

Conducted Peak Output Power

Test Result

Conducted peak output power

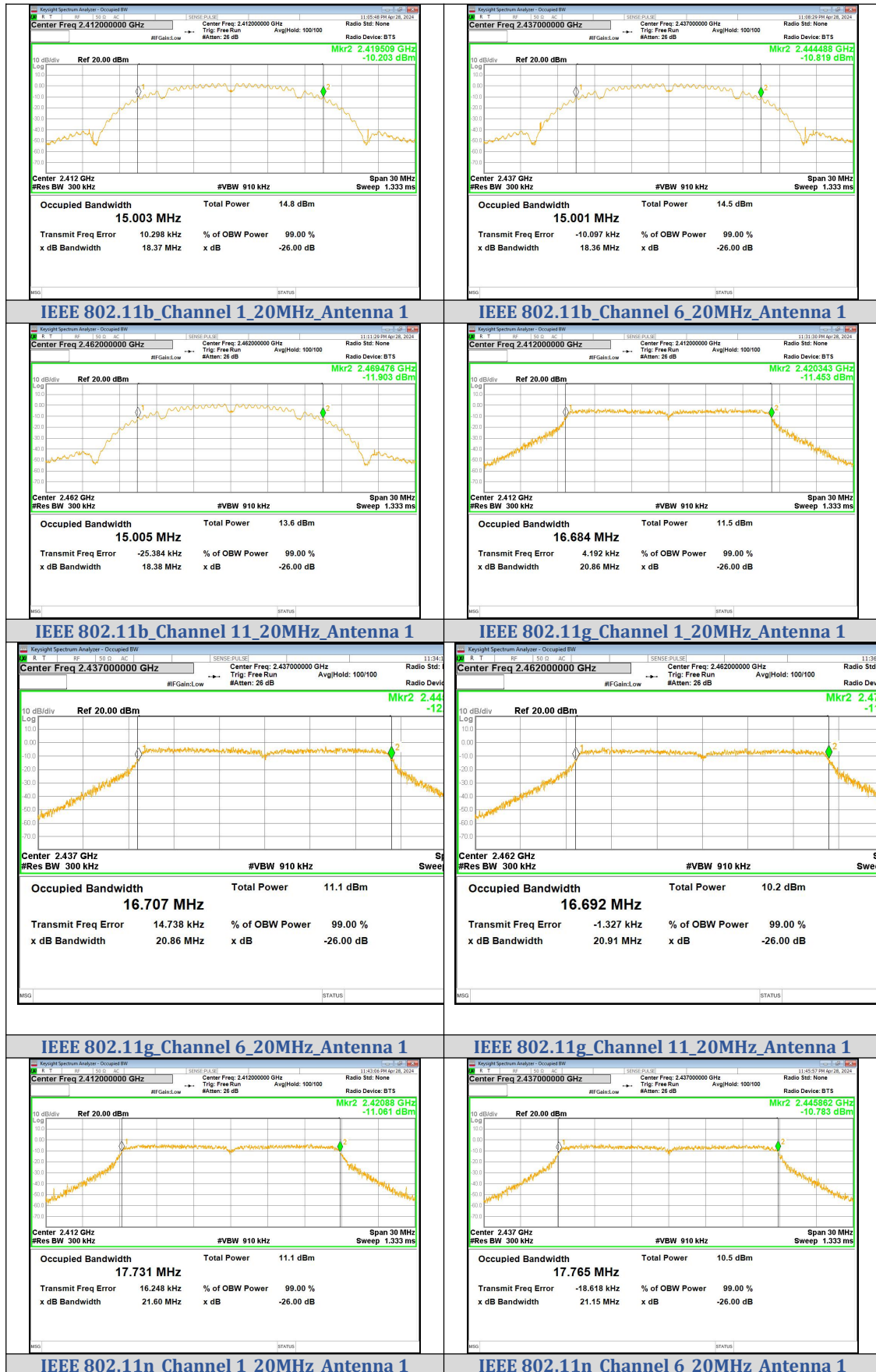
Mode	Channel	Ant. 1 (dBm)	Limit (dBm)	Result
IEEE 802.11b	1	13.75	30	PASS
	6	13.39	30	PASS
	11	12.51	30	PASS
IEEE 802.11g	1	13.03	30	PASS
	6	12.61	30	PASS
	11	11.80	30	PASS
IEEE 802.11n_20	1	12.55	30	PASS
	6	12.06	30	PASS
	11	11.21	30	PASS
IEEE 802.11n_40	3	12.24	30	PASS
	6	11.91	30	PASS
	9	11.88	30	PASS

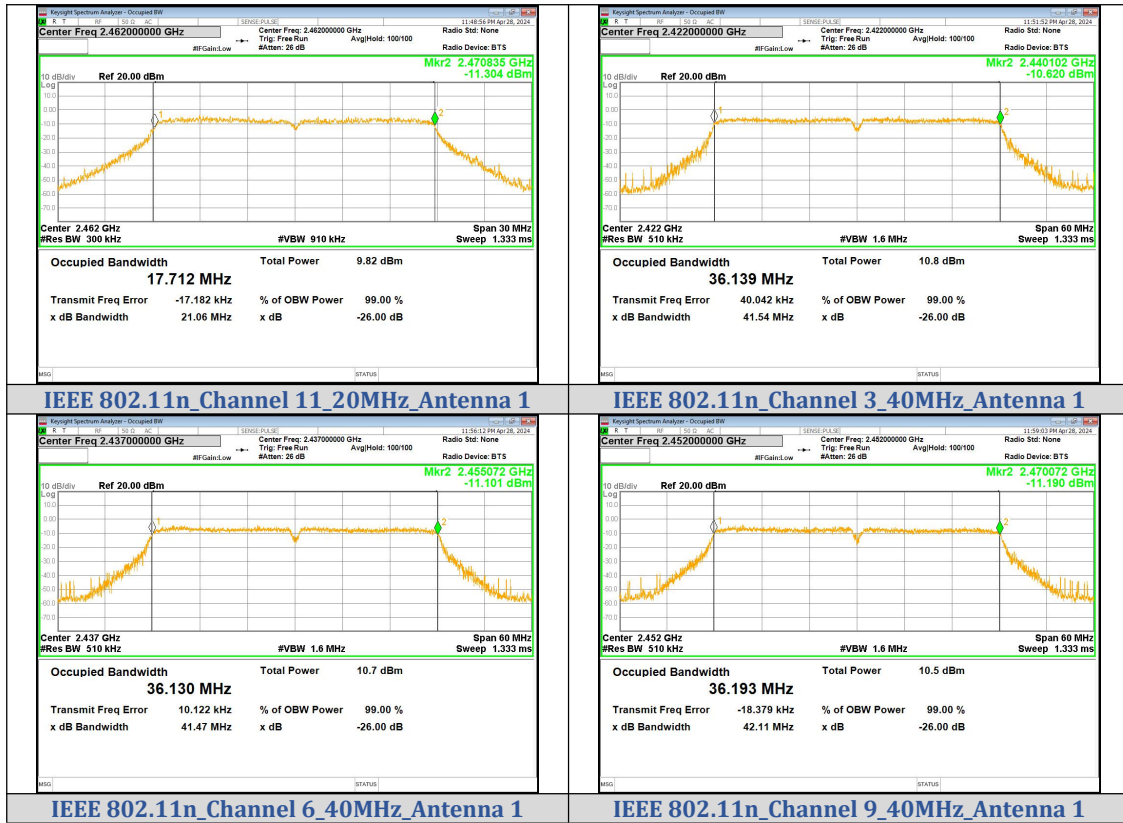
99% Bandwidth

Test Result

Mode	Channel	Ant.	99% BW (MHz)
IEEE 802.11b	1	0	15.003
	6		15.001
	11		15.005
IEEE 802.11g	1		16.684
	6		16.707
	11		16.692
IEEE 802.11n_20	1		17.731
	6		17.765
	11		17.712
IEEE 802.11n_40	3		36.139
	6		36.130
	9		36.193

Test Graphs





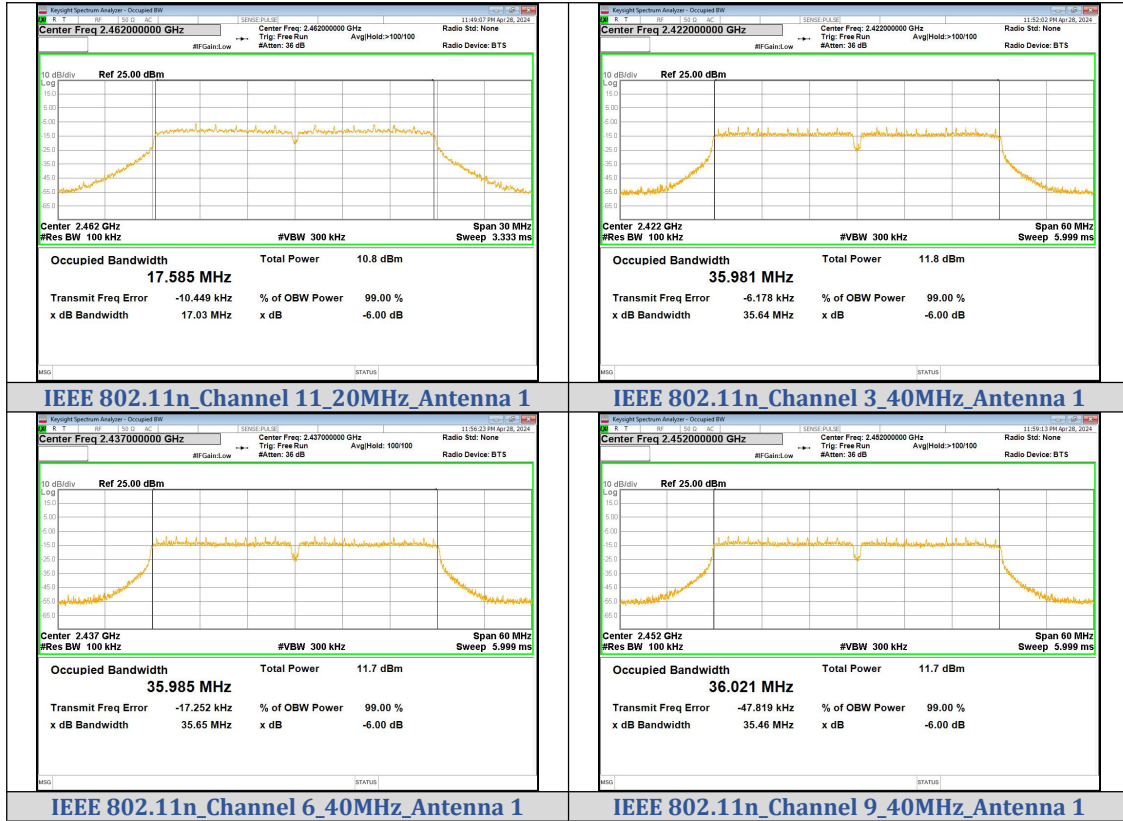
6dB Bandwidth

Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	10.09	0.5	PASS
	6		2437	10.06		PASS
	11		2462	10.08		PASS
IEEE 802.11g	1		2412	16.31		PASS
	6		2437	16.32		PASS
	11		2462	16.30		PASS
IEEE 802.11n_20	1		2412	17.29		PASS
	6		2437	17.08		PASS
	11		2462	17.03		PASS
IEEE 802.11n_40	3		2422	35.64		PASS
	6		2437	35.65		PASS
	9		2452	35.46		PASS

Test Graphs





Conducted Out Of Band Emission

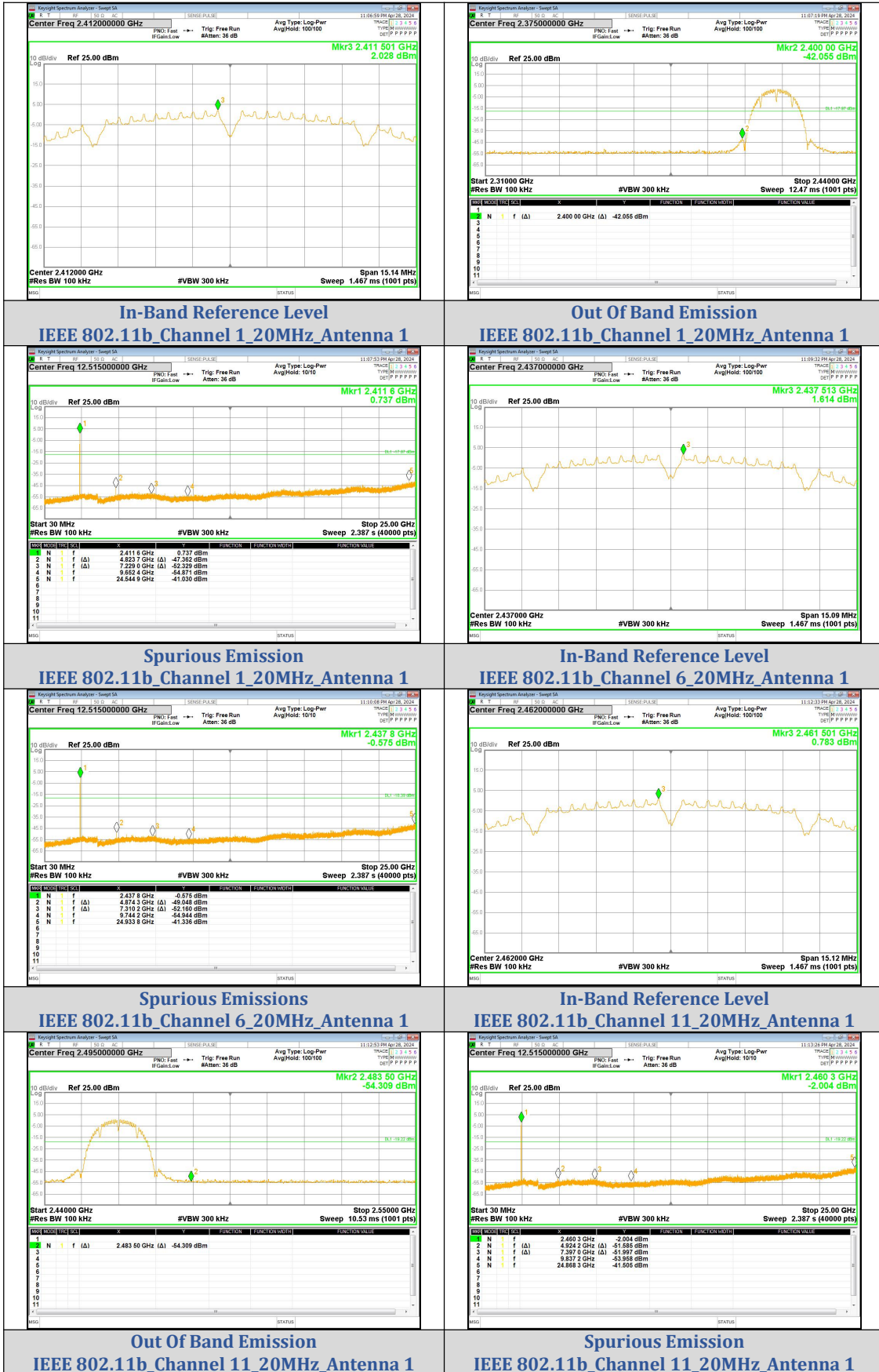
Test Result

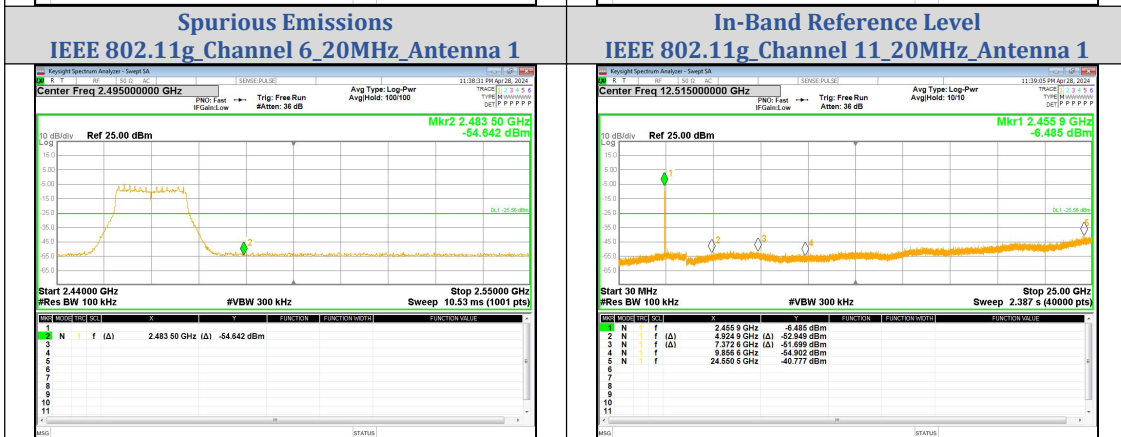
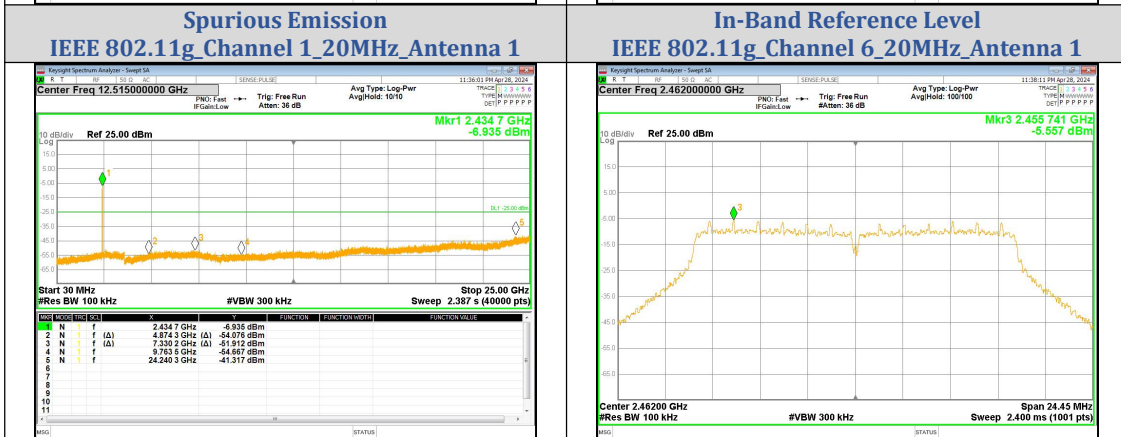
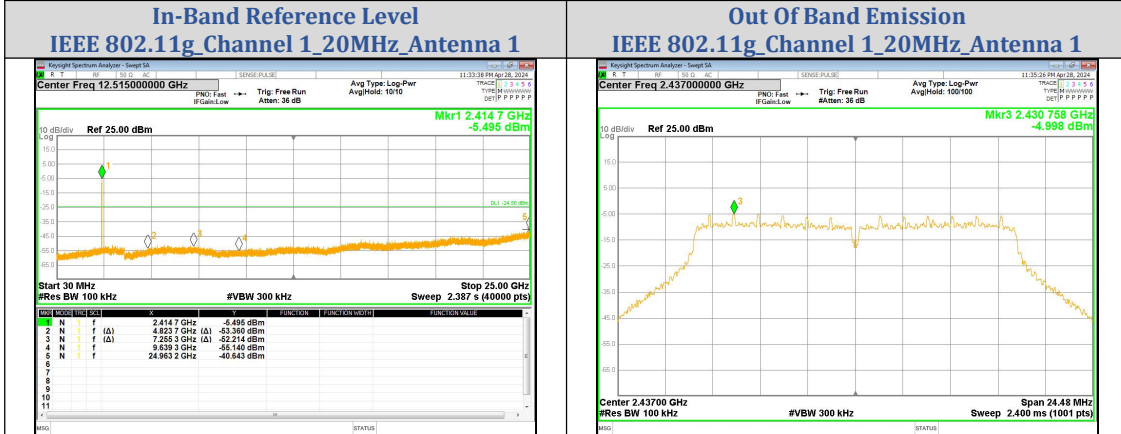
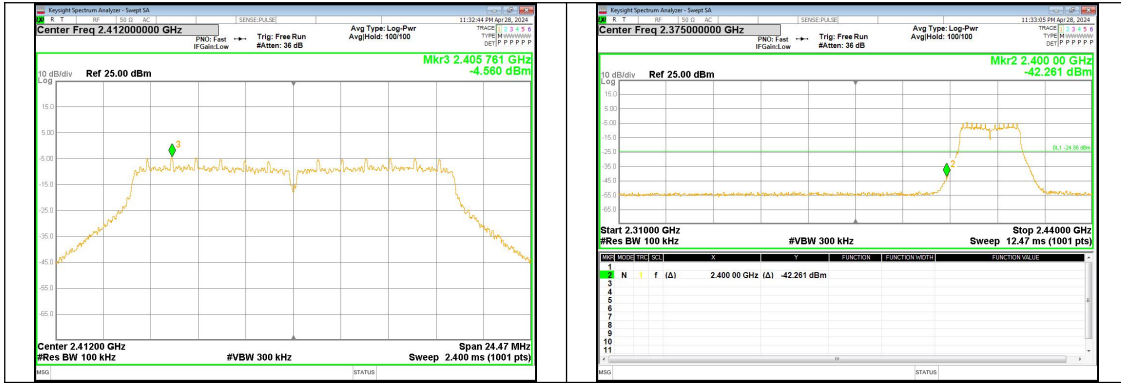
Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2400.00	-42.055	-17.97	-24.085	PASS
			4823.74	-47.361	-17.97	-29.392	PASS
			7229.03	-52.329	-17.97	-34.359	PASS
			9652.43	-54.871	-17.97	-36.901	PASS
			24544.9	-41.030	-17.97	-23.060	PASS
	6		4874.30	-49.048	-18.39	-30.658	PASS
			7310.19	-52.160	-18.39	-33.770	PASS
			9744.20	-54.944	-18.39	-36.554	PASS
	11		24933.8	-41.336	-18.39	-22.946	PASS
			2483.50	-54.309	-19.22	-35.089	PASS
			4924.24	-51.585	-19.22	-32.365	PASS
			7396.96	-51.997	-19.22	-32.777	PASS
IEEE 802.11g	1	2400.00	-42.261	-24.56	-17.701	PASS	
		4823.74	-53.360	-24.56	-28.800	PASS	
		7255.25	-52.214	-24.56	-27.654	PASS	
		9639.32	-55.141	-24.56	-30.581	PASS	
	6	24963.2	-40.643	-24.56	-16.083	PASS	
		4874.30	-54.076	-25.0	-29.076	PASS	
		7330.16	-51.912	-25.0	-26.912	PASS	
	11	9763.55	-54.667	-25.0	-29.667	PASS	
		24240.3	-41.317	-25.0	-16.317	PASS	
		2483.50	-54.642	-25.56	-29.082	PASS	
		4924.87	-52.950	-25.56	-27.390	PASS	
		7372.61	-51.699	-25.56	-26.139	PASS	
IEEE 802.11n_20	1	9856.56	-54.902	-25.56	-29.342	PASS	
		24550.5	-40.777	-25.56	-15.217	PASS	
		2400.00	-42.485	-25.03	-17.455	PASS	
		4823.74	-52.370	-25.03	-27.340	PASS	
		7237.15	-53.160	-25.03	-28.130	PASS	
	6	9628.71	-54.352	-25.03	-29.322	PASS	
		24627.9	-40.772	-25.03	-15.742	PASS	
		4869.31	-54.368	-25.29	-29.078	PASS	
	11	7326.42	-52.114	-25.29	-26.824	PASS	
		9747.32	-54.858	-25.29	-29.568	PASS	
		24541.2	-41.322	-25.29	-16.032	PASS	
		2483.50	-55.065	-26.35	-28.715	PASS	
IEEE 802.11n_40	3	4931.73	-54.254	-26.35	-27.904	PASS	
		7398.83	-51.538	-26.35	-25.188	PASS	
		9843.46	-54.302	-26.35	-27.952	PASS	
	6	24896.4	-41.226	-26.35	-14.876	PASS	
		2400.00	-45.456	-28.28	-17.176	PASS	
		4854.32	-53.684	-28.28	-25.404	PASS	
	9	7233.40	-52.478	-28.28	-24.198	PASS	
		9706.12	-54.455	-28.28	-26.175	PASS	
		24979.4	-41.255	-28.28	-12.975	PASS	
IEEE 802.11n_40	6	4899.90	-53.233	-28.6	-24.633	PASS	
		7345.14	-52.229	-28.6	-23.629	PASS	
		9751.69	-54.600	-28.6	-26.000	PASS	
	9	24903.2	-41.532	-28.6	-12.932	PASS	
		2483.50	-53.346	-28.42	-24.926	PASS	
		4879.30	-53.786	-28.42	-25.366	PASS	



			7318.93	-52.078	-28.42	-23.658	PASS
			9811.62	-54.467	-28.42	-26.047	PASS
			24903.2	-41.121	-28.42	-12.701	PASS

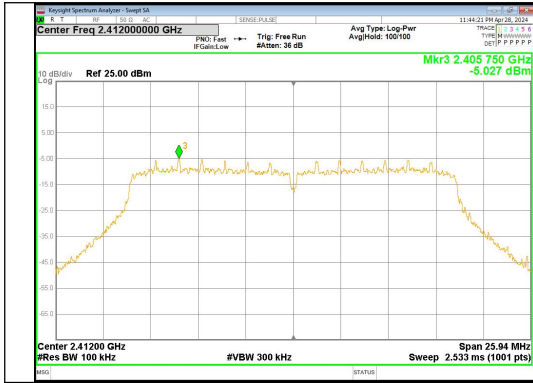
Test Graphs





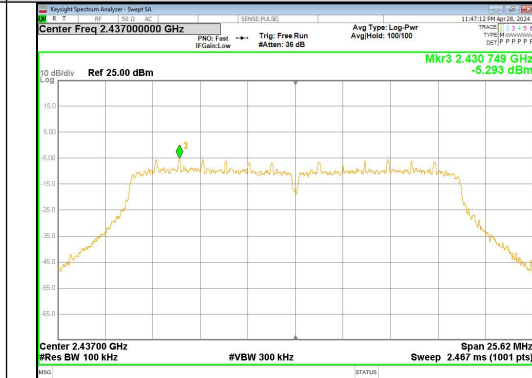
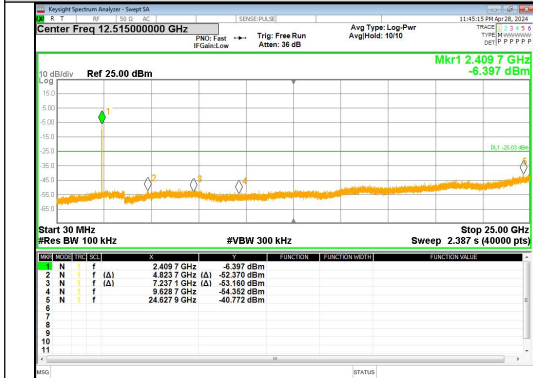
Out Of Band Emission
IEEE 802.11g Channel 11_20MHz_Antenna 1

Spurious Emission
IEEE 802.11g Channel 11_20MHz_Antenna 1



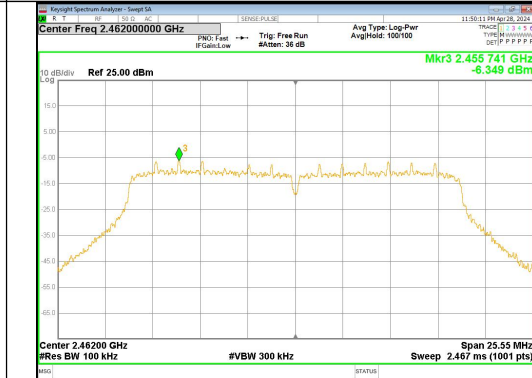
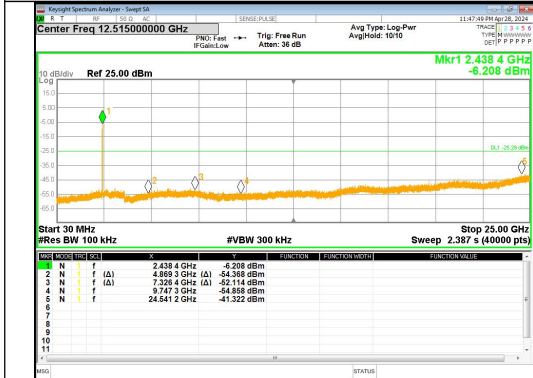
**In-Band Reference Level
IEEE 802.11n Channel 1_20MHz_Antenna 1**

**Out Of Band Emission
IEEE 802.11n Channel 1_20MHz_Antenna 1**



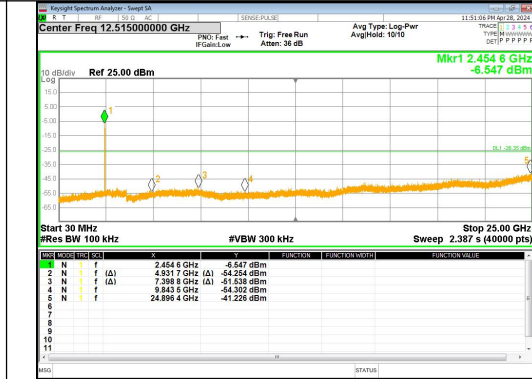
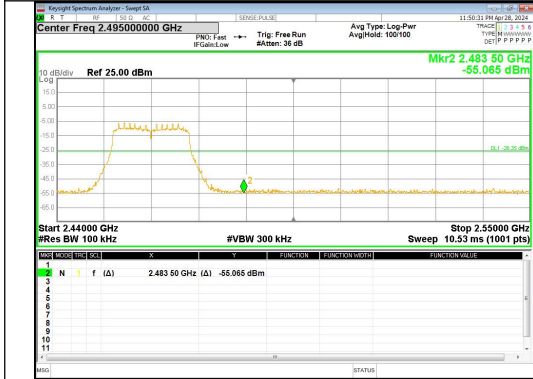
**Spurious Emission
IEEE 802.11n Channel 1_20MHz_Antenna 1**

**In-Band Reference Level
IEEE 802.11n Channel 6_20MHz_Antenna 1**



**Spurious Emissions
IEEE 802.11n Channel 6_20MHz_Antenna 1**

**In-Band Reference Level
IEEE 802.11n Channel 11_20MHz_Antenna 1**



**Out Of Band Emission
IEEE 802.11n Channel 11_20MHz_Antenna 1**

**Spurious Emission
IEEE 802.11n Channel 11_20MHz_Antenna 1**