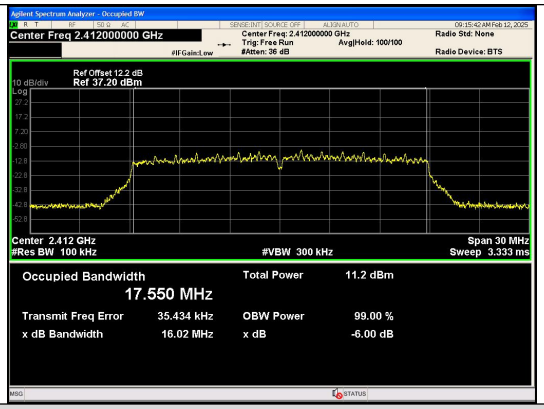
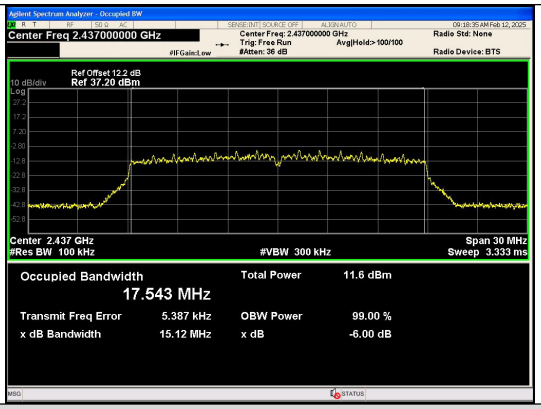
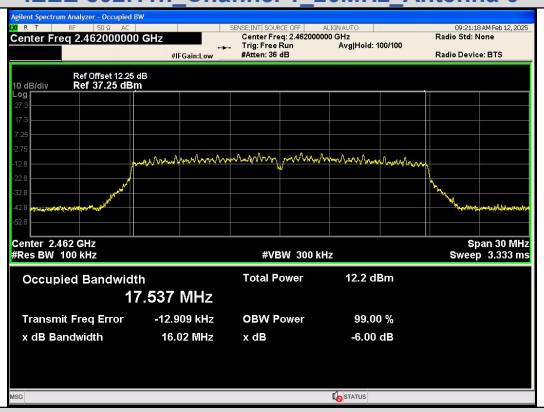


IEEE 802.11n_Channel 1_20MHz_Antenna 0



IEEE 802.11n_Channel 6_20MHz_Antenna 0



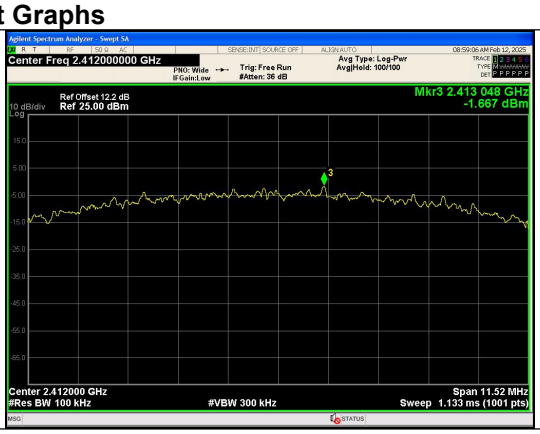
IEEE 802.11n_Channel 11_20MHz_Antenna 0

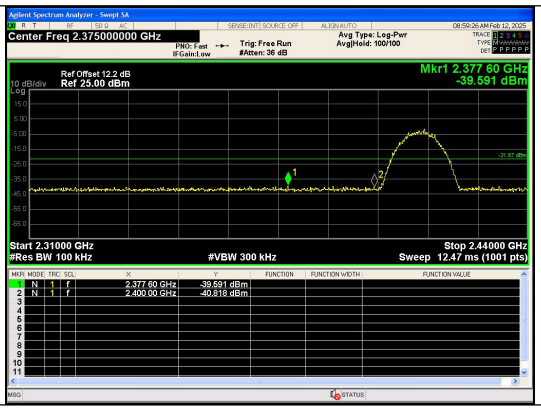
APPENDIX IV. Conducted Out Of Band Emission

Test Result

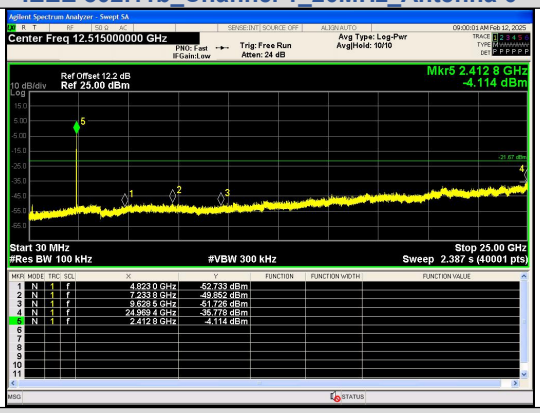
Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2377.60	-39.591	-21.67	-17.921	PASS
			2400.00	-40.818	-21.67	-19.148	PASS
			4823.00	-52.733	-21.67	-31.063	PASS
			7233.80	-49.852	-21.67	-28.182	PASS
			9628.50	-51.726	-21.67	-30.056	PASS
			24969.4	-35.778	-21.67	-14.108	PASS
	6		4868.56	-52.070	-22.23	-29.840	PASS
			7315.62	-51.465	-22.23	-29.235	PASS
			9737.71	-50.594	-22.23	-28.364	PASS
			24880.8	-35.743	-22.23	-13.513	PASS
	11		2483.50	-42.351	-21.79	-20.561	PASS
			4919.13	-51.145	-21.79	-29.355	PASS
			7396.77	-52.151	-21.79	-30.361	PASS
			9837.59	-52.087	-21.79	-30.297	PASS
			24995.6	-35.227	-21.79	-13.437	PASS
IEEE 802.11g	1		2398.14	-40.043	-24.2	-15.843	PASS
			2400.00	-40.806	-24.2	-16.606	PASS
			4814.90	-53.396	-24.2	-29.196	PASS
			7226.40	-49.790	-24.2	-25.590	PASS
			9657.20	-51.238	-24.2	-27.038	PASS
			24938.2	-36.336	-24.2	-12.136	PASS
	6		4878.55	-52.618	-24.99	-27.628	PASS
			7300.64	-51.450	-24.99	-26.460	PASS
			9738.34	-51.093	-24.99	-26.103	PASS
			24909.5	-35.734	-24.99	-10.744	PASS
	11		2483.50	-41.168	-24.66	-16.508	PASS
			4926.62	-50.808	-24.66	-26.148	PASS
			7392.40	-51.617	-24.66	-26.957	PASS
			9844.46	-51.239	-24.66	-26.579	PASS
			24986.9	-35.837	-24.66	-11.177	PASS
IEEE 802.11n_20	1		2367.59	-38.941	-25.13	-13.811	PASS
			2400.00	-41.279	-25.13	-16.149	PASS
			4833.00	-51.567	-25.13	-26.437	PASS
			7245.10	-50.539	-25.13	-25.409	PASS
			9650.30	-52.347	-25.13	-27.217	PASS
			24977.5	-35.774	-25.13	-10.644	PASS
	6		4867.94	-52.503	-24.59	-27.913	PASS
			7315.62	-51.157	-24.59	-26.567	PASS
			9758.94	-51.849	-24.59	-27.259	PASS
			24948.8	-36.330	-24.59	-11.740	PASS
	11		2483.50	-40.926	-24.45	-16.476	PASS
			4914.13	-51.532	-24.45	-27.082	PASS
			7397.40	-51.291	-24.45	-26.841	PASS
			9865.68	-50.652	-24.45	-26.202	PASS
			24925.1	-35.914	-24.45	-11.464	PASS

Test Graphs



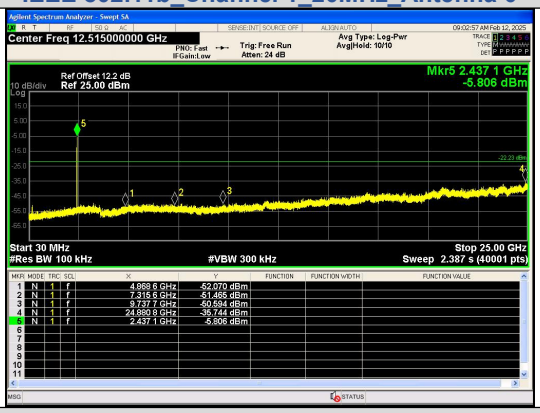


In-Band Reference Level
IEEE 802.11b_Channel 1_20MHz_Antenna 0

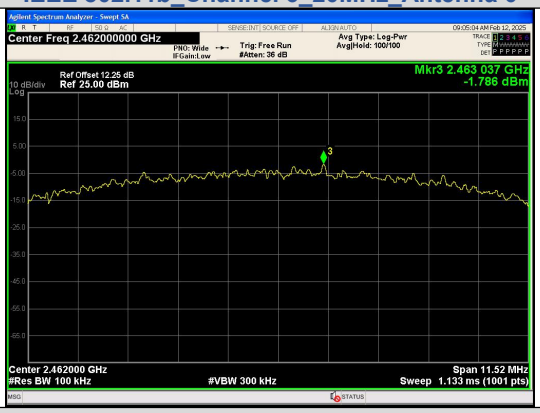


Out Of Band Emission
IEEE 802.11b_Channel 1_20MHz_Antenna 0

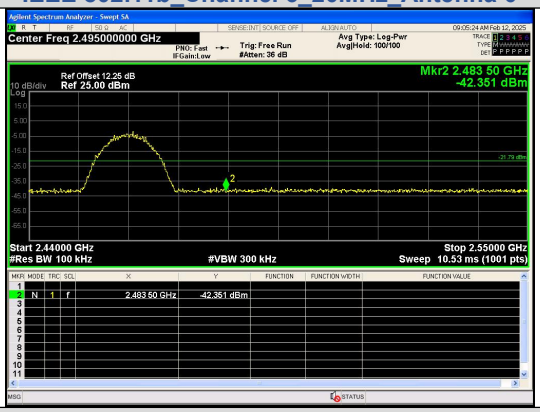
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 1_20MHz_Antenna 0



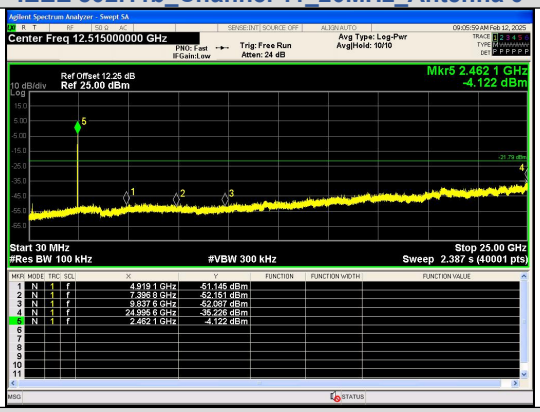
In-Band Reference Level
IEEE 802.11b_Channel 6_20MHz_Antenna 0



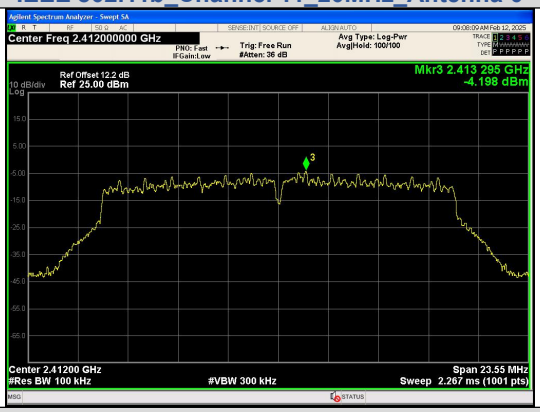
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 6_20MHz_Antenna 0



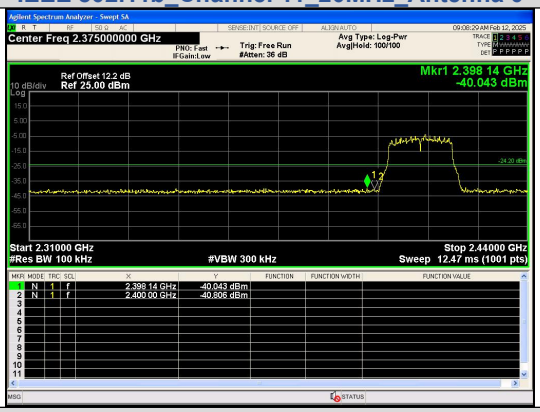
In-Band Reference Level
IEEE 802.11b_Channel 11_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11b_Channel 11_20MHz_Antenna 0

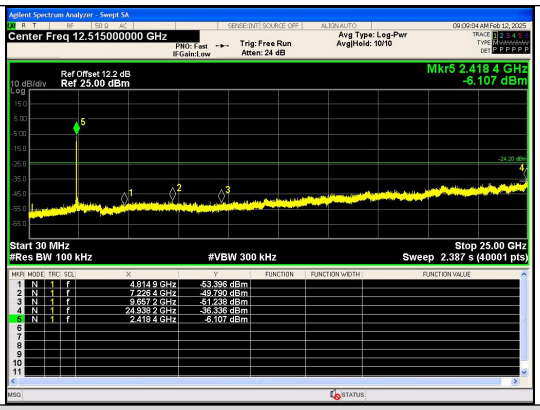


30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 11_20MHz_Antenna 0

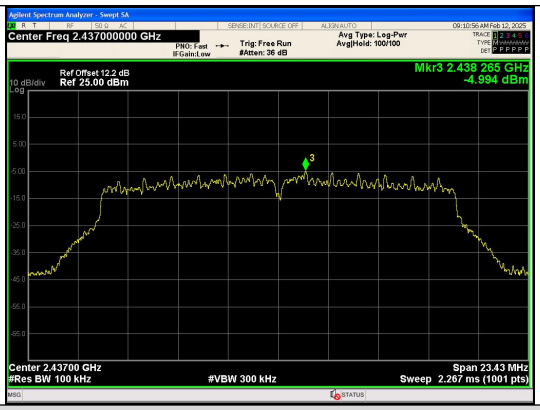


In-Band Reference Level
IEEE 802.11g_Channel 1_20MHz_Antenna 0

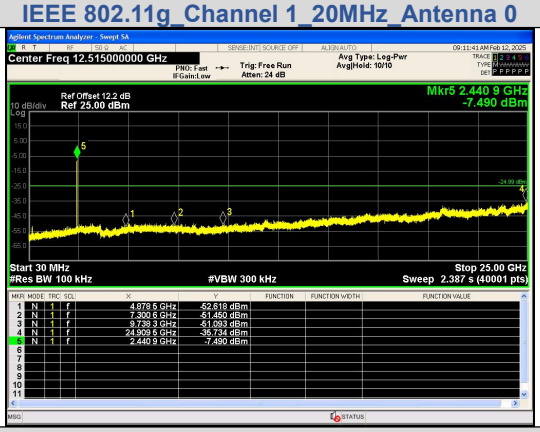
Out Of Band Emission
IEEE 802.11g_Channel 1_20MHz_Antenna 0



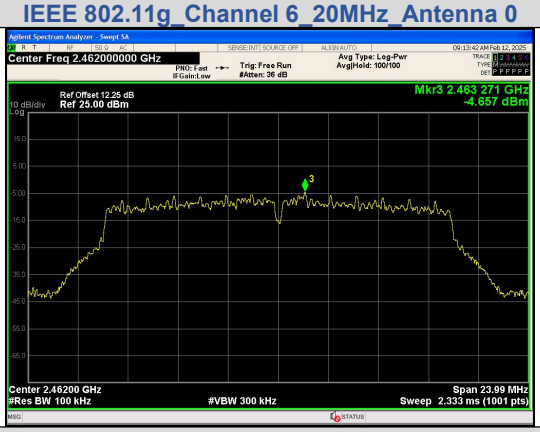
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 1_20MHz_Antenna 0



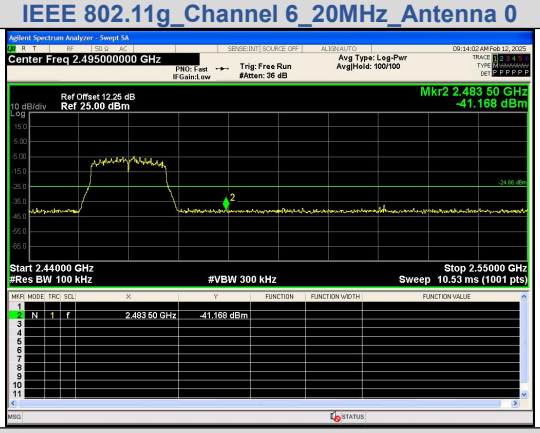
In-Band Reference Level
IEEE 802.11g_Channel 6_20MHz_Antenna 0



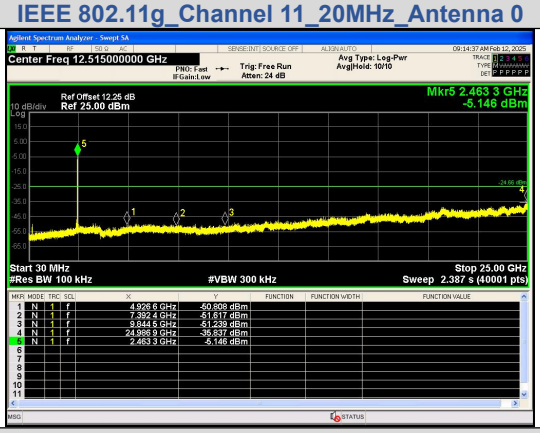
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 6_20MHz_Antenna 0



In-Band Reference Level
IEEE 802.11g_Channel 11_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11g_Channel 11_20MHz_Antenna 0



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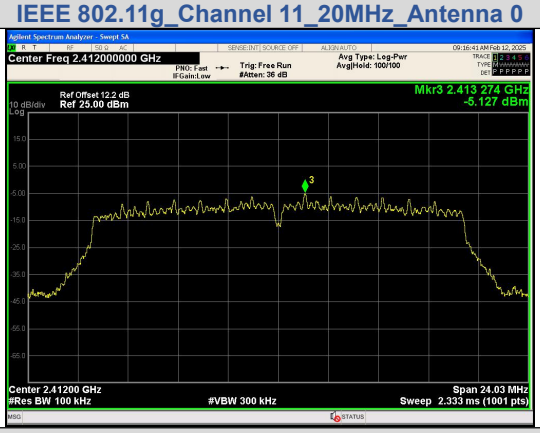
IEEE 802.11g_Channel 11_20MHz_Antenna 0



In-Band Reference Level
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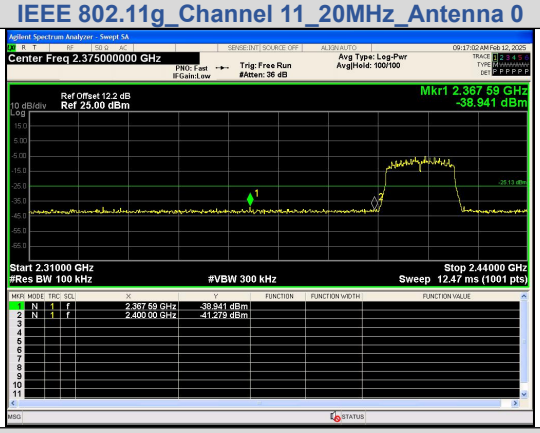
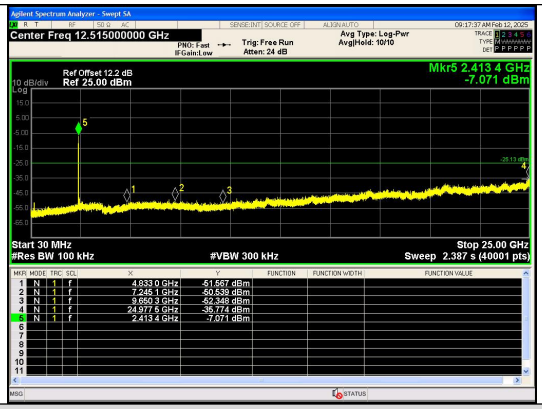
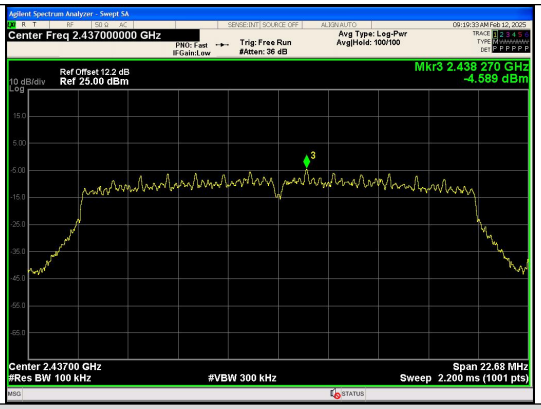


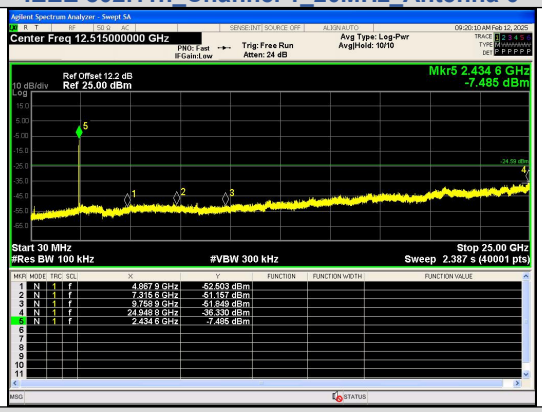
Out Of Band Emission
IEEE 802.11n_Channel 1_20MHz_Antenna 0



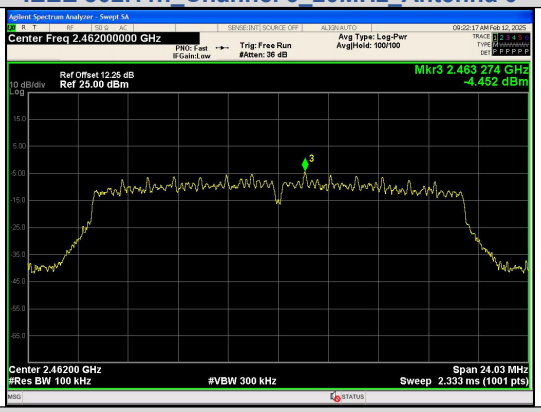
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 1_20MHz_Antenna 0



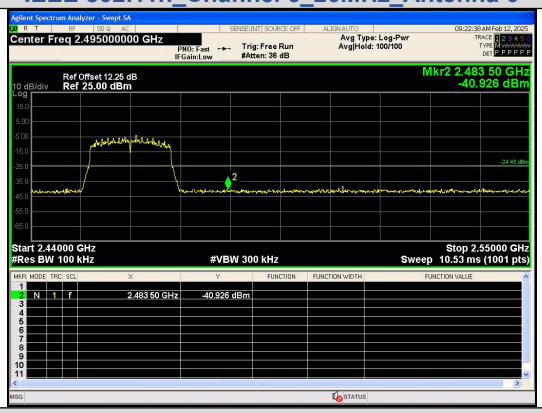
In-Band Reference Level
IEEE 802.11n_Channel 6_20MHz_Antenna 0



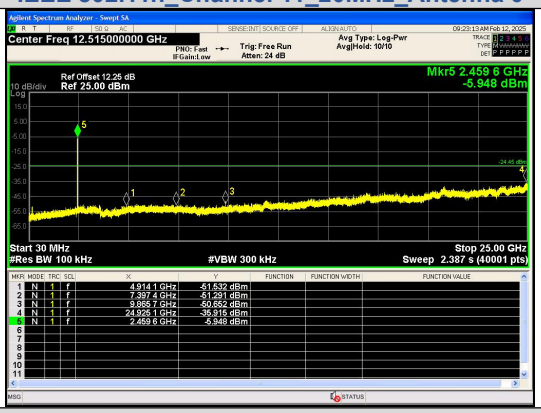
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 6_20MHz_Antenna 0



In-Band Reference Level
IEEE 802.11n_Channel 11_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11n_Channel 11_20MHz_Antenna 0



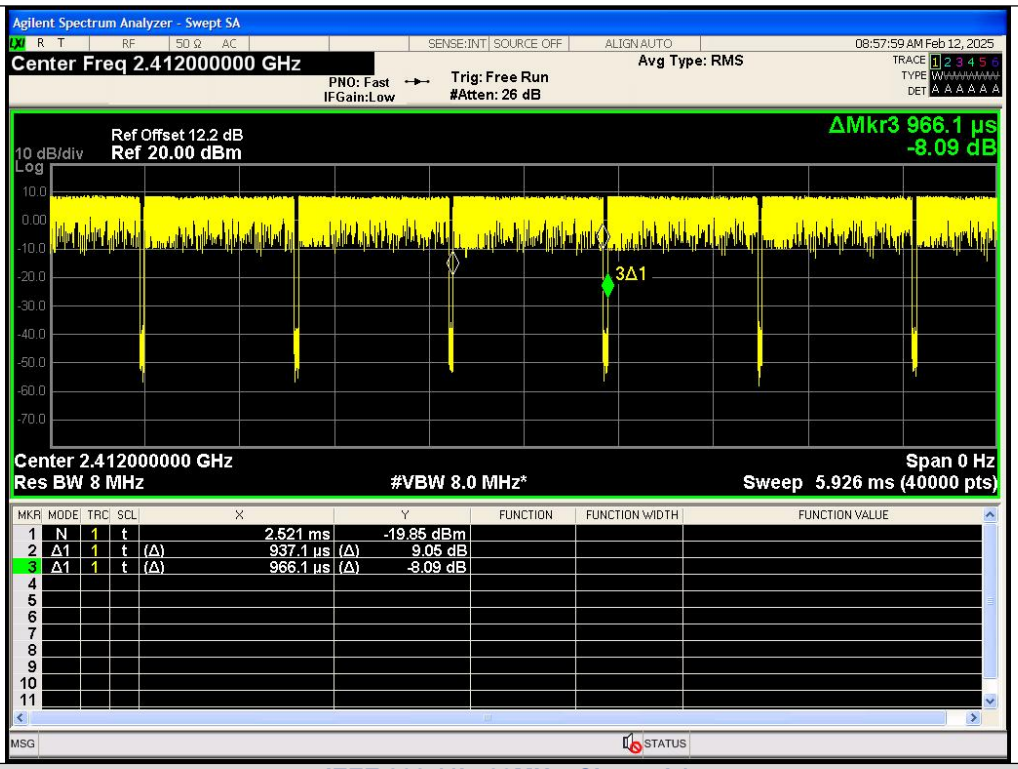
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 11_20MHz_Antenna 0

APPENDIX V. Duty Cycle

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	0.937	0.966	96.99	0.9699	0.1327
		6		0.937	0.966	96.98	0.9698	0.1332
		11		0.937	0.966	96.99	0.9699	0.1327
IEEE 802.11g	54	1		0.177	0.293	60.42	0.6042	2.1882
		6		0.177	0.302	58.73	0.5873	2.3114
		11		0.177	0.311	56.89	0.5689	2.4496
IEEE 802.11n_20	MCS 7	1		0.165	0.299	55.15	0.5515	2.5845
		6		0.165	0.299	55.25	0.5525	2.5767
		11		0.165	0.299	55.15	0.5515	2.5845

Test Graphs



IEEE 802.11b_20MHz_Channel 1