

Conducted Output Power

Test Result

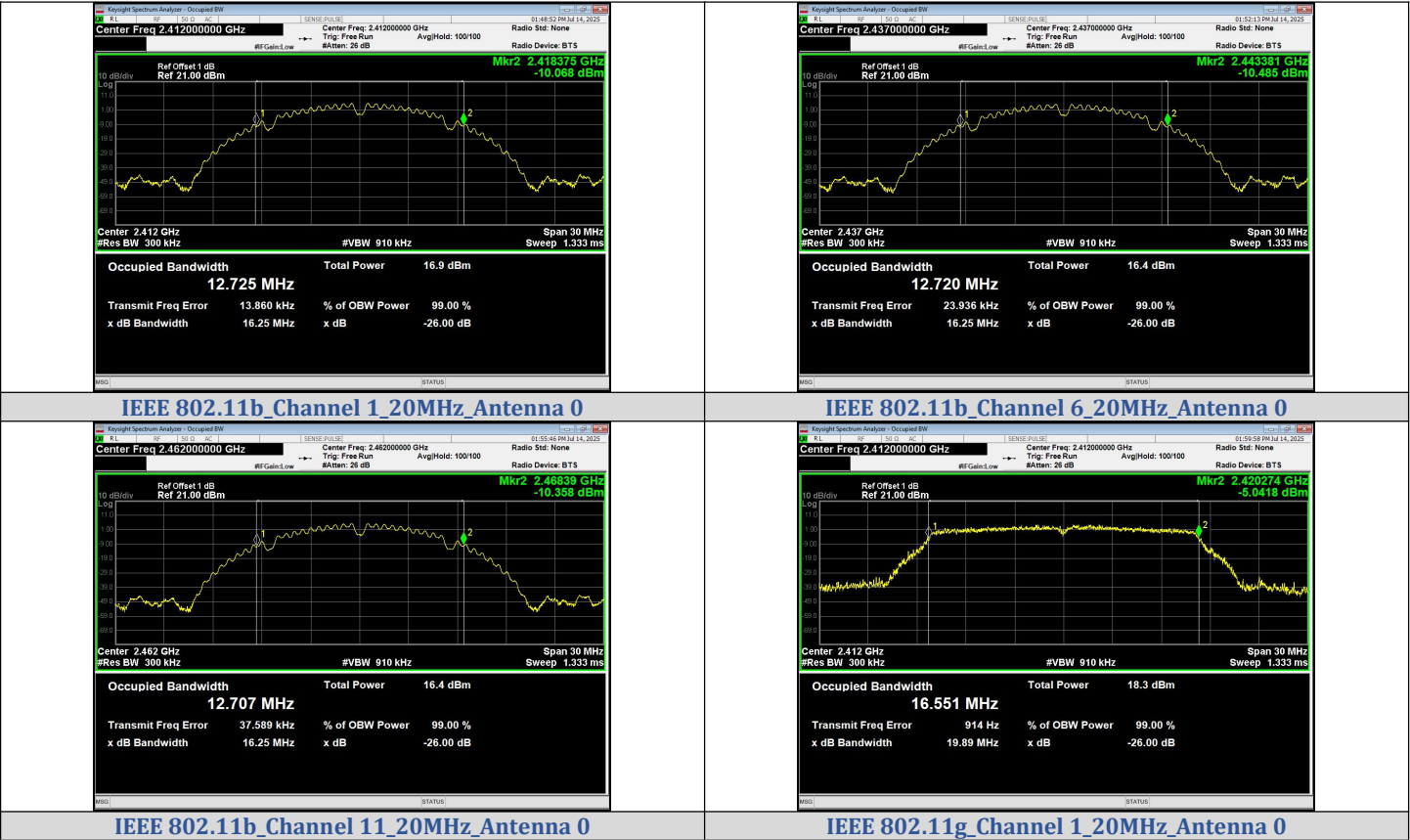
Conducted Output Power

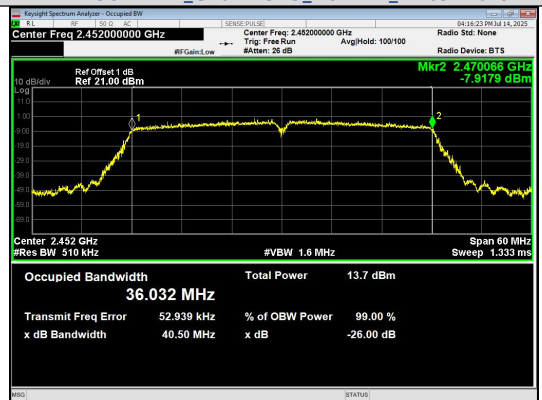
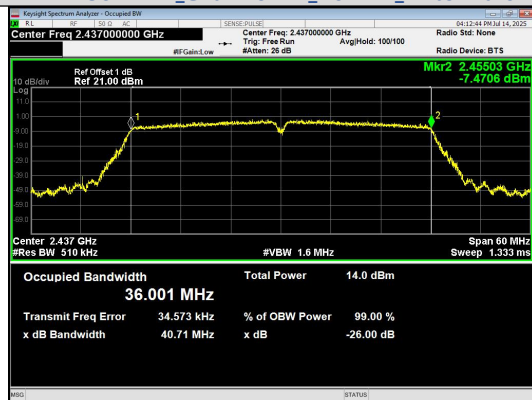
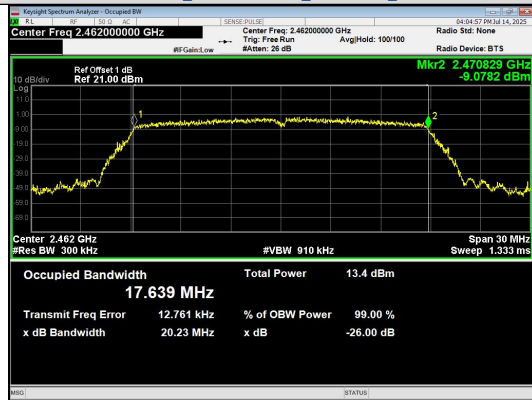
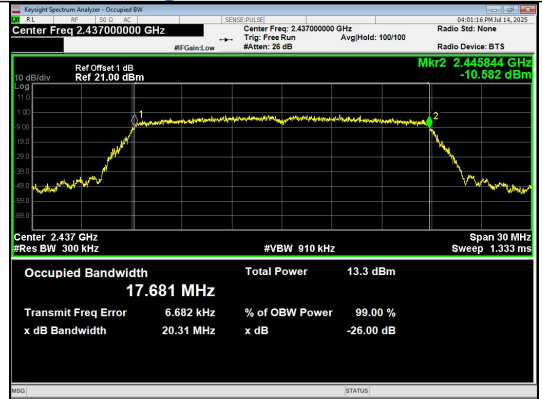
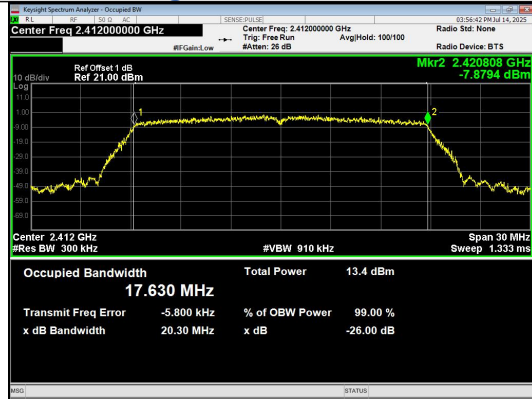
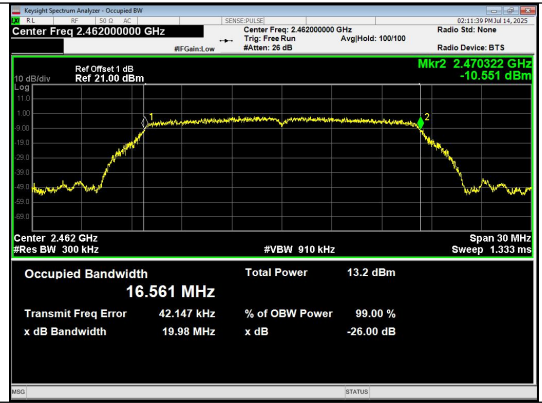
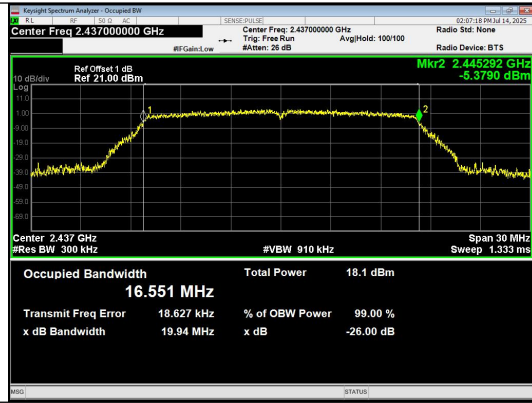
Mode	Channel	Ant. 0 (dBm)	Total (dBm)	Limit (dBm)	Result
IEEE 802.11b	1	7.72	N/A	≤30	PASS
	6	7.06	N/A	≤30	PASS
	11	7.24	N/A	≤30	PASS
IEEE 802.11g	1	7.43	N/A	≤30	PASS
	6	7.12	N/A	≤30	PASS
	11	7.93	N/A	≤30	PASS
IEEE 802.11n_20	1	7.06	N/A	≤30	PASS
	6	7.09	N/A	≤30	PASS
	11	7.16	N/A	≤30	PASS
IEEE 802.11n_40	3	7.53	N/A	≤30	PASS
	6	7.55	N/A	≤30	PASS
	9	7.30	N/A	≤30	PASS

99% Bandwidth Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11b	1	0	2412	12.725
	6		2437	12.720
	11		2462	12.707
IEEE 802.11g	1		2412	16.551
	6		2437	16.551
	11		2462	16.561
IEEE 802.11n_20	1		2412	17.630
	6		2437	17.681
	11		2462	17.639
IEEE 802.11n_40	3		2422	36.035
	6		2437	36.001
	9		2452	36.032

Test Graphs





IEEE 802.11n_Channel 6_40MHz_Antenna 0

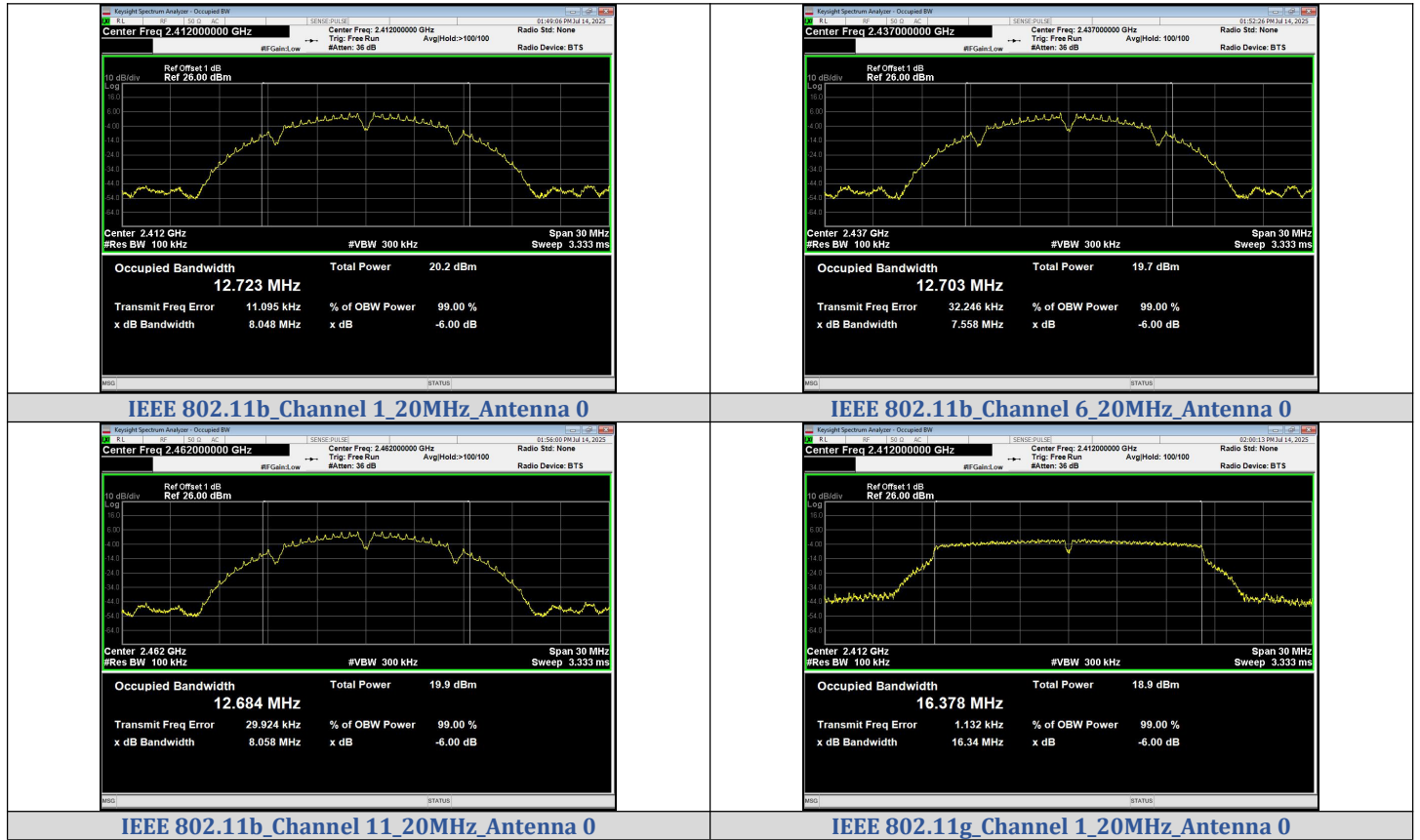
IEEE 802.11n_Channel 9_40MHz_Antenna 0

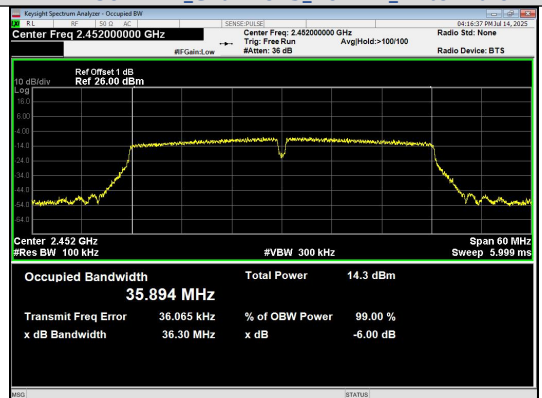
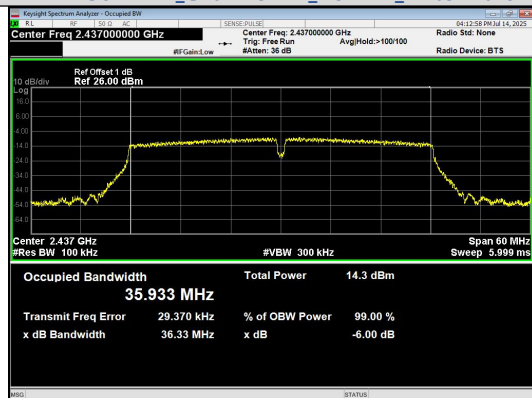
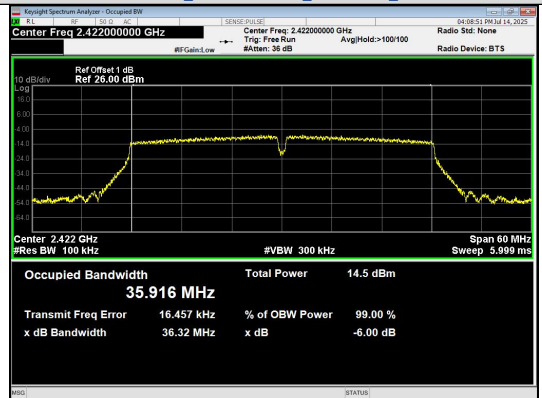
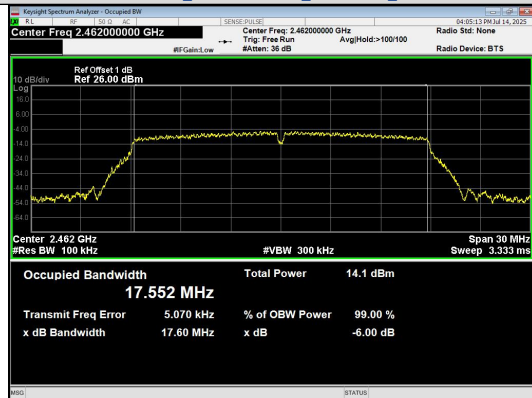
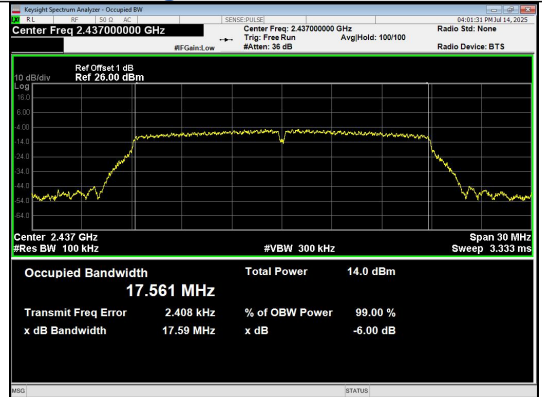
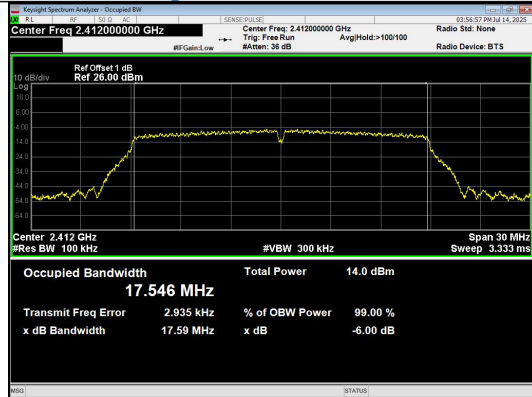
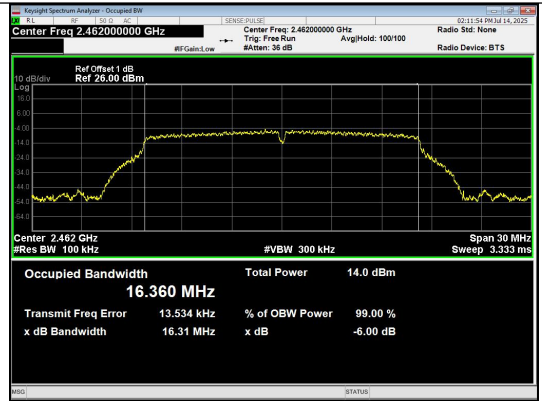
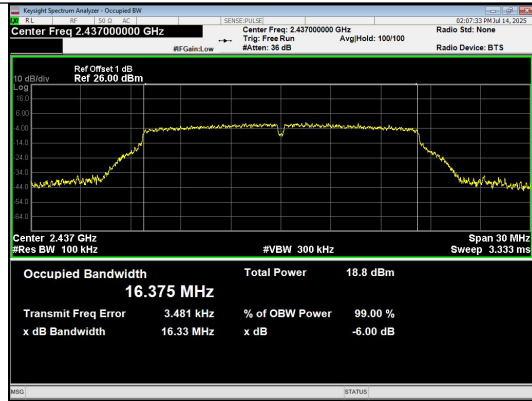
6dB Bandwidth

Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	8.050	≥0.5	PASS
	6		2437	7.560		PASS
	11		2462	8.060		PASS
IEEE 802.11g	1		2412	16.34		PASS
	6		2437	16.33		PASS
	11		2462	16.31		PASS
IEEE 802.11n_20	1		2412	17.59		PASS
	6		2437	17.59		PASS
	11		2462	17.60		PASS
IEEE 802.11n_40	3		2422	36.32		PASS
	6		2437	36.33		PASS
	9		2452	36.30		PASS

Test Graphs





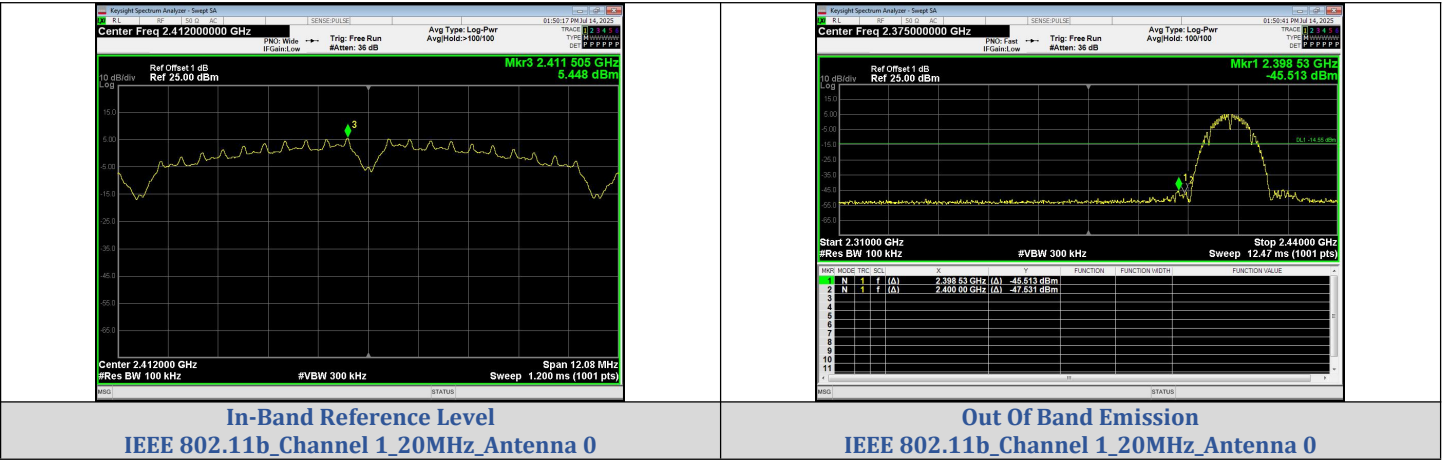
IEEE 802.11n Channel 6_40MHz_Antenna 0

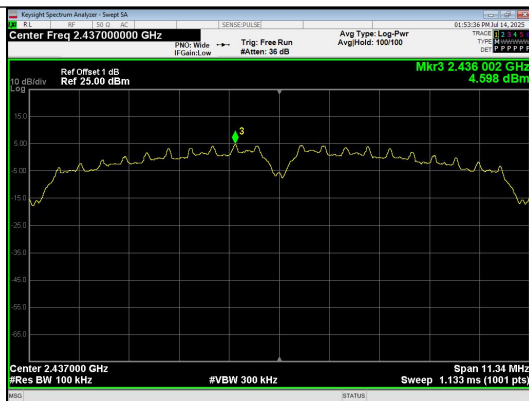
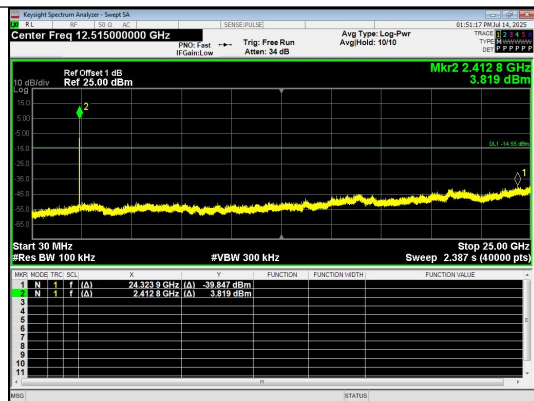
IEEE 802.11n Channel 9_40MHz_Antenna 0

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	2398.53	-45.513	-14.55	-30.963	PASS	
			2400.00	-47.530	-14.55	-32.980	PASS	
			24323.9	-39.847	-14.55	-25.297	PASS	
	6		24988.1	-39.264	-15.4	-23.864	PASS	
			11	2483.50	-52.770	-15.08	-37.690	PASS
				24962.5	-39.785	-15.08	-24.705	PASS
IEEE 802.11g	1			2398.79	-37.768	-19.86	-17.908	PASS
			2400.00	-38.030	-19.86	-18.170	PASS	
			24965.7	-39.459	-19.86	-19.599	PASS	
	6		24328.9	-39.870	-20.13	-19.740	PASS	
			11	2483.50	-52.060	-25.28	-26.780	PASS
				24947.6	-39.963	-25.28	-14.683	PASS
IEEE 802.11n_20	1			2398.92	-47.544	-24.97	-22.575	PASS
			2400.00	-48.220	-24.97	-23.250	PASS	
			24418.8	-39.150	-24.97	-14.180	PASS	
	6		24962.5	-39.559	-25.16	-14.399	PASS	
			11	2483.50	-52.790	-25.16	-27.630	PASS
				24993.1	-38.658	-25.16	-13.498	PASS
IEEE 802.11n_40	3			2397.62	-48.068	-27.84	-20.228	PASS
			2400.00	-50.450	-27.84	-22.610	PASS	
			24977.5	-40.139	-27.84	-12.299	PASS	
	6		24992.5	-39.316	-27.88	-11.436	PASS	
			9	2483.50	-52.130	-27.83	-24.300	PASS
				24980.0	-39.298	-27.83	-11.468	PASS

Test Graphs

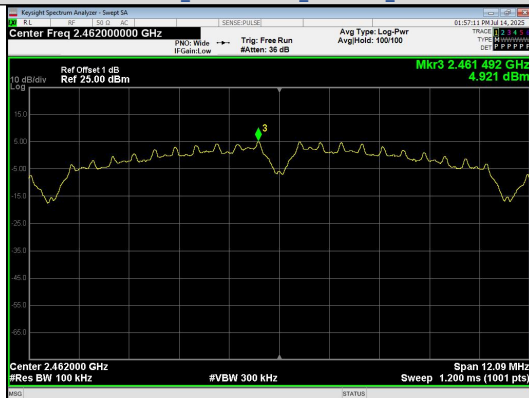




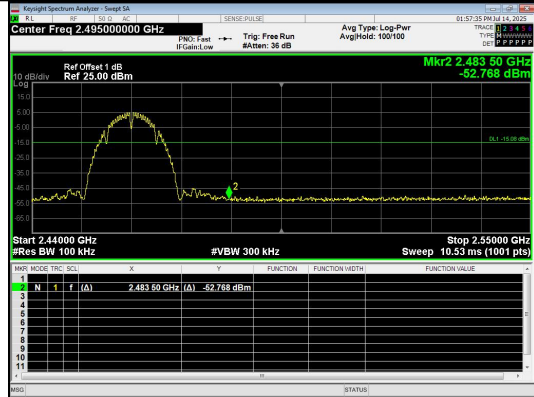
30.0 MHz - 25000.0 MHz IEEE 802.11b_Channel 1_20MHz_Antenna 0



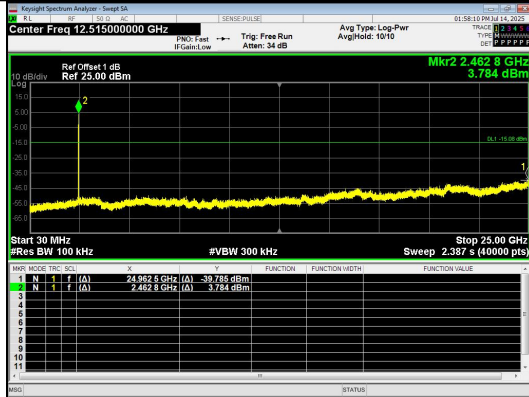
In-Band Reference Level IEEE 802.11b_Channel 6_20MHz_Antenna 0



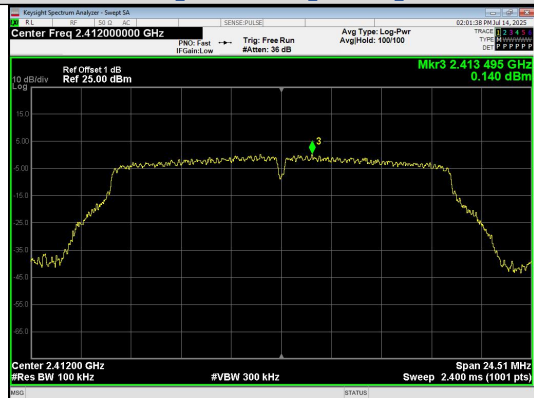
30.0 MHz - 25000.0 MHz IEEE 802.11b_Channel 6_20MHz_Antenna 0



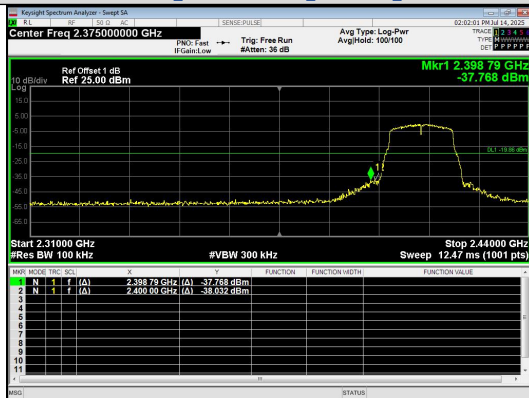
In-Band Reference Level IEEE 802.11b_Channel 11_20MHz_Antenna 0



Out Of Band Emission IEEE 802.11b_Channel 11_20MHz_Antenna 0

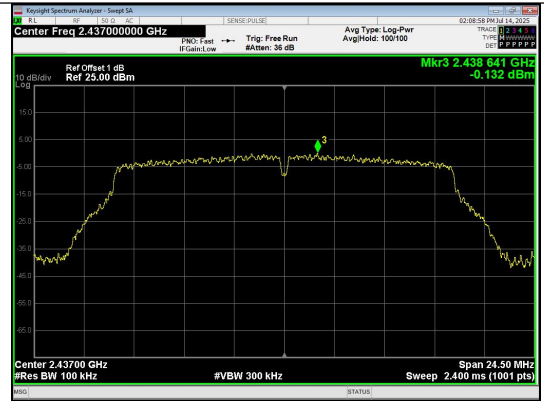
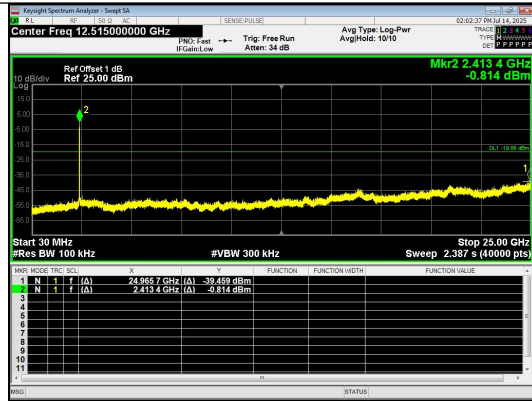


30.0 MHz - 25000.0 MHz IEEE 802.11b_Channel 11_20MHz_Antenna 0

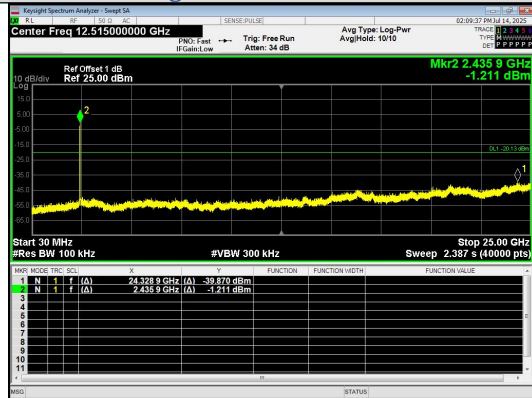


In-Band Reference Level IEEE 802.11g_Channel 1_20MHz_Antenna 0

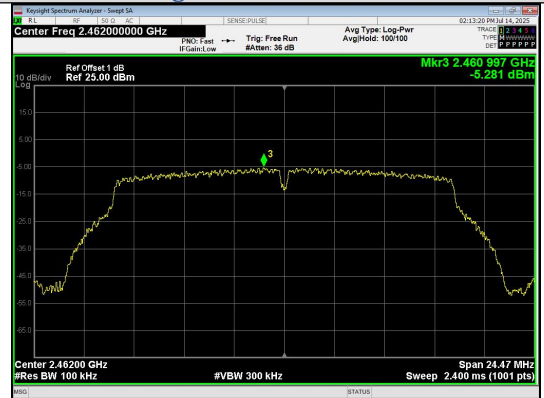
Out Of Band Emission IEEE 802.11g_Channel 1_20MHz_Antenna 0



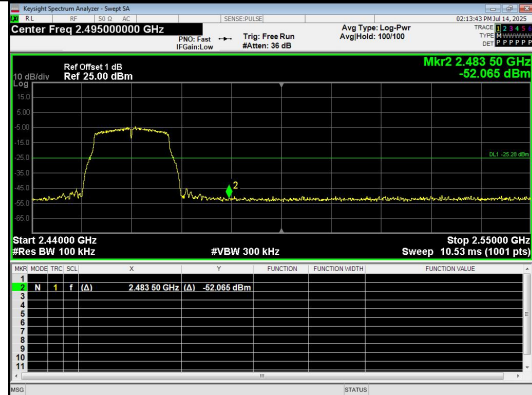
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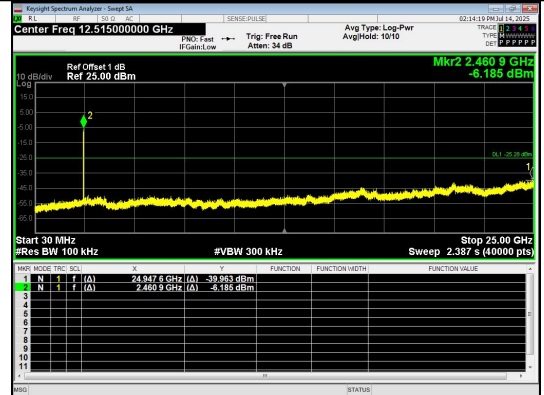
In-Band Reference Level IEEE 802.11g_Channel 6_20MHz_Antenna 0



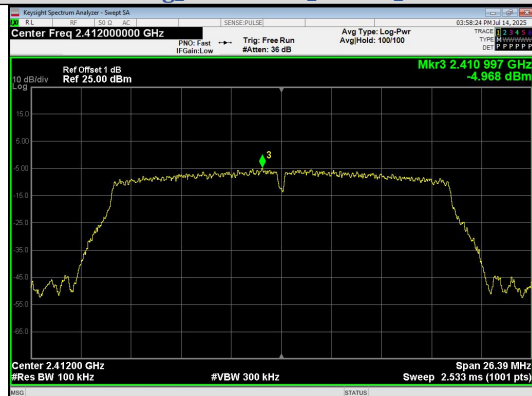
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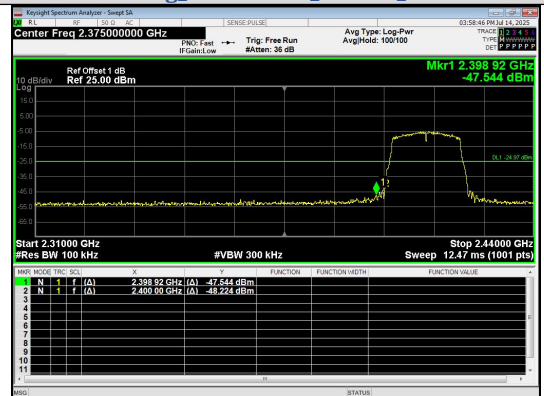
In-Band Reference Level IEEE 802.11g_Channel 11_20MHz_Antenna 0



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