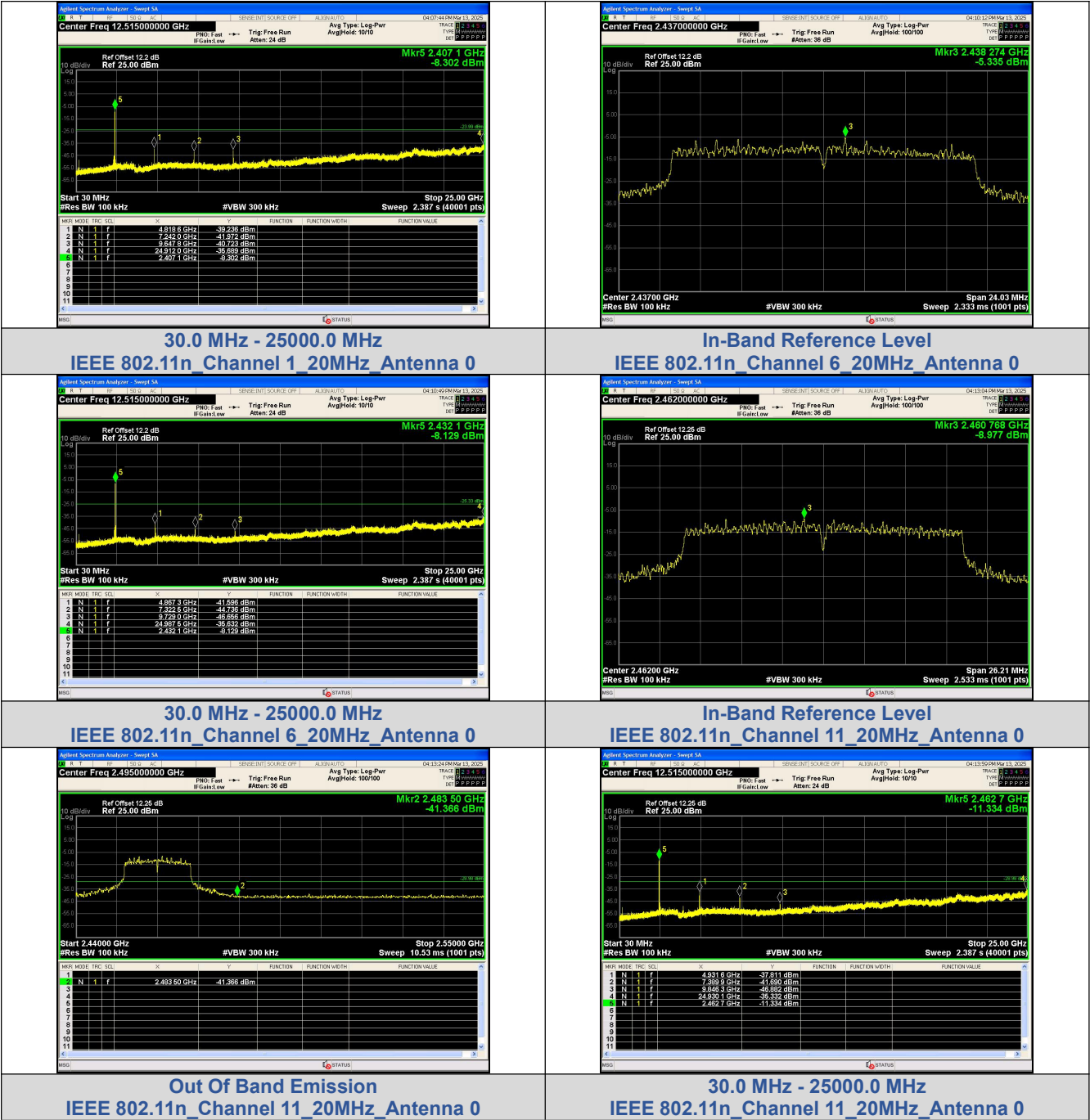
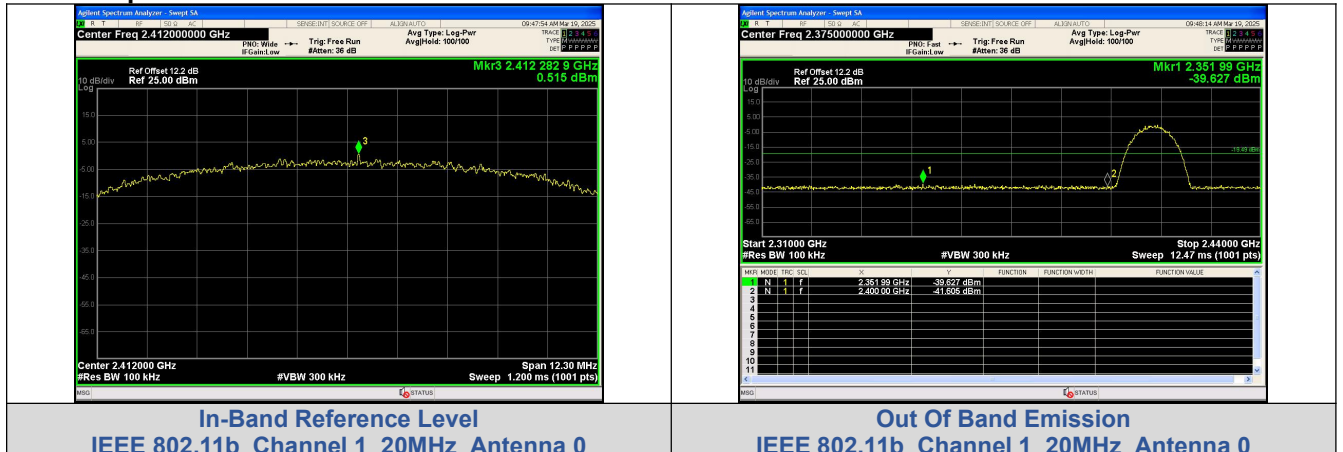
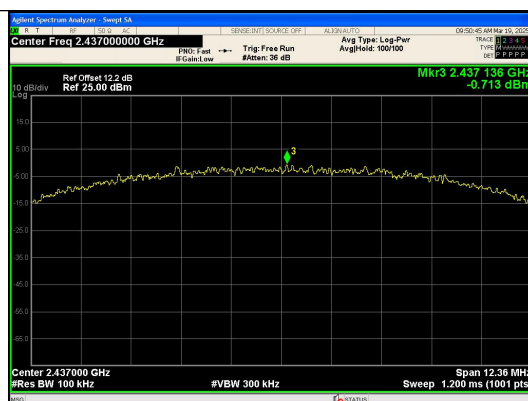




**Antenna B:
Test Result**

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2351.99	-39.627	-19.49	-20.137	PASS
			2400.00	-41.605	-19.49	-22.115	PASS
			4823.60	-50.373	-19.49	-30.884	PASS
			7243.80	-51.414	-19.49	-31.924	PASS
			9636.60	-51.918	-19.49	-32.428	PASS
	6		24958.2	-34.834	-19.49	-15.344	PASS
			4879.80	-51.855	-20.71	-31.145	PASS
			7301.26	-51.717	-20.71	-31.007	PASS
			9743.33	-50.660	-20.71	-29.950	PASS
			24887.0	-36.604	-20.71	-15.894	PASS
	11		2483.50	-41.988	-21.34	-20.648	PASS
			4932.24	-51.907	-21.34	-30.567	PASS
			7378.67	-51.245	-21.34	-29.905	PASS
			9836.97	-51.027	-21.34	-29.687	PASS
			24913.2	-36.008	-21.34	-14.668	PASS
IEEE 802.11g	1		2400.00	-32.178	-23.78	-8.398	PASS
			4811.76	-51.045	-23.78	-27.265	PASS
			7253.20	-51.195	-23.78	-27.415	PASS
			9667.80	-51.110	-23.78	-27.330	PASS
			24950.7	-35.841	-23.78	-12.061	PASS
	6		4882.30	-41.644	-23.7	-17.944	PASS
			7310.00	-51.364	-23.7	-27.664	PASS
			9741.46	-51.774	-23.7	-28.074	PASS
			24902.6	-36.121	-23.7	-12.421	PASS
			2483.50	-41.793	-24.06	-17.733	PASS
	11		4918.50	-52.695	-24.06	-28.635	PASS
			7388.66	-51.717	-24.06	-27.657	PASS
			9848.83	-51.428	-24.06	-27.368	PASS
			24960.7	-35.463	-24.06	-11.403	PASS
			IEEE 802.11n_20	1	2400.00	-33.600	-23.7
4809.26	-52.262				-23.7	-28.562	PASS
7238.84	-49.702				-23.7	-26.002	PASS
9642.83	-51.200				-23.7	-27.500	PASS
24877.0	-35.925				-23.7	-12.225	PASS
6	4855.45			-51.781	-23.13	-28.651	PASS
	7302.51			-51.666	-23.13	-28.536	PASS
	9743.33			-49.904	-23.13	-26.774	PASS
	24949.4			-35.615	-23.13	-12.485	PASS
	2483.50			-42.729	-24.49	-18.239	PASS
11	4922.25			-51.642	-24.49	-27.152	PASS
	7383.66			-50.868	-24.49	-26.378	PASS
	9830.73			-51.658	-24.49	-27.168	PASS
	24932.0			-35.160	-24.49	-10.670	PASS

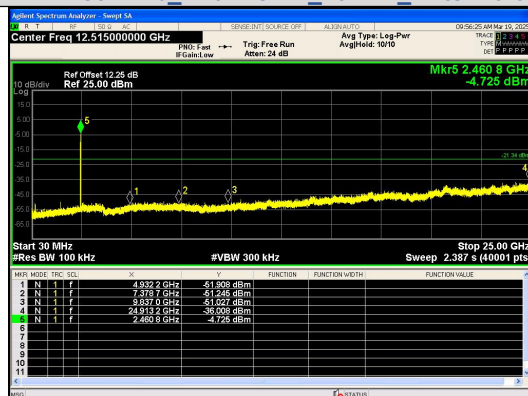
Test Graphs




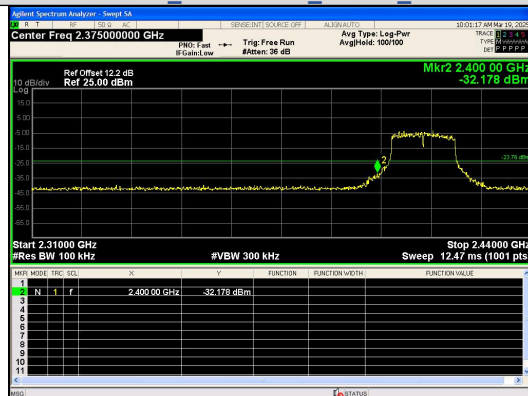
In-Band Reference Level
IEEE 802.11b Channel 6 20MHz Antenna 0



In-Band Reference Level
IEEE 802.11b Channel 11 20MHz Antenna 0

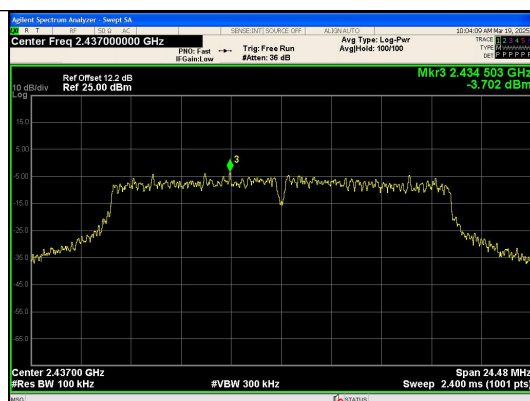


30.0 MHz - 25000.0 MHz
IEEE 802.11b Channel 11 20MHz Antenna 0

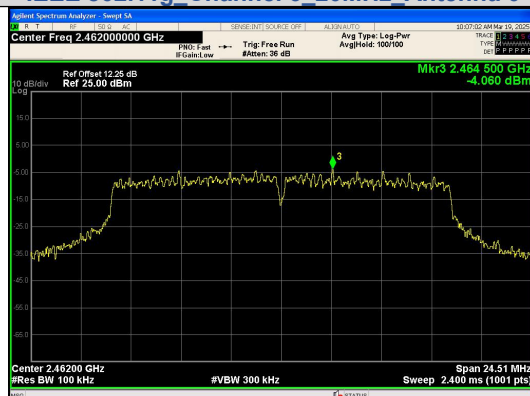


Out Of Band Emission

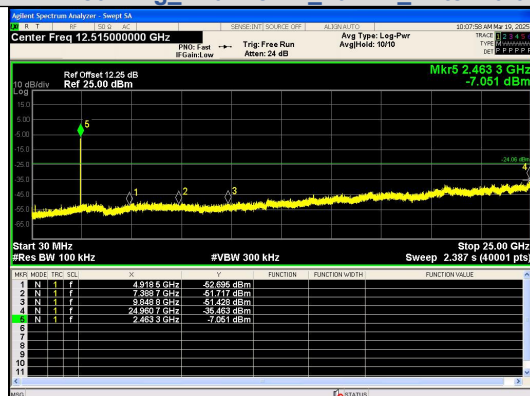
IEEE 802.11q Channel 1 20MHz Antenna 0



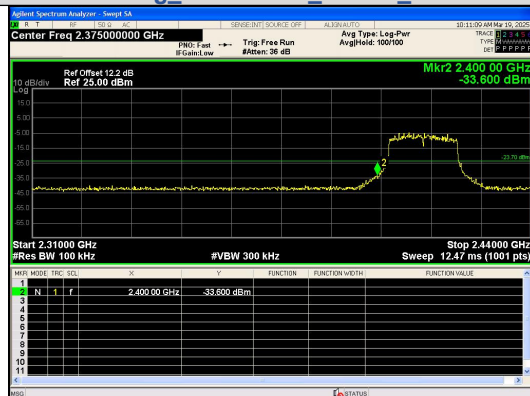
In-Band Reference Level
IEEE 802.11g Channel 6 20MHz Antenna 0



In-Band Reference Level
IEEE 802.11g_Channel 11_20MHz_Antenna 0

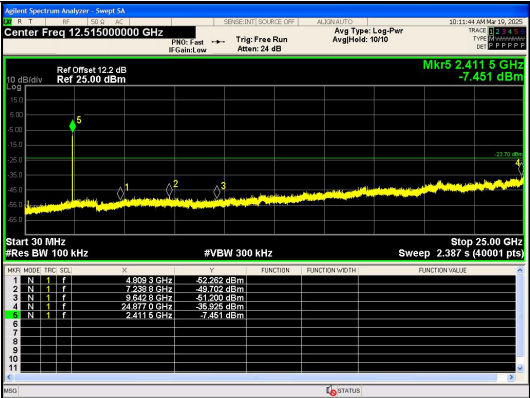


30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 11_20MHz Antenna 0

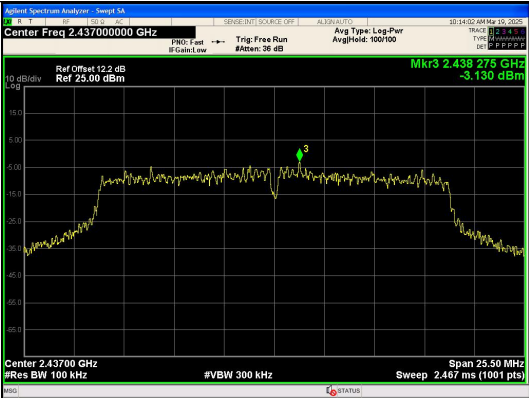


Out Of Band Emission

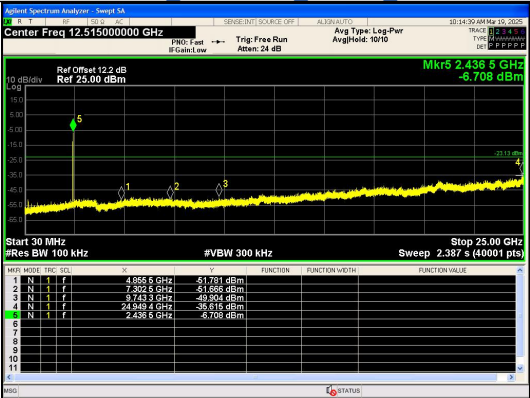
IEEE 802.11n Channel 1 20MHz Antenna 0



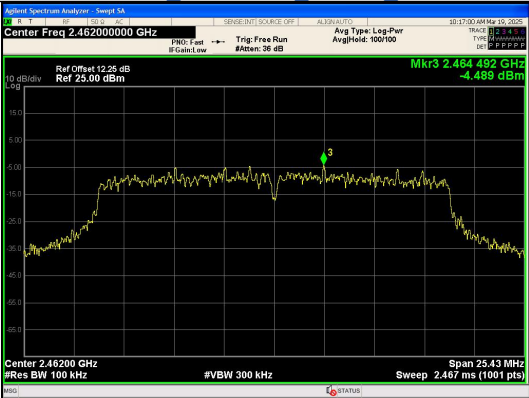
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 1 20MHz Antenna 0



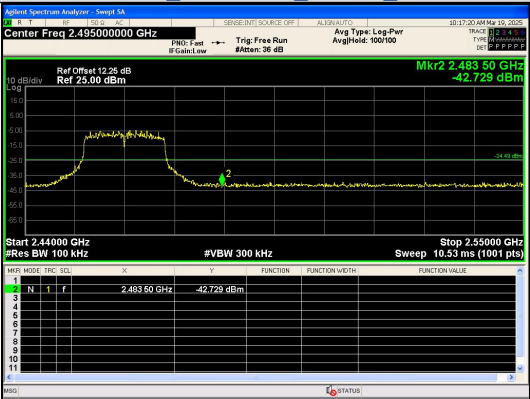
In-Band Reference Level
IEEE 802.11n Channel 6 20MHz Antenna 0



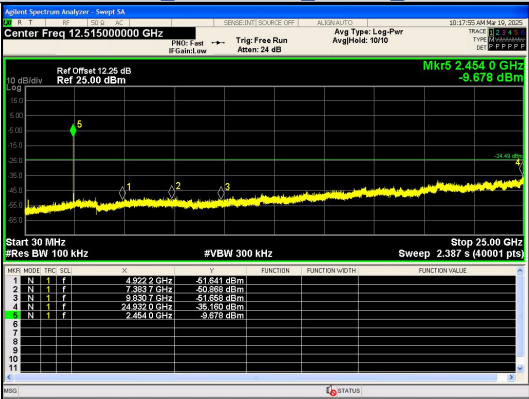
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 6 20MHz Antenna 0



In-Band Reference Level
IEEE 802.11n Channel 11 20MHz Antenna 0



Out Of Band Emission
IEEE 802.11n Channel 11 20MHz Antenna 0

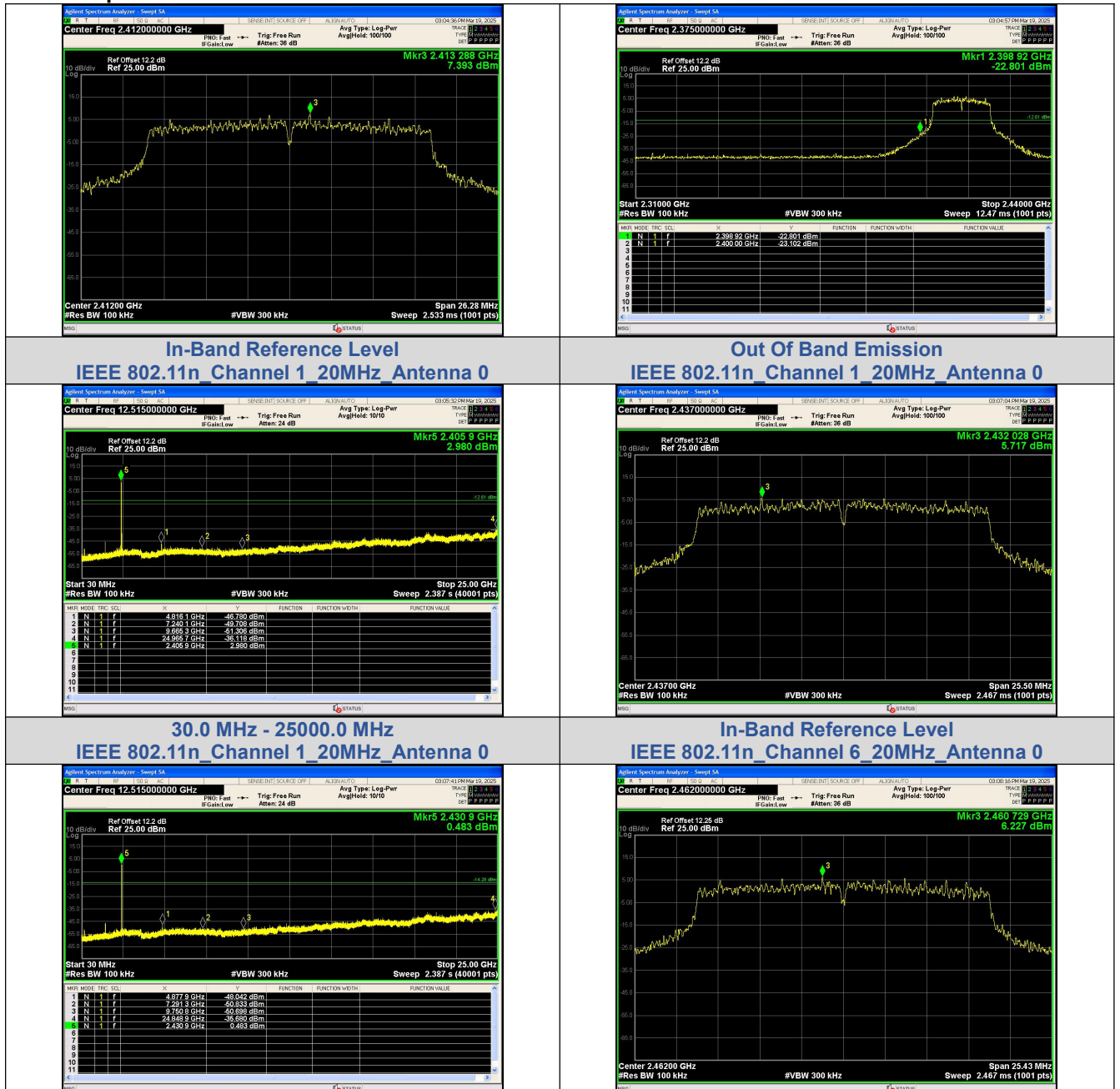


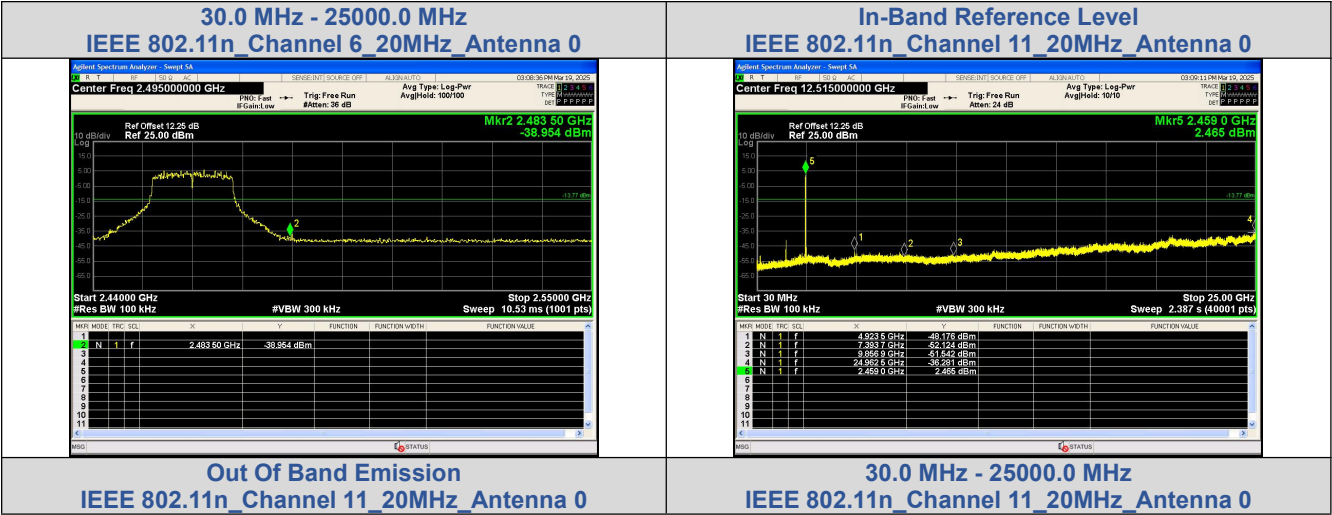
30.0 MHz - 25000.0 MHz
IEEE 802.11n Channel 11 20MHz Antenna 0

Antenna A+B: Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11n_20	1	0	2398.92	-22.801	-12.61	-10.191	PASS
			2400.00	-23.102	-12.61	-10.492	PASS
			4816.10	-46.780	-12.61	-34.170	PASS
			7240.10	-49.708	-12.61	-37.098	PASS
			9665.30	-51.306	-12.61	-38.696	PASS
	6		24965.7	-36.118	-12.61	-23.508	PASS
			4877.93	-48.041	-14.28	-33.761	PASS
			7291.28	-50.833	-14.28	-36.553	PASS
			9750.82	-50.698	-14.28	-36.418	PASS
			24848.9	-35.680	-14.28	-21.400	PASS
	11		2483.50	-38.954	-13.77	-25.184	PASS
			4923.50	-48.176	-13.77	-34.406	PASS
			7393.65	-52.124	-13.77	-38.354	PASS
			9856.94	-51.542	-13.77	-37.772	PASS
			24962.5	-36.281	-13.77	-22.511	PASS

Test Graphs





APPENDIX V. Duty Cycle

Antenna A:
Test Result

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11b	11	1	1	3.008	15.494	19.42	0.1942	7.1175
		6		3.006	13.021	23.09	0.2309	6.3658
		11		3.008	13.024	23.10	0.2310	6.3639
IEEE 802.11g	54	1		0.635	10.645	5.97	0.0597	12.2403
		6		0.640	10.650	6.01	0.0601	12.2113
		11		0.635	10.650	5.96	0.0596	12.2475
IEEE 802.11n_20	MCS 7	1		0.550	10.565	5.21	0.0521	12.8316
		6		0.555	10.560	5.26	0.0526	12.7901
		11		0.555	10.560	5.26	0.0526	12.7901

Test Graphs

