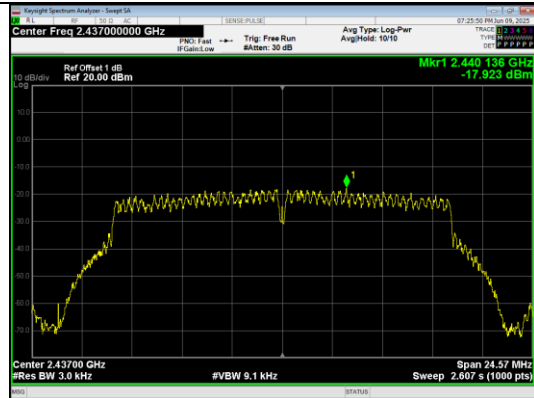
Power Spectral Density

Test Result

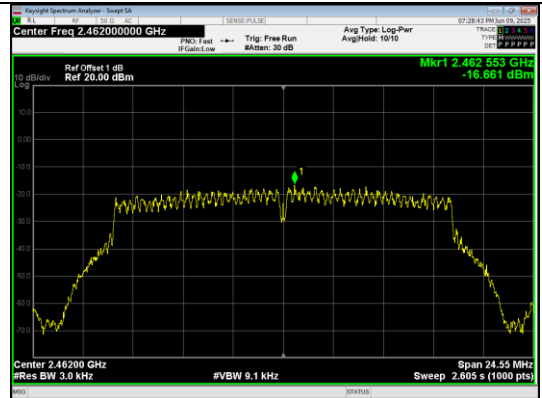
Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-8.958	≤8	PASS
	6	-9.769		PASS
	11	-9.111		PASS
IEEE 802.11g	1	-16.683		PASS
	6	-17.923		PASS
	11	-16.661		PASS
IEEE 802.11n_20	1	-16.668		PASS
	6	-17.708		PASS
	11	-17.282		PASS

Test Graphs

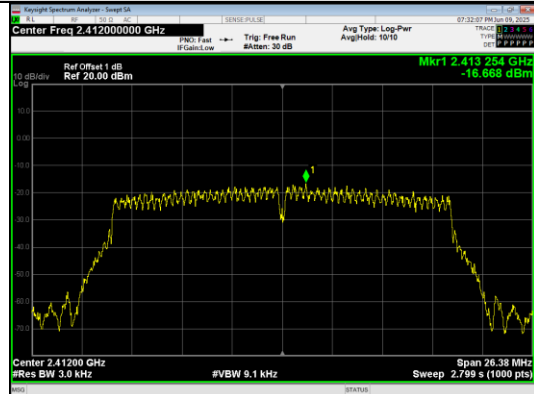




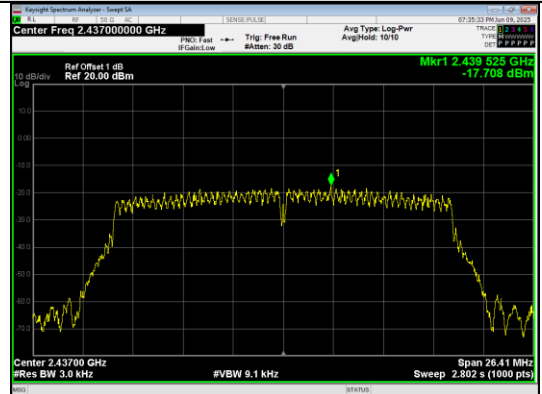
IEEE 802.11g_Channel 6_20MHz_Antenna 0



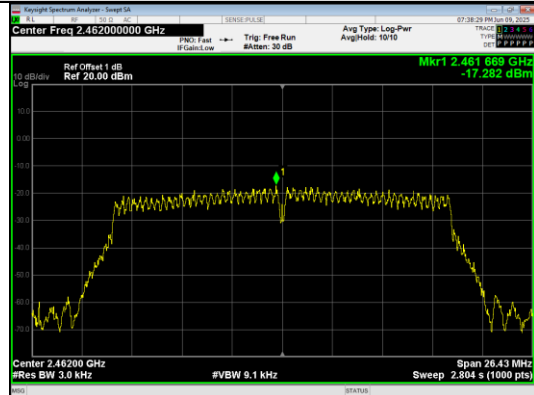
IEEE 802.11g_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 1_20MHz_Antenna 0



IEEE 802.11n_Channel 6_20MHz_Antenna 0



IEEE 802.11n_Channel 11_20MHz_Antenna 0