



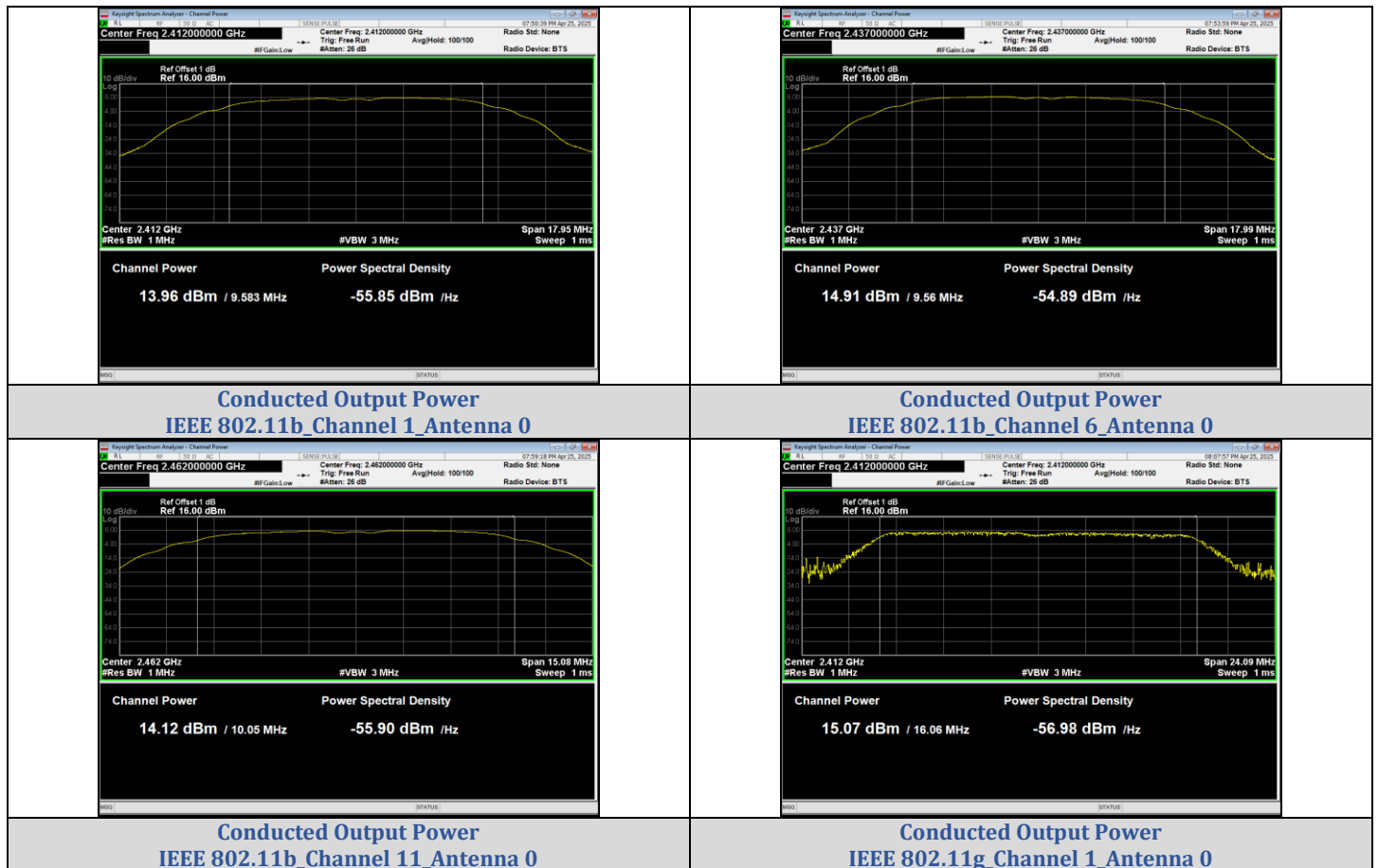
Conducted Output Power

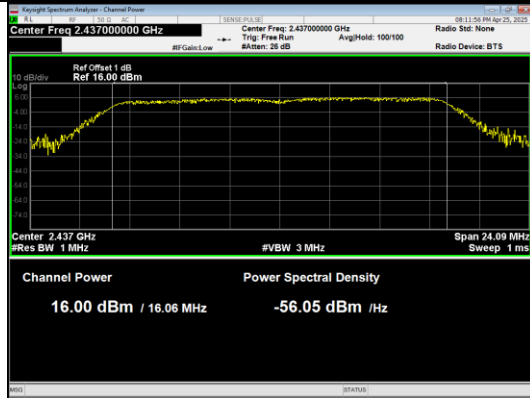
Test Result

Conducted Output Power

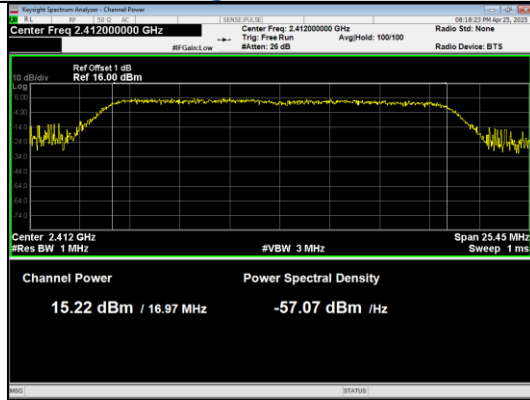
Mode	Channel	Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11b	1	13.96	≤30	PASS
	6	14.91	≤30	PASS
	11	14.12	≤30	PASS
IEEE 802.11g	1	15.07	≤30	PASS
	6	16.00	≤30	PASS
	11	15.35	≤30	PASS
IEEE 802.11n_20	1	15.22	≤30	PASS
	6	15.62	≤30	PASS
	11	15.37	≤30	PASS

Test Graphs

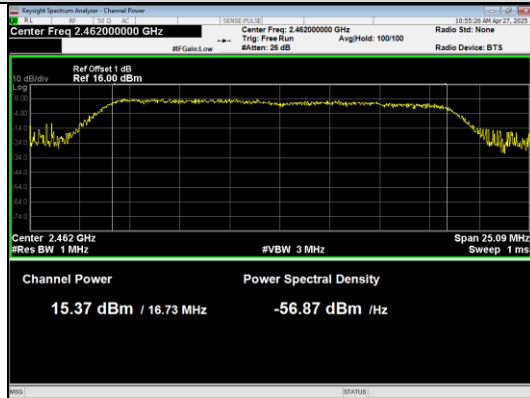




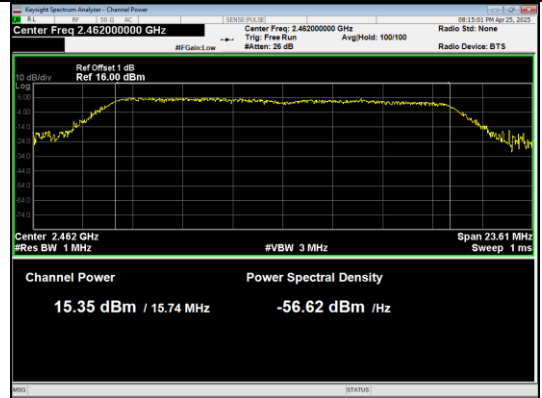
Conducted Output Power
IEEE 802.11g_Channel 6_Antenna 0



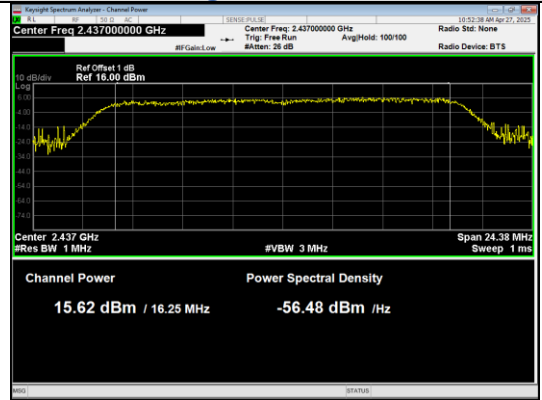
Conducted Output Power
IEEE 802.11n_20_Channel 1_Antenna 0



Conducted Output Power
IEEE 802.11n_20_Channel 11_Antenna 0



Conducted Output Power
IEEE 802.11g_Channel 11_Antenna 0



Conducted Output Power
IEEE 802.11n_20_Channel 6_Antenna 0

99% Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11b	1	2412	11.969
	6	2437	11.992
	11	2462	12.019
IEEE 802.11g	1	2412	16.566
	6	2437	16.562
	11	2462	16.596
IEEE 802.11n_20	1	2412	17.589
	6	2437	17.550
	11	2462	17.639

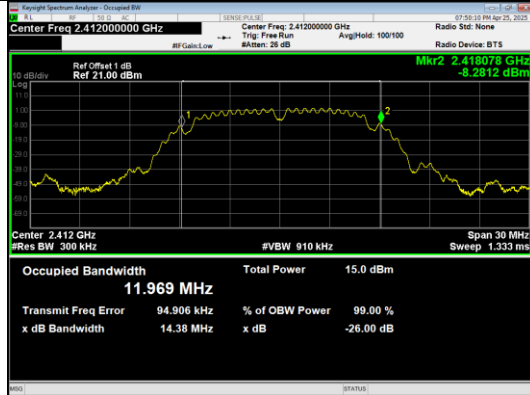


9

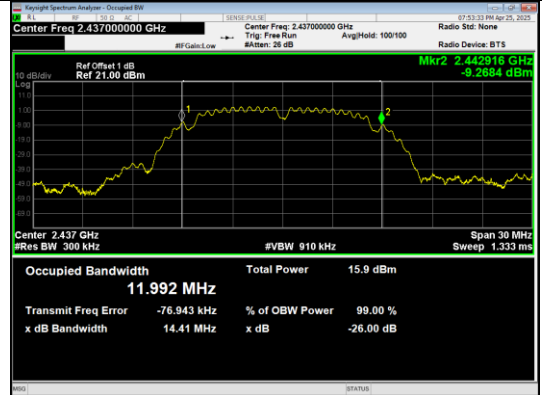
2452

35.789

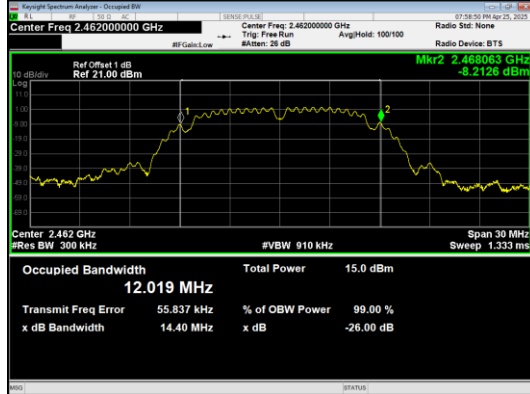
Test Graphs



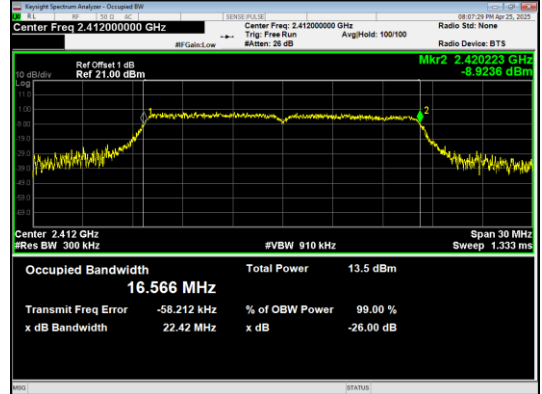
IEEE 802.11b_Channel 1_20MHz_Antenna 0



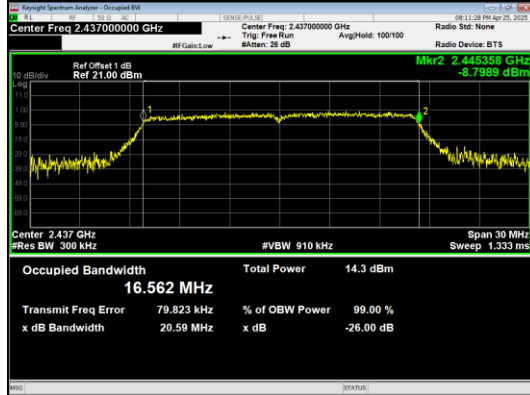
IEEE 802.11b_Channel 6_20MHz_Antenna 0



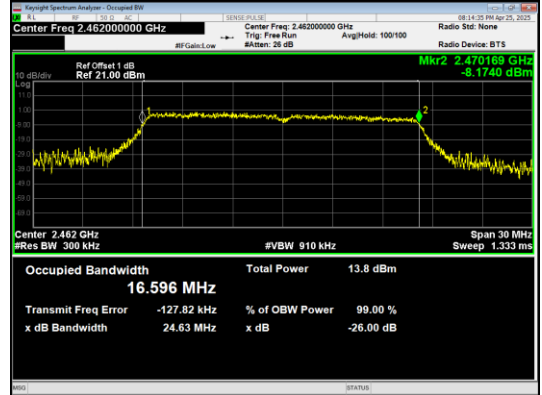
IEEE 802.11b_Channel 11_20MHz_Antenna 0



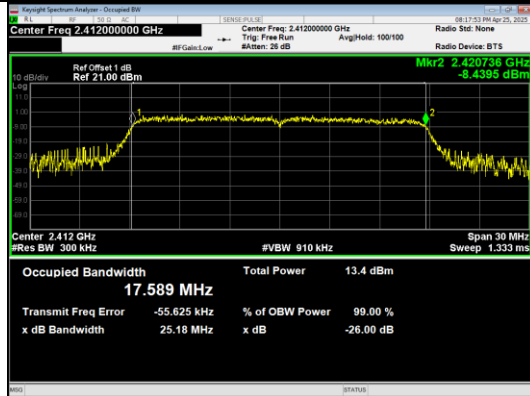
IEEE 802.11g_Channel 1_20MHz_Antenna 0



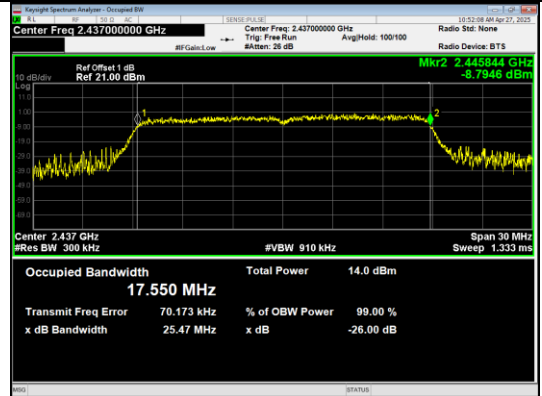
IEEE 802.11g_Channel 6_20MHz_Antenna 0



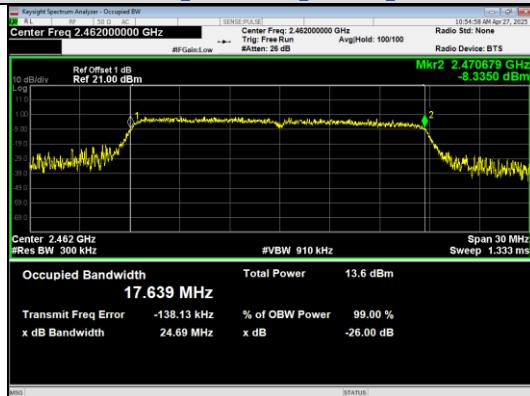
IEEE 802.11g_Channel 11_20MHz_Antenna 0



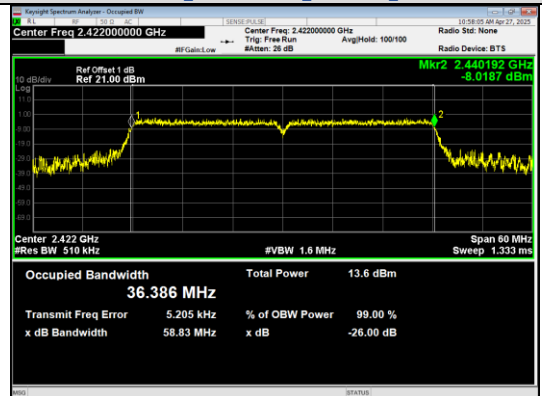
IEEE 802.11n_Channel 1_20MHz_Antenna 0



IEEE 802.11n_Channel 6_20MHz_Antenna 0



IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0

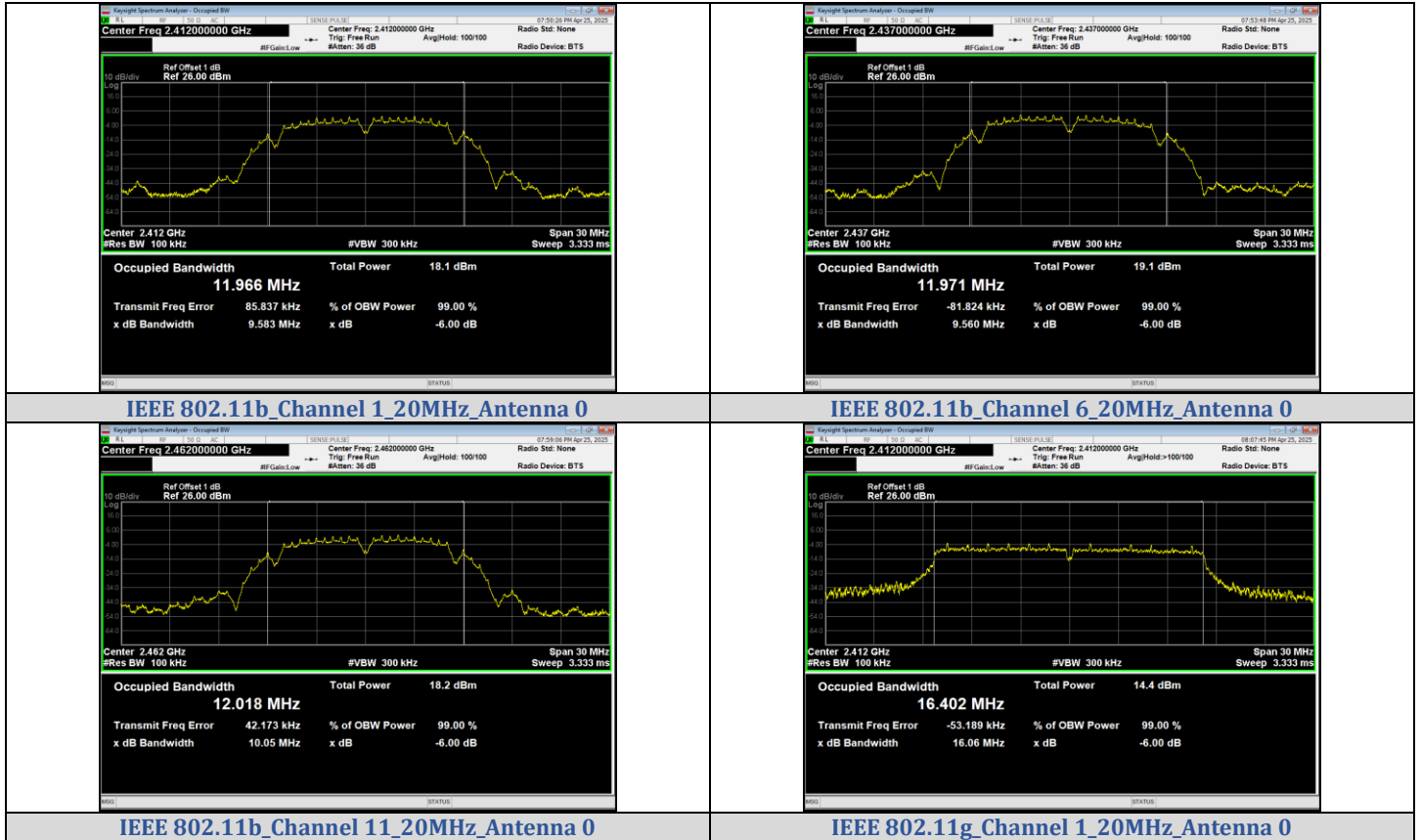


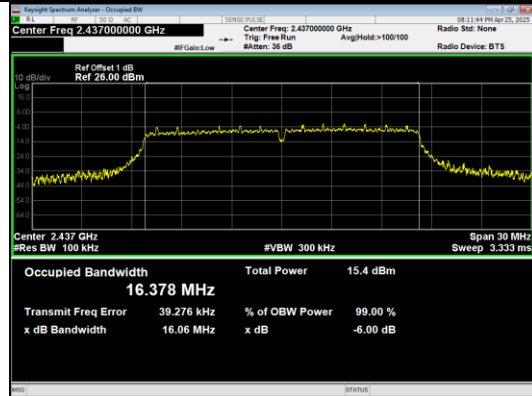
6dB Bandwidth

Test Result

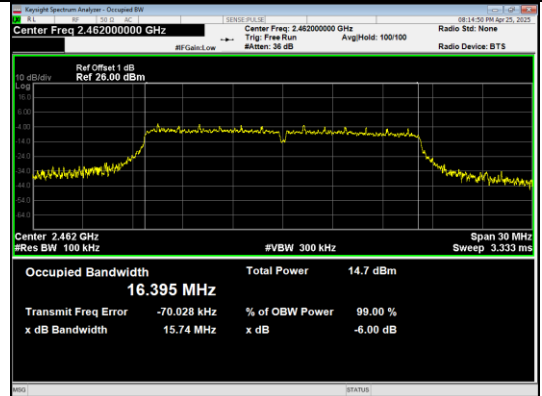
Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	9.583	≥0.5	PASS
	6		2437	9.560		PASS
	11		2462	10.05		PASS
IEEE 802.11g	1		2412	16.06		PASS
	6		2437	16.06		PASS
	11		2462	15.74		PASS
IEEE 802.11n_20	1		2412	16.97		PASS
	6		2437	16.25		PASS
	11		2462	16.73		PASS

Test Graphs

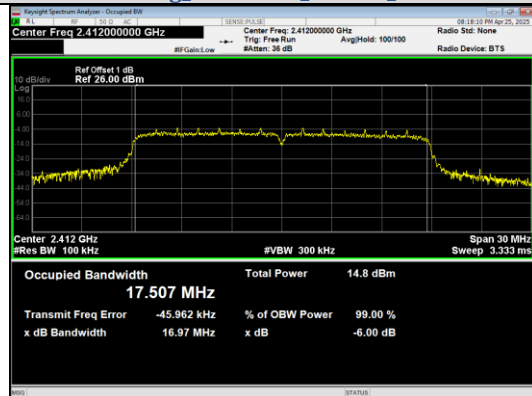




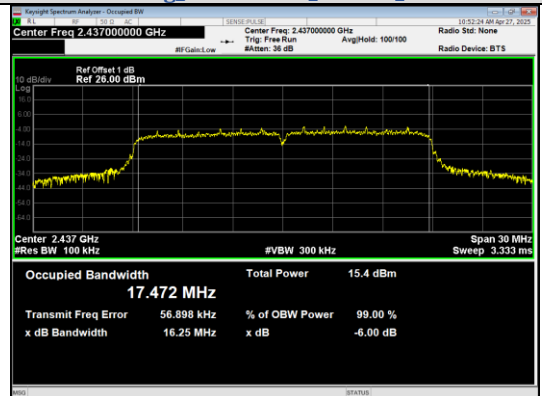
IEEE 802.11g_Channel 6_20MHz_Antenna 0



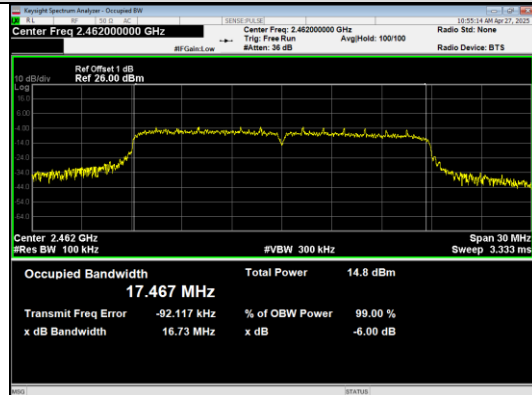
IEEE 802.11g_Channel 11_20MHz_Antenna 0



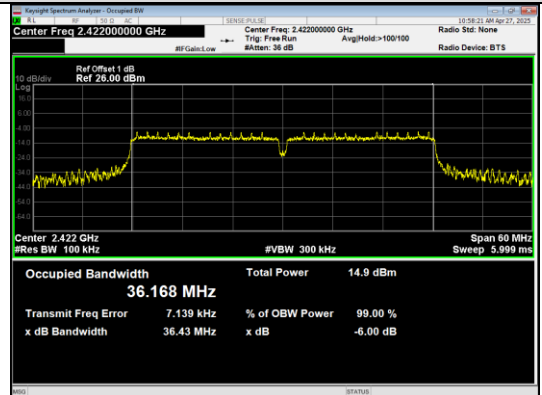
IEEE 802.11n_Channel 1_20MHz_Antenna 0



IEEE 802.11n_Channel 6_20MHz_Antenna 0



IEEE 802.11n_Channel 11_20MHz_Antenna 0



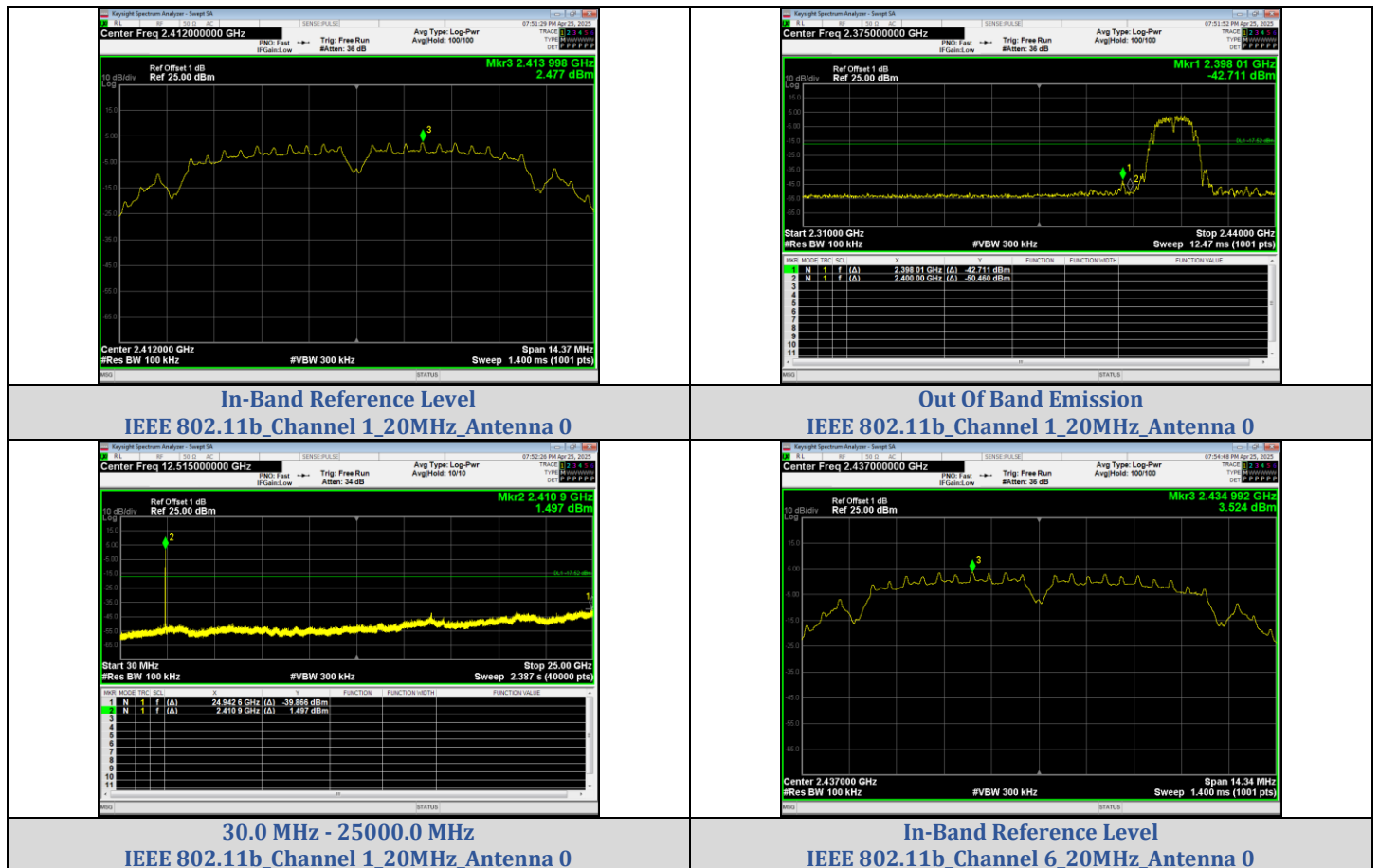
IEEE 802.11n_Channel 3_40MHz_Antenna 0

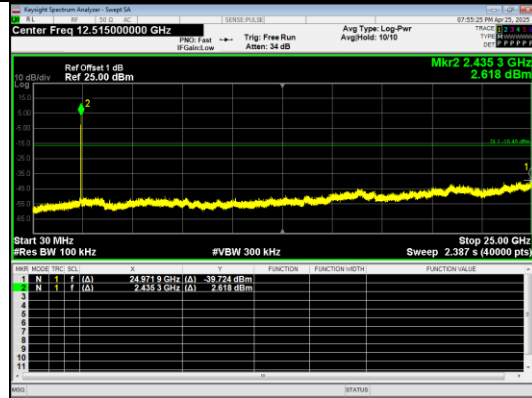
Conducted Out Of Band Emission

Test Result

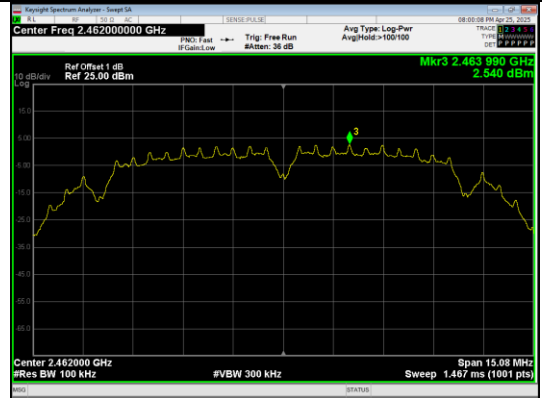
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	2398.01	-42.711	-17.52	-25.191	PASS
		2400.00	-50.460	-17.52	-32.940	PASS
		24942.6	-39.866	-17.52	-22.346	PASS
	6	24971.9	-39.724	-16.48	-23.244	PASS
		2483.50	-50.791	-17.46	-33.331	PASS
		24996.9	-40.316	-17.46	-22.856	PASS
IEEE 802.11g	1	2398.92	-32.960	-22.84	-10.120	PASS
		2400.00	-33.405	-22.84	-10.565	PASS
		24897.0	-39.489	-22.84	-16.649	PASS
	6	24970.0	-39.550	-21.69	-17.860	PASS
		2483.50	-48.039	-22.07	-25.969	PASS
		24986.3	-39.719	-22.07	-17.649	PASS
IEEE 802.11n_20	1	2400.00	-31.944	-22.83	-9.114	PASS
		24848.9	-40.587	-22.83	-17.757	PASS
		24977.5	-40.022	-22.09	-17.932	PASS
	6	2483.50	-46.377	-21.91	-24.467	PASS
		24413.2	-40.286	-21.91	-18.376	PASS

Test Graphs

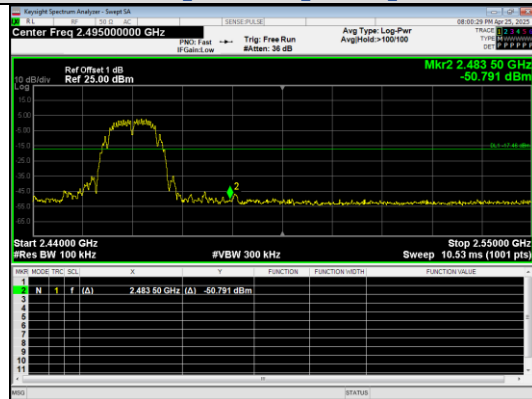




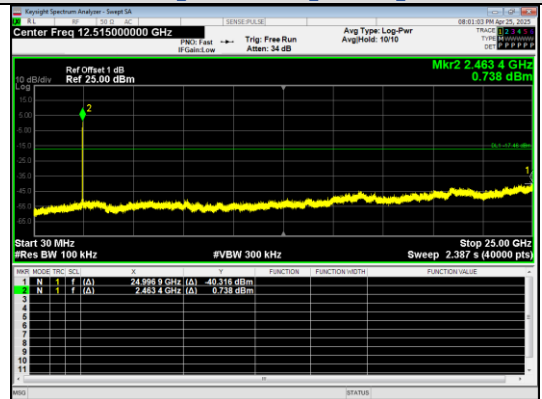
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 6_20MHz_Antenna 0



In-Band Reference Level
IEEE 802.11b_Channel 11_20MHz_Antenna 0



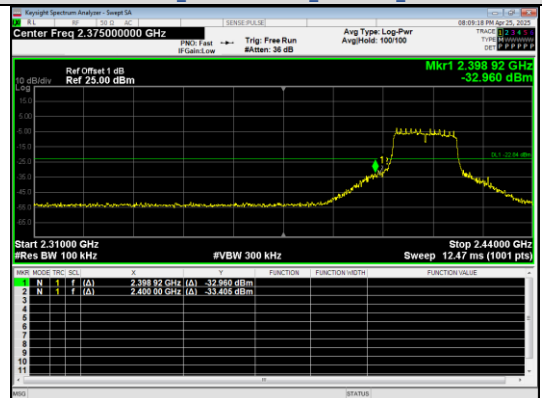
Out Of Band Emission
IEEE 802.11b_Channel 11_20MHz_Antenna 0



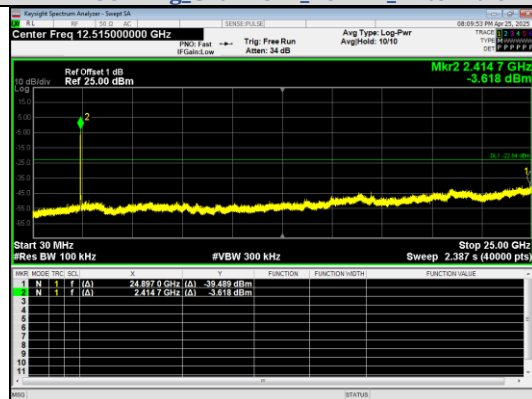
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 11_20MHz_Antenna 0



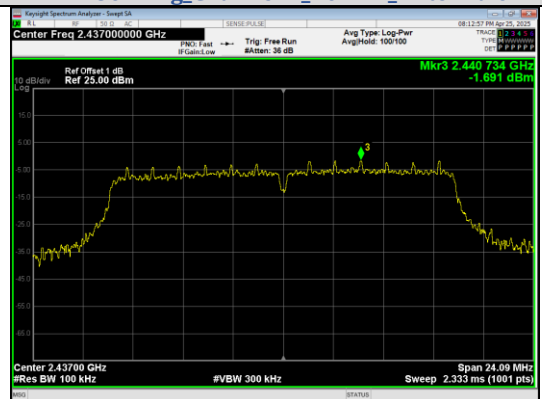
In-Band Reference Level
IEEE 802.11g_Channel 1_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11g_Channel 1_20MHz_Antenna 0

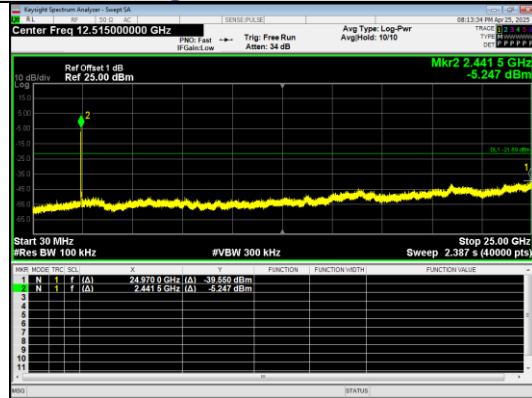


30.0 MHz - 25000.0 MHz

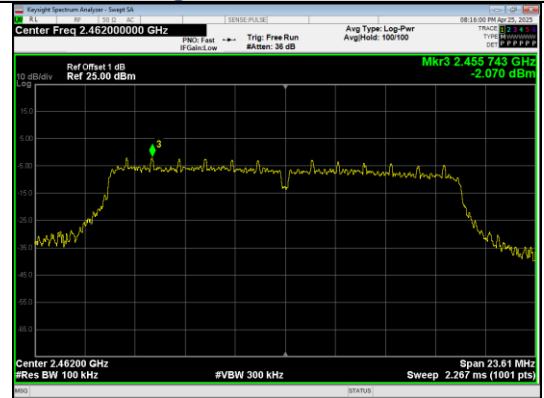


In-Band Reference Level

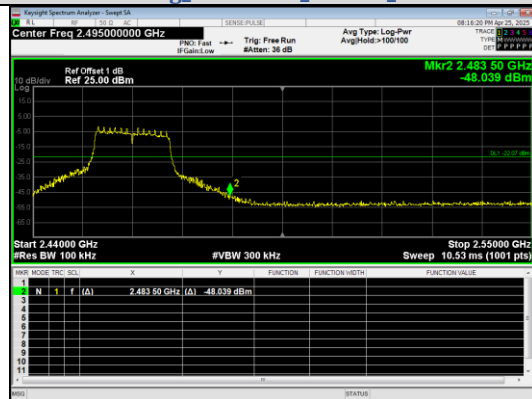
IEEE 802.11g_Channel 1_20MHz_Antenna 0



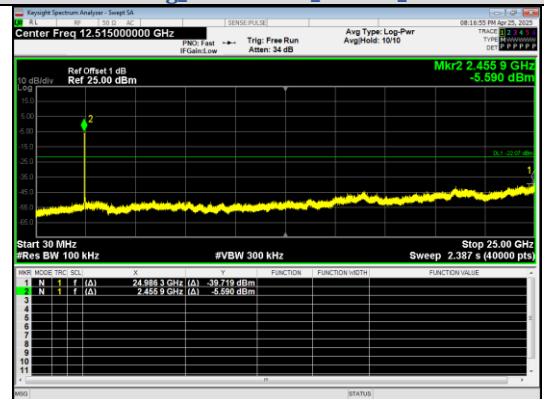
IEEE 802.11g_Channel 6_20MHz_Antenna 0



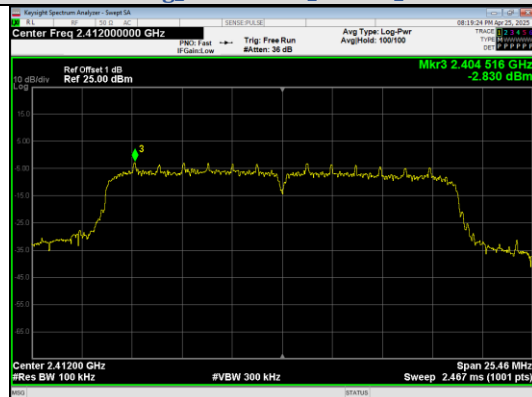
30.0 MHz - 25000.0 MHz IEEE 802.11g_Channel 6_20MHz_Antenna 0



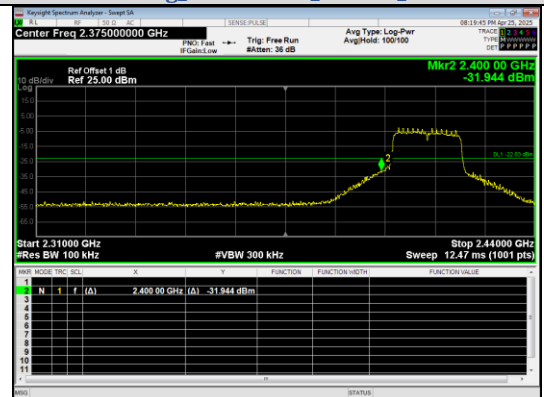
In-Band Reference Level IEEE 802.11g_Channel 11_20MHz_Antenna 0



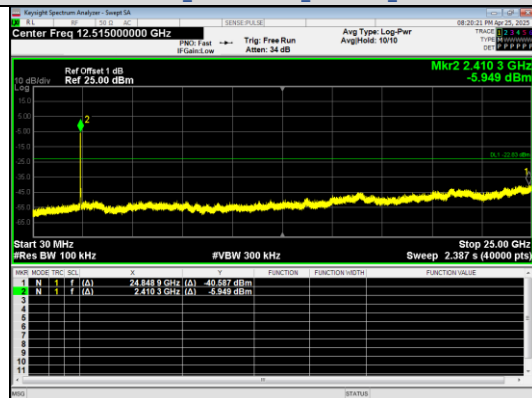
Out Of Band Emission IEEE 802.11g_Channel 11_20MHz_Antenna 0



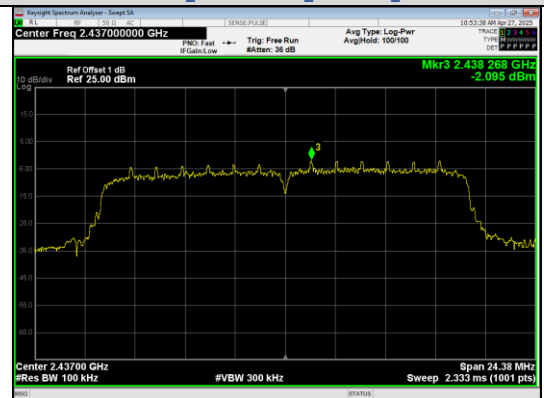
30.0 MHz - 25000.0 MHz IEEE 802.11g_Channel 11_20MHz_Antenna 0



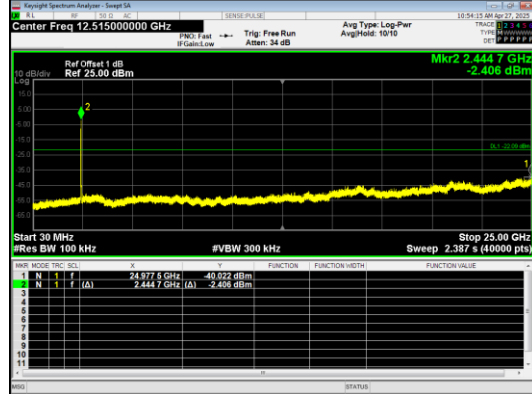
In-Band Reference Level IEEE 802.11n_Channel 1_20MHz_Antenna 0



Out Of Band Emission IEEE 802.11n_Channel 1_20MHz_Antenna 0



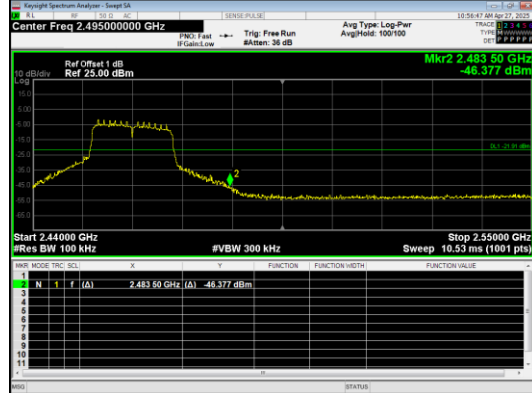
30.0 MHz - 25000.0 MHz IEEE 802.11n_Channel 1_20MHz_Antenna 0



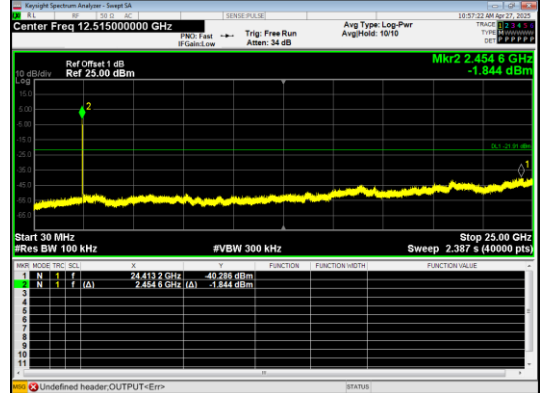
In-Band Reference Level IEEE 802.11n_Channel 6_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz IEEE 802.11n_Channel 6_20MHz_Antenna 0

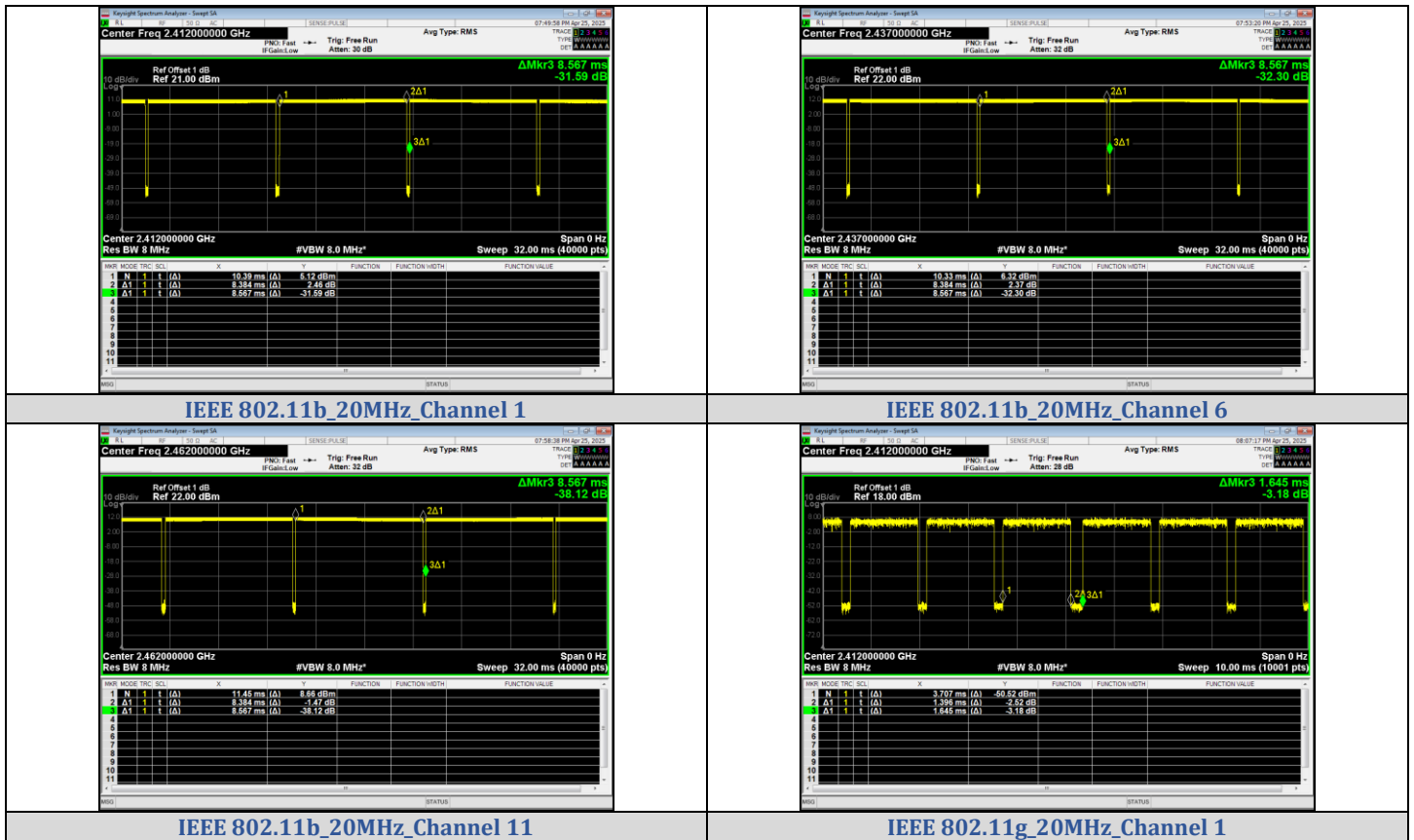


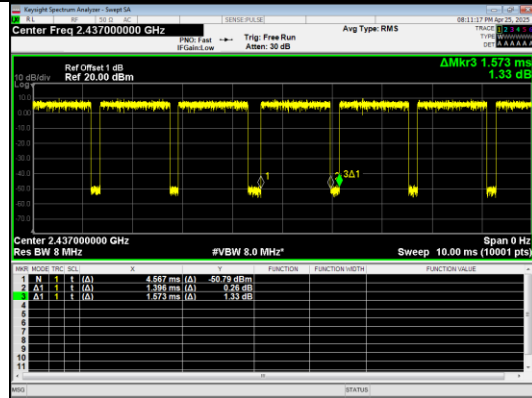
In-Band Reference Level IEEE 802.11n_Channel 11_20MHz_Antenna 0



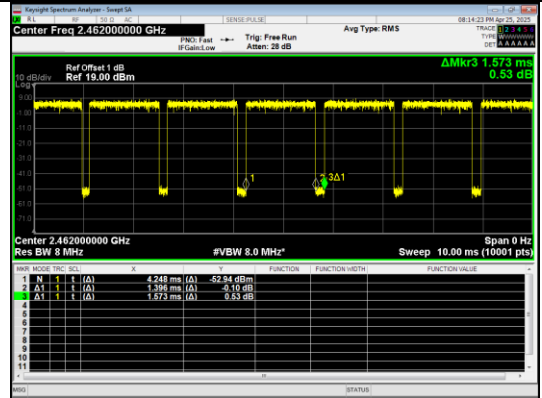
Out Of Band Emission IEEE 802.11n_Channel 11_20MHz_Antenna 0

30.0 MHz - 25000.0 MHz IEEE 802.11n_Channel 11_20MHz_Antenna 0

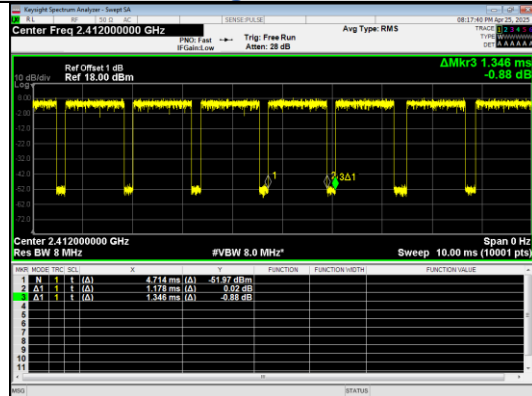




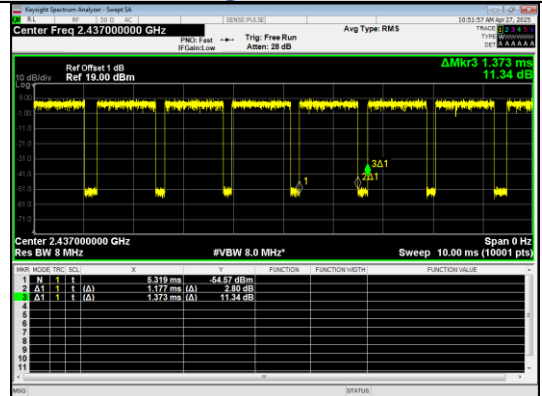
IEEE 802.11g_20MHz_Channel 6



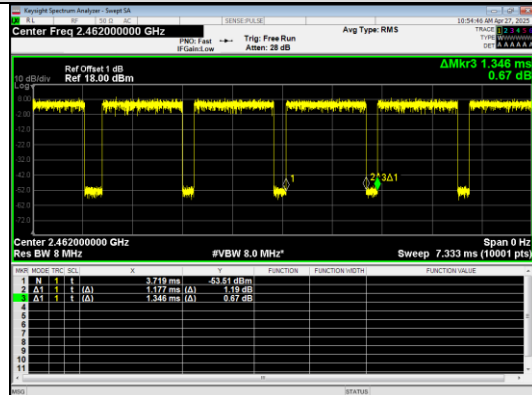
IEEE 802.11g_20MHz_Channel 11



IEEE 802.11n_20MHz_Channel 1



IEEE 802.11n_20MHz_Channel 6



IEEE 802.11n_20MHz_Channel 11

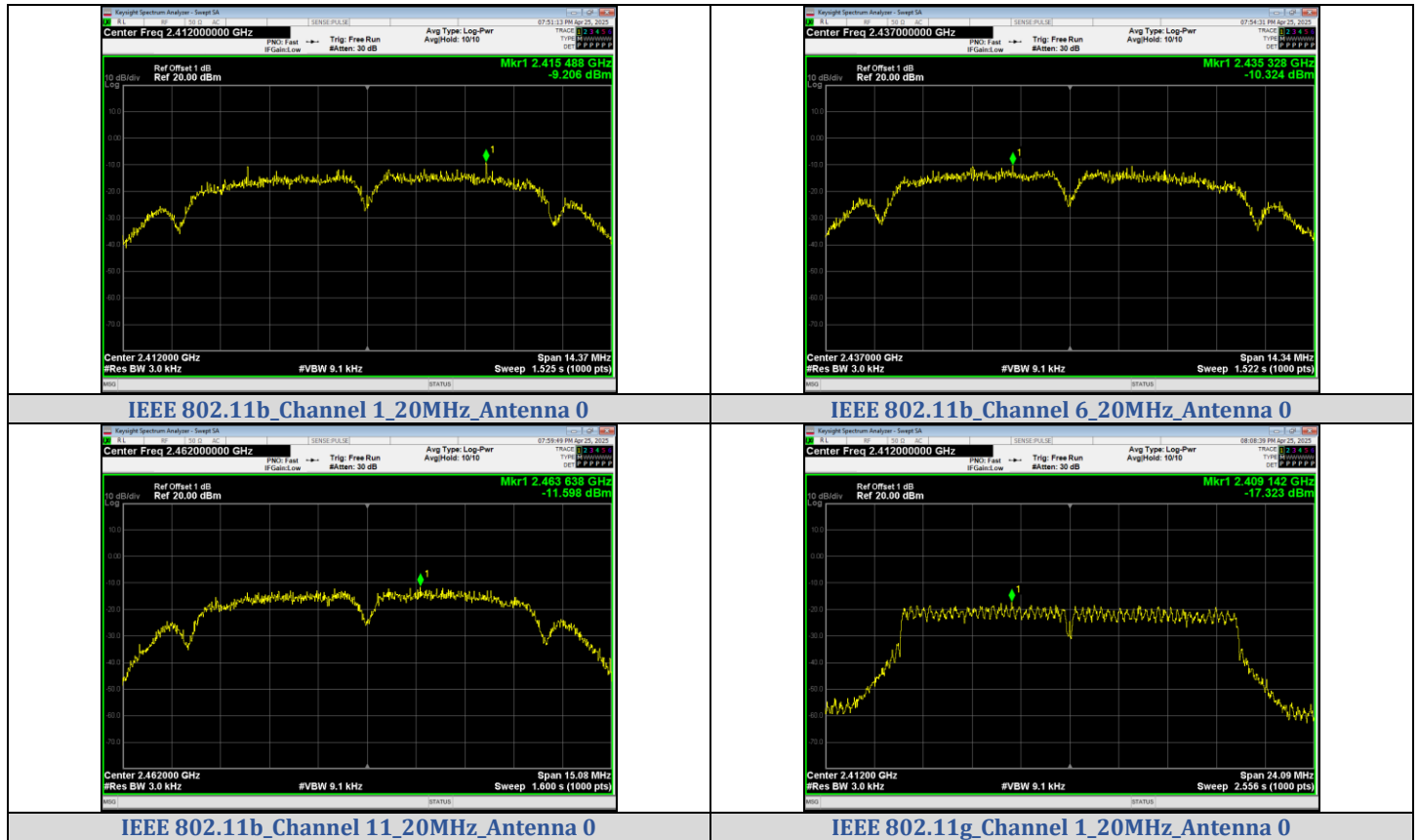


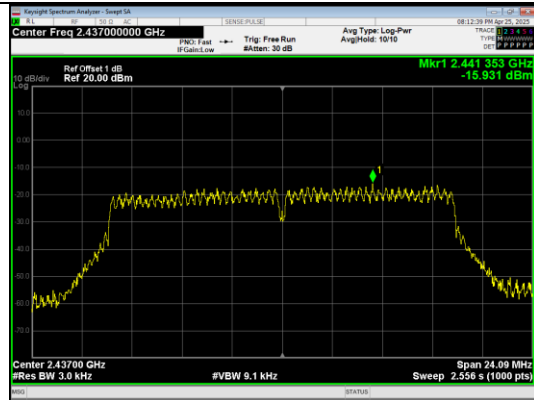
Power Spectral Density

Test Result

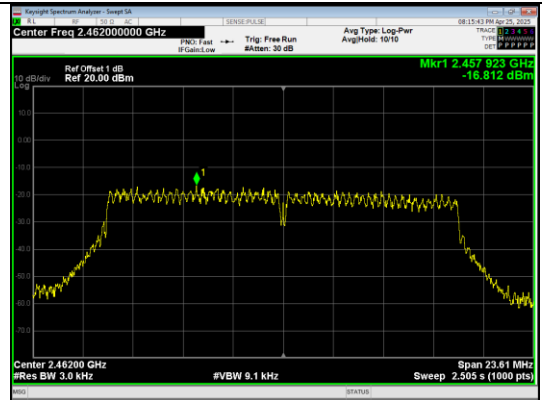
Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-9.206	≤8	PASS
	6	-10.324		PASS
	11	-11.598		PASS
IEEE 802.11g	1	-17.323		PASS
	6	-15.931		PASS
	11	-16.812		PASS
IEEE 802.11n_20	1	-17.105		PASS
	6	-16.336		PASS
	11	-16.814		PASS

Test Graphs

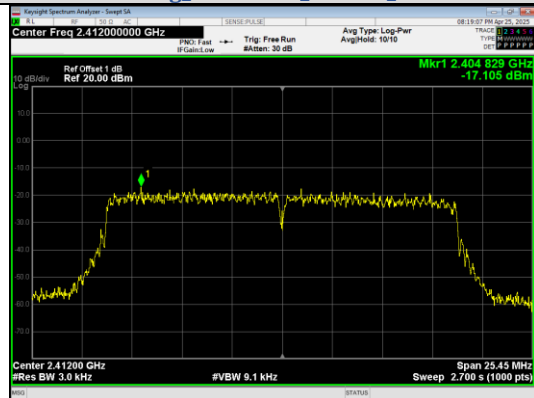




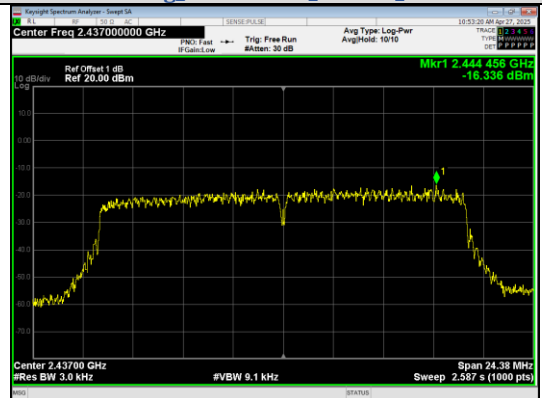
IEEE 802.11g_Channel 6_20MHz_Antenna 0



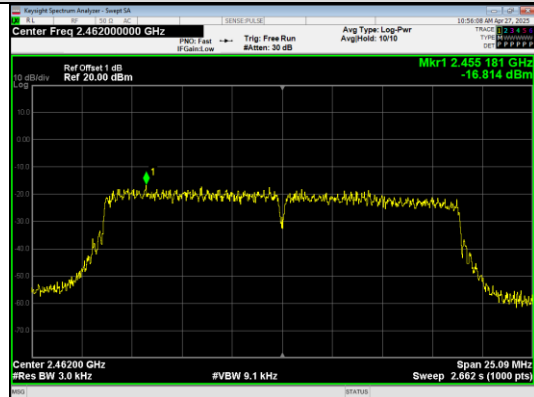
IEEE 802.11g_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 1_20MHz_Antenna 0



IEEE 802.11n_Channel 6_20MHz_Antenna 0



IEEE 802.11n_Channel 11_20MHz_Antenna 0