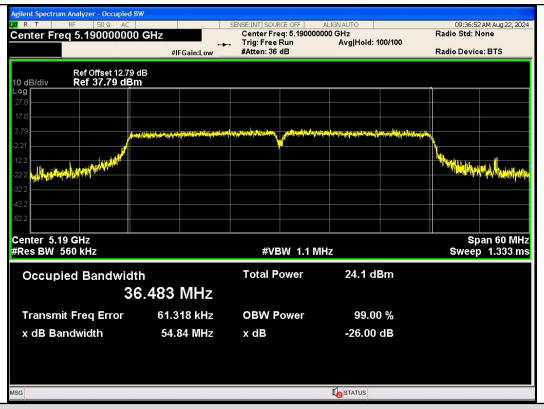
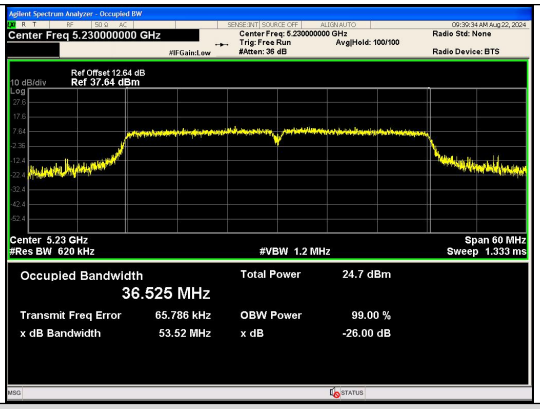
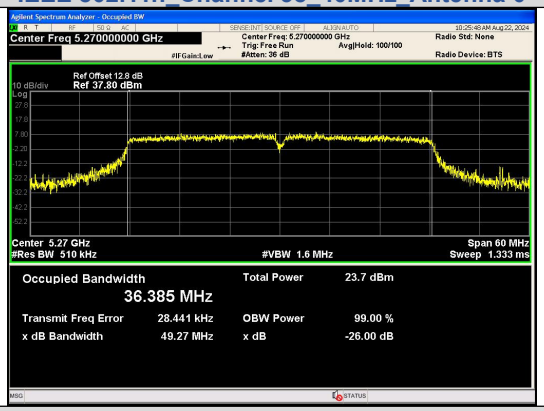


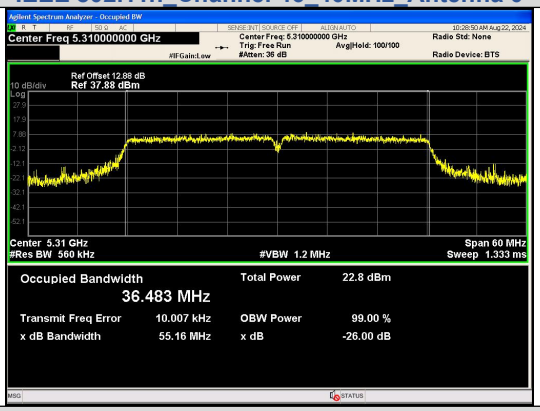
IEEE 802.11n_Channel 38_40MHz_Antenna 0



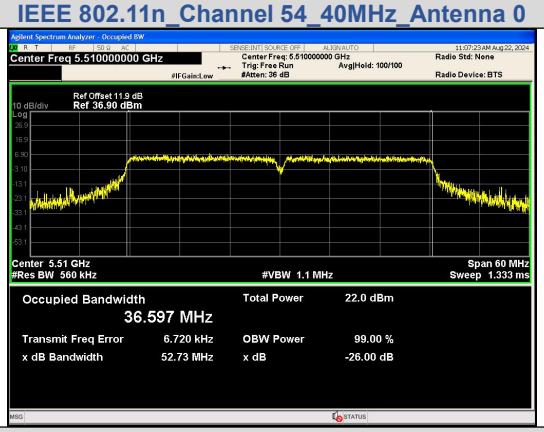
IEEE 802.11n_Channel 46_40MHz_Antenna 0



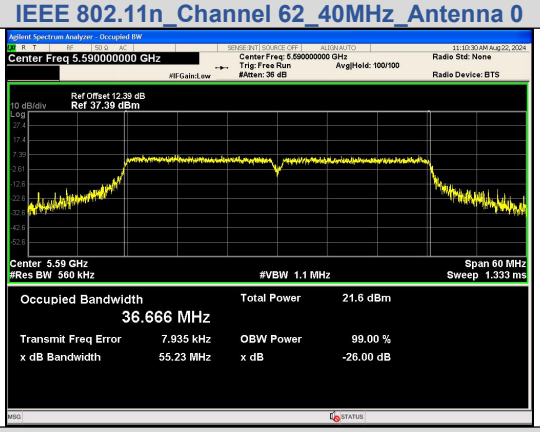
IEEE 802.11n_Channel 54_40MHz_Antenna 0



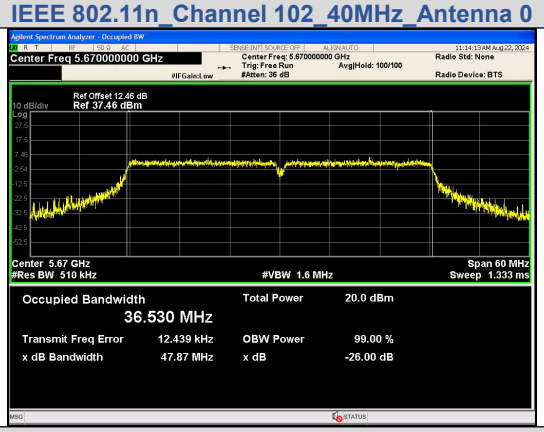
IEEE 802.11n_Channel 62_40MHz_Antenna 0



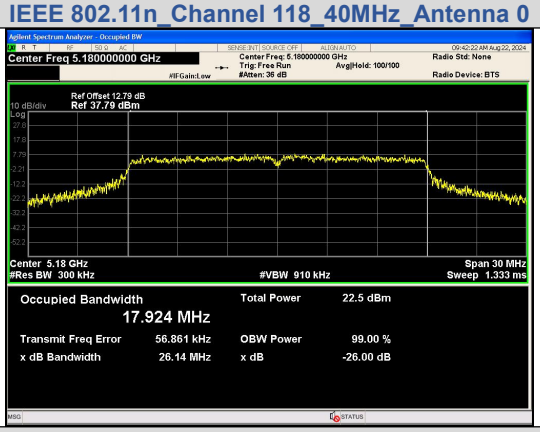
IEEE 802.11n_Channel 102_40MHz_Antenna 0



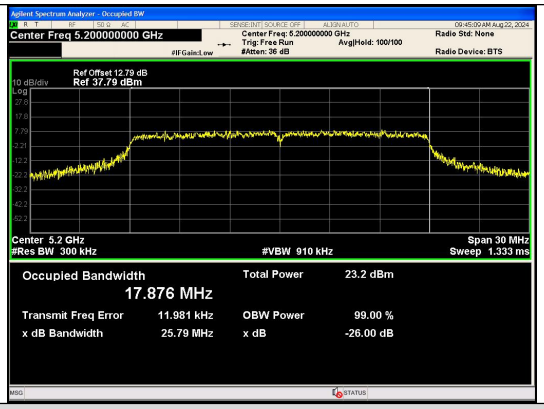
IEEE 802.11n_Channel 118_40MHz_Antenna 0



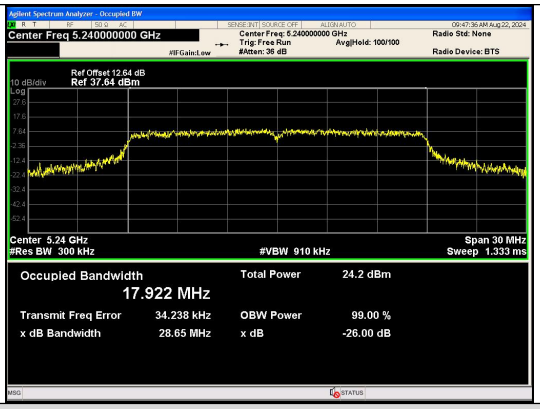
IEEE 802.11n_Channel 134_40MHz_Antenna 0



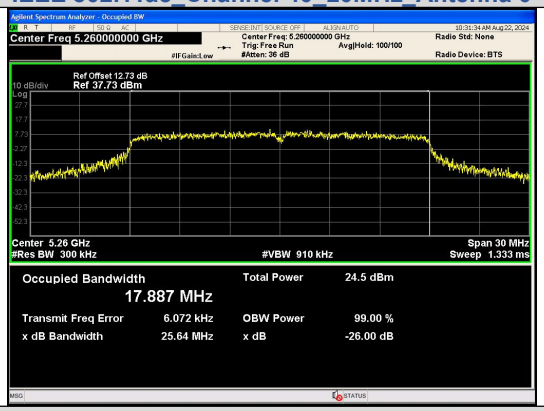
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



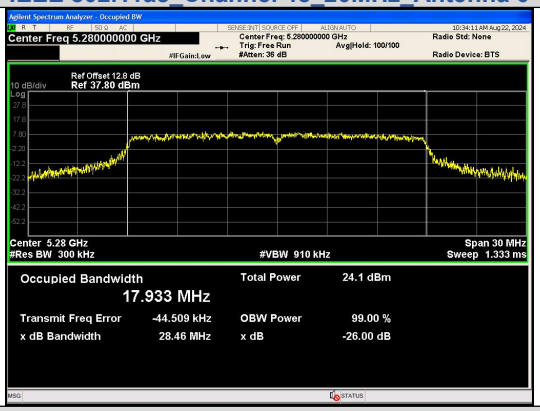
IEEE 802.11ac_Channel 40_20MHz_Antenna 0



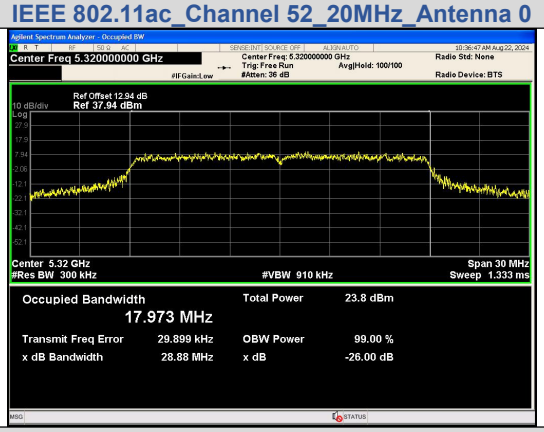
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



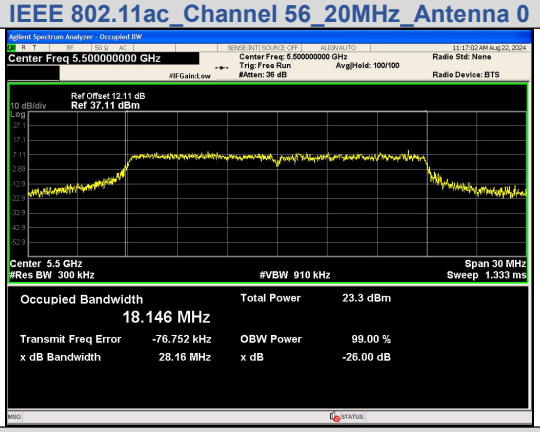
IEEE 802.11ac_Channel 52_20MHz_Antenna 0



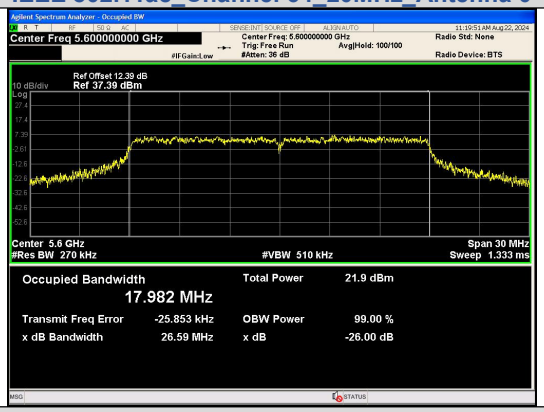
IEEE 802.11ac_Channel 56_20MHz_Antenna 0



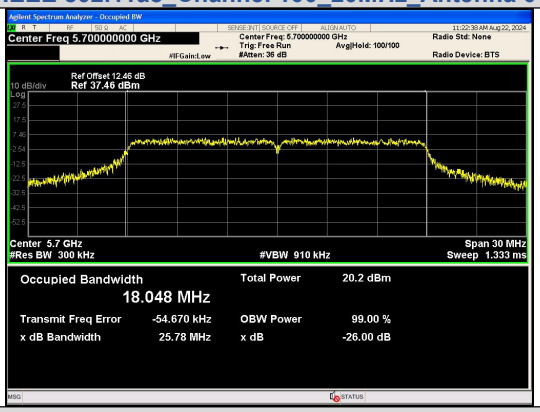
IEEE 802.11ac_Channel 64_20MHz_Antenna 0



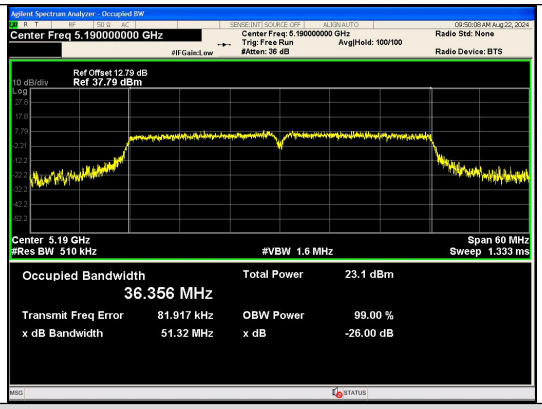
IEEE 802.11ac_Channel 100_20MHz_Antenna 0



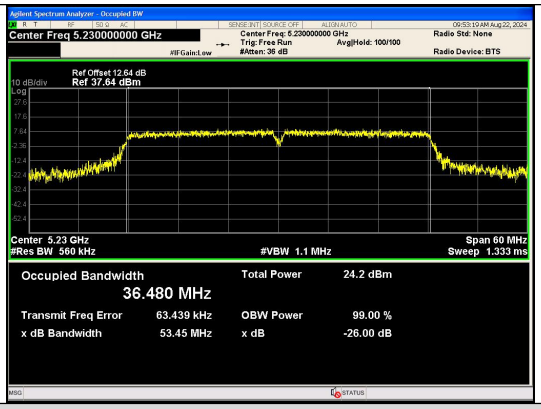
IEEE 802.11ac_Channel 120_20MHz_Antenna 0



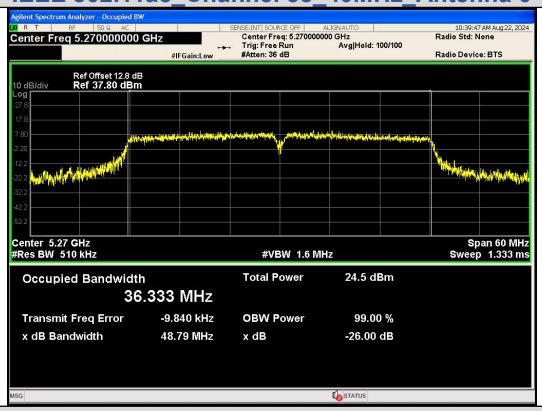
IEEE 802.11ac_Channel 140_20MHz_Antenna 0



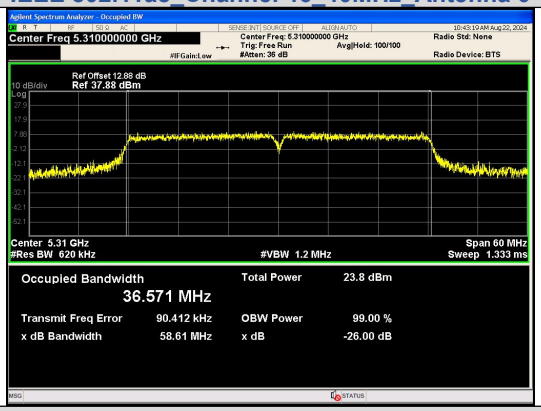
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



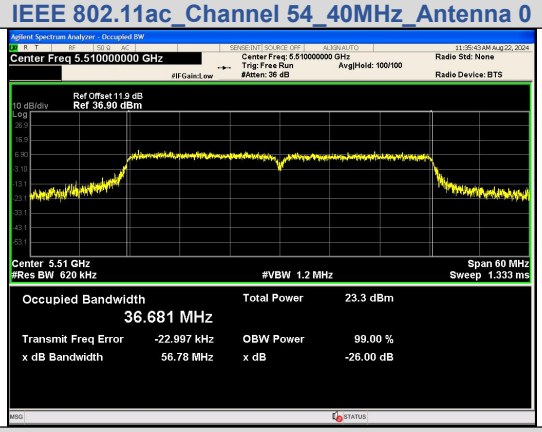
IEEE 802.11ac_Channel 46_40MHz_Antenna 0



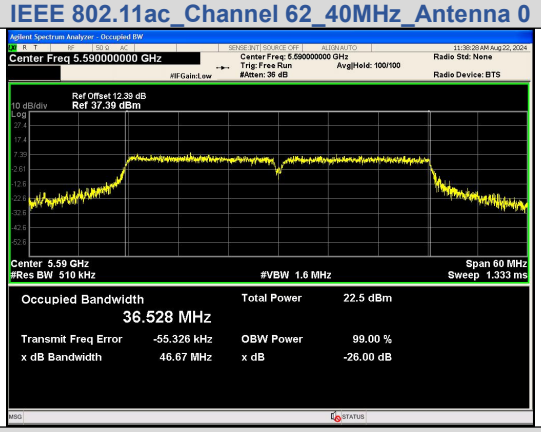
IEEE 802.11ac_Channel 54_40MHz_Antenna 0



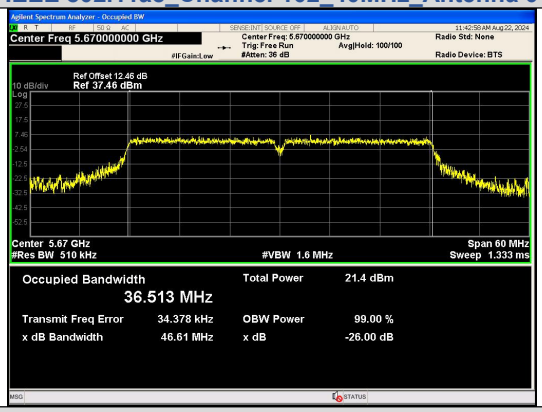
IEEE 802.11ac_Channel 62_40MHz_Antenna 0



IEEE 802.11ac_Channel 102_40MHz_Antenna 0

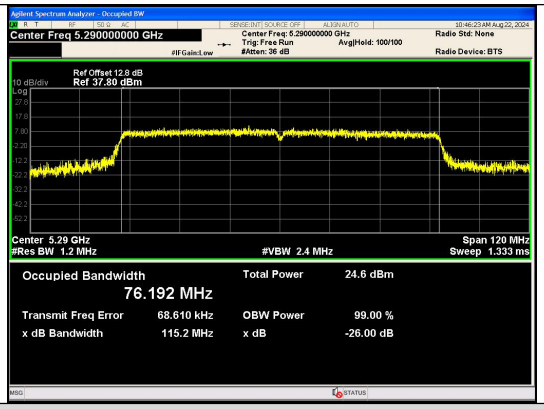


IEEE 802.11ac_Channel 118_40MHz_Antenna 0

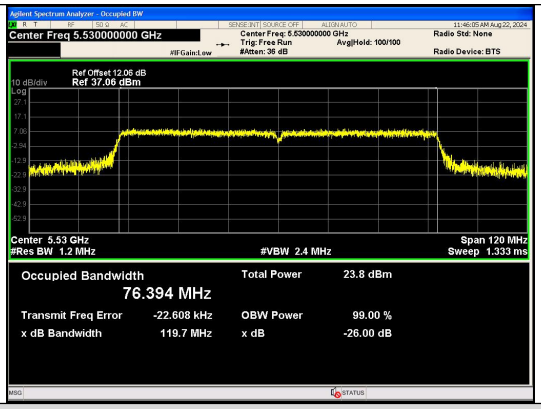


IEEE 802.11ac_Channel 134_40MHz_Antenna 0

IEEE 802.11ac_Channel 42_80MHz_Antenna 0



IEEE 802.11ac_Channel 58_80MHz_Antenna 0



IEEE 802.11ac_Channel 106_80MHz_Antenna 0

APPENDIX VI.Conducted Out Of Band Emission

Test Result

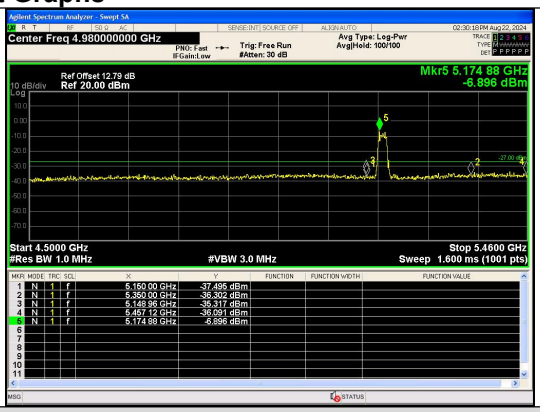
Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	36	0	39.98	-44.755	-27	-17.760	PASS
			5148.96	-35.317	-27	-8.317	PASS
			5150.00	-37.495	-27	-10.495	PASS
			5350.00	-36.302	-27	-9.302	PASS
			5457.12	-36.091	-27	-9.091	PASS
			24904.7	-39.637	-27	-12.640	PASS
	40		38.83	-42.762	-27	-15.760	PASS
			5148.96	-37.571	-27	-10.571	PASS
			5150.00	-37.748	-27	-10.748	PASS
			5350.00	-36.784	-27	-9.784	PASS
			5460.00	-36.316	-27	-9.316	PASS
			24946.5	-39.708	-27	-12.710	PASS
	48		5089.20	-40.050	-27	-13.050	PASS
			5144.16	-36.128	-27	-9.128	PASS
			5150.00	-37.262	-27	-10.262	PASS
			5350.00	-36.783	-27	-9.783	PASS
			5458.08	-36.453	-27	-9.453	PASS
			24901.8	-39.595	-27	-12.590	PASS
	52		58.16	-46.896	-27	-19.900	PASS
			5148.96	-35.981	-27	-8.981	PASS
			5150.00	-38.447	-27	-11.447	PASS
			5350.00	-35.767	-27	-8.767	PASS
			5456.16	-35.191	-27	-8.191	PASS
			24994.1	-40.399	-27	-13.400	PASS
	56		52.02	-45.959	-27	-18.960	PASS
			5148.96	-36.523	-27	-9.523	PASS
			5150.00	-37.938	-27	-10.938	PASS
			5350.00	-36.048	-27	-9.048	PASS
			5352.95	-38.561	-27	-11.560	PASS
			5459.04	-35.315	-27	-8.315	PASS
	64		61.74	-44.337	-27	-17.337	PASS
			5149.92	-37.819	-27	-10.819	PASS
			5150.00	-37.819	-27	-10.819	PASS
			5350.00	-35.516	-27	-8.516	PASS
			5454.24	-35.201	-27	-8.201	PASS
			24873.7	-38.164	-27	-11.164	PASS
	100		39.66	-45.183	-27	-18.183	PASS
			5469.49	-38.284	-27	-11.284	PASS
			5470.00	-38.284	-27	-11.284	PASS
			5725.00	-37.487	-27	-10.487	PASS
			6222.49	-37.045	-27	-10.045	PASS
			24935.4	-39.538	-27	-12.538	PASS
	120		39.52	-44.849	-27	-17.850	PASS
			5469.49	-37.963	-27	-10.963	PASS
			5470.00	-37.963	-27	-10.963	PASS
			5725.00	-37.515	-27	-10.515	PASS
			6225.00	-36.087	-27	-9.087	PASS
			24921.5	-39.845	-27	-12.845	PASS
	140		39.52	-46.057	-27	-19.057	PASS
			5468.23	-35.584	-27	-8.584	PASS
			5470.00	-37.181	-27	-10.181	PASS
			5725.00	-37.027	-27	-10.027	PASS
			6219.98	-36.583	-27	-10.181	PASS
			24945.5	-39.844	-27	-10.027	PASS
IEEE 802.11n_20	36		39.09	-46.029	-27	-9.583	PASS
			5142.24	-36.666	-27	-12.844	PASS
			5150.00	-36.678	-27	-19.029	PASS
			5350.00	-36.438	-27	-9.666	PASS
			5458.08	-35.084	-27	-9.678	PASS
			24941.5	-40.204	-27	-9.438	PASS
	40		5075.04	-34.737	-27	-8.084	PASS

			5147.44	-29.394	-27	-13.204	PASS
			5150.00	-34.963	-27	-7.737	PASS
			5350.00	-37.043	-27	-2.394	PASS
			5460.00	-35.530	-27	-7.963	PASS
			24908.1	-40.311	-27	-10.043	PASS
	48		50.99	-41.263	-27	-8.53	PASS
			5122.08	-35.834	-27	-13.311	PASS
			5150.00	-36.050	-27	-14.263	PASS
			5350.00	-35.985	-27	-8.834	PASS
			5459.04	-35.307	-27	-9.05	PASS
			24916.0	-40.080	-27	-8.985	PASS
	52		38.70	-44.525	-27	-17.520	PASS
			5149.92	-37.257	-27	-10.257	PASS
			5150.00	-37.257	-27	-10.257	PASS
			5350.00	-37.082	-27	-10.082	PASS
			5460.00	-36.976	-27	-9.976	PASS
			24978.9	-39.061	-27	-12.061	PASS
	56		39.09	-44.180	-27	-17.18	PASS
			5149.92	-37.617	-27	-10.617	PASS
			5150.00	-37.617	-27	-10.617	PASS
			5350.00	-35.629	-27	-8.629	PASS
			5456.16	-35.360	-27	-8.36	PASS
			24913.5	-39.760	-27	-12.76	PASS
	64		39.47	-44.633	-27	-17.633	PASS
			5146.08	-36.414	-27	-9.414	PASS
			5150.00	-36.451	-27	-9.451	PASS
			5350.00	-36.615	-27	-9.615	PASS
			5460.00	-35.742	-27	-8.742	PASS
			24914.0	-39.739	-27	-12.739	PASS
	100		5469.32	-29.494	-27	-2.494	PASS
			5470.00	-27.788	-27	-0.788	PASS
			5725.00	-37.516	-27	-10.516	PASS
			6216.22	-37.261	-27	-10.261	PASS
			24895.0	-40.496	-27	-13.496	PASS
	120		39.93	-45.992	-27	-18.990	PASS
			5464.47	-37.182	-27	-10.182	PASS
			5470.00	-37.226	-27	-10.226	PASS
			5725.00	-37.512	-27	-10.512	PASS
			6225.00	-37.116	-27	-10.116	PASS
			24945.1	-40.191	-27	-13.191	PASS
	140		39.11	-44.891	-27	-17.891	PASS
			5469.49	-37.460	-27	-10.46	PASS
			5470.00	-37.460	-27	-10.46	PASS
			5725.00	-35.055	-27	-8.055	PASS
			5726.93	-28.255	-27	-1.255	PASS
			6134.64	-34.281	-27	-7.281	PASS
IEEE 802.11n_40	38		4152.62	-41.503	-27	-14.503	PASS
			5147.04	-36.618	-27	-9.618	PASS
			5150.00	-37.597	-27	-10.597	PASS
			5350.00	-35.909	-27	-8.909	PASS
			5452.32	-35.145	-27	-8.145	PASS
			24867.9	-39.409	-27	-12.409	PASS
	46		5147.04	-36.704	-27	-9.704	PASS
			5147.44	-29.740	-27	-2.74	PASS
			5150.00	-37.692	-27	-10.692	PASS
			5350.00	-36.622	-27	-9.622	PASS
			5459.04	-35.785	-27	-8.785	PASS
			24962.2	-39.817	-27	-12.817	PASS
	54		39.60	-41.116	-27	-14.116	PASS
			5149.92	-35.712	-27	-8.712	PASS
			5150.00	-35.712	-27	-8.712	PASS
			5350.00	-34.778	-27	-7.778	PASS
			5351.47	-31.365	-27	-4.365	PASS
			5440.80	-34.560	-27	-7.560	PASS
	62		39.47	-44.258	-27	-17.258	PASS
			5149.92	-36.632	-27	-9.632	PASS
			5150.00	-36.632	-27	-9.632	PASS
			5350.00	-36.465	-27	-9.465	PASS

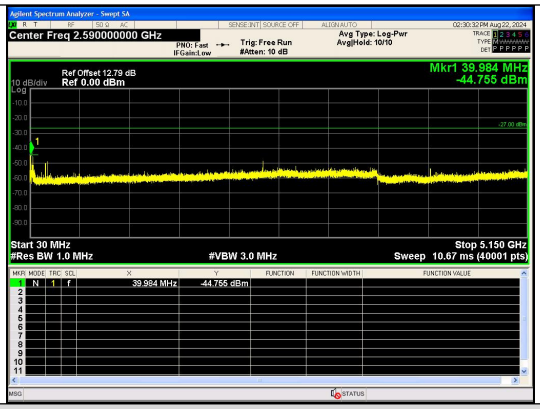
			5362.77	-36.835	-27	-9.835	PASS
			5460.00	-36.079	-27	-9.079	PASS
	102		39.25	-43.128	-27	-16.128	PASS
			5469.49	-38.089	-27	-11.089	PASS
			5470.00	-38.089	-27	-11.089	PASS
			5725.00	-37.964	-27	-10.964	PASS
			6223.74	-37.050	-27	-10.05	PASS
			24934.9	-41.175	-27	-14.175	PASS
	118		39.25	-45.347	-27	-18.347	PASS
			5469.49	-37.228	-27	-10.228	PASS
			5470.00	-37.228	-27	-10.228	PASS
			5725.00	-36.822	-27	-9.822	PASS
			6213.70	-36.703	-27	-9.703	PASS
			24866.5	-40.220	-27	-13.22	PASS
	134		40.06	-44.859	-27	-17.859	PASS
			5464.47	-36.702	-27	-9.702	PASS
			5470.00	-37.029	-27	-10.029	PASS
			5725.00	-35.072	-27	-8.072	PASS
			5726.93	-32.126	-27	-5.126	PASS
			6157.23	-34.602	-27	-7.602	PASS
IEEE 802.11ac_20	36		5149.49	-27.493	-27	-0.493	PASS
			5150.00	-33.802	-27	-6.802	PASS
			5350.00	-36.957	-27	-9.957	PASS
			5459.04	-36.166	-27	-9.166	PASS
			5504.25	-36.881	-27	-9.881	PASS
	40		5143.98	-32.099	-27	-5.099	PASS
			5148.96	-37.550	-27	-10.55	PASS
			5150.00	-37.598	-27	-10.598	PASS
			5350.00	-36.606	-27	-9.606	PASS
			5460.00	-35.512	-27	-8.512	PASS
			24918.5	-40.163	-27	-13.163	PASS
	48		5142.58	-39.993	-27	-12.993	PASS
			5147.04	-37.396	-27	-10.396	PASS
			5150.00	-37.809	-27	-10.809	PASS
			5350.00	-37.050	-27	-10.05	PASS
			5458.08	-36.051	-27	-9.051	PASS
			24950.9	-39.841	-27	-12.841	PASS
	52		39.22	-44.931	-27	-17.931	PASS
			5149.92	-36.576	-27	-9.576	PASS
			5150.00	-36.576	-27	-9.576	PASS
			5350.00	-36.232	-27	-9.232	PASS
			5391.76	-39.537	-27	-12.537	PASS
			5460.00	-35.861	-27	-8.861	PASS
	56		5125.92	-35.875	-27	-8.875	PASS
			5131.70	-44.288	-27	-17.288	PASS
			5150.00	-35.999	-27	-8.999	PASS
			5350.00	-37.928	-27	-10.928	PASS
			5360.32	-32.640	-27	-5.640	PASS
			5460.00	-35.440	-27	-8.440	PASS
	64		39.98	-42.696	-27	-15.696	PASS
			5149.92	-37.109	-27	-10.109	PASS
			5150.00	-37.109	-27	-10.109	PASS
			5350.00	-34.428	-27	-7.428	PASS
			5379.36	-33.807	-27	-6.807	PASS
			24900.3	-39.545	-27	-12.545	PASS
	100		39.79	-46.015	-27	-19.015	PASS
			5468.23	-37.929	-27	-10.929	PASS
			5470.00	-38.248	-27	-11.248	PASS
			5725.00	-38.053	-27	-11.053	PASS
			6225.00	-37.578	-27	-10.578	PASS
			24923.4	-40.408	-27	-13.408	PASS
	120		38.70	-44.660	-27	-17.66	PASS
			5468.23	-37.334	-27	-10.334	PASS
			5470.00	-38.106	-27	-11.106	PASS
			5725.00	-37.520	-27	-10.52	PASS
			6223.74	-36.022	-27	-9.022	PASS
			24856.4	-40.169	-27	-13.169	PASS
	140		39.11	-44.756	-27	-17.756	PASS

			5466.98	-37.722	-27	-10.722	PASS
			5470.00	-37.859	-27	-10.859	PASS
			5725.00	-27.992	-27	-0.992	PASS
			5725.48	-28.450	-27	-1.450	PASS
IEEE 802.11ac_40	38		39.09	-45.319	-27	-18.319	PASS
			5149.92	-37.015	-27	-10.015	PASS
			5150.00	-37.015	-27	-10.015	PASS
			5350.00	-34.396	-27	-7.396	PASS
			5429.28	-34.349	-27	-7.349	PASS
			24956.8	-39.423	-27	-12.423	PASS
	46		5148.85	-31.550	-27	-4.550	PASS
			5148.96	-37.496	-27	-10.496	PASS
			5150.00	-37.823	-27	-10.823	PASS
			5350.00	-36.594	-27	-9.594	PASS
			5350.98	-36.167	-27	-9.167	PASS
			5456.16	-36.220	-27	-9.220	PASS
	54		5148.59	-38.945	-27	-11.945	PASS
			5148.96	-37.098	-27	-10.098	PASS
			5150.00	-37.584	-27	-10.584	PASS
			5350.00	-36.180	-27	-9.180	PASS
			5354.91	-28.686	-27	-1.686	PASS
			5459.04	-36.142	-27	-9.142	PASS
	62		40.24	-47.927	-27	-20.930	PASS
			5149.92	-36.595	-27	-9.595	PASS
			5150.00	-36.595	-27	-9.595	PASS
			5350.00	-37.165	-27	-10.165	PASS
			5460.00	-35.789	-27	-8.789	PASS
			24922.9	-39.847	-27	-12.847	PASS
	102		2455.29	-41.392	-27	-14.392	PASS
			5466.98	-37.003	-27	-10.003	PASS
			5470.00	-37.450	-27	-10.45	PASS
			5725.00	-37.988	-27	-10.988	PASS
			6222.49	-37.164	-27	-10.164	PASS
			24998.1	-40.919	-27	-13.919	PASS
	118		53.66	-43.097	-27	-16.097	PASS
			5469.49	-37.882	-27	-10.882	PASS
			5470.00	-37.882	-27	-10.882	PASS
			5725.00	-36.793	-27	-9.793	PASS
			6223.74	-36.368	-27	-9.368	PASS
			24929.6	-40.210	-27	-13.21	PASS
	134		4536.09	-41.129	-27	-14.129	PASS
			5468.23	-37.524	-27	-10.524	PASS
			5470.00	-37.764	-27	-10.764	PASS
			5725.00	-28.322	-27	-1.322	PASS
			5725.51	-28.322	-27	-1.322	PASS
			5727.41	-30.755	-27	-3.755	PASS
IEEE 802.11ac_80	42		39.86	-44.081	-27	-17.081	PASS
			5148.96	-37.143	-27	-10.143	PASS
			5150.00	-38.026	-27	-11.026	PASS
			5350.00	-35.574	-27	-8.574	PASS
			5450.40	-35.304	-27	-8.304	PASS
			24923.4	-40.503	-27	-13.503	PASS
	58		39.98	-45.180	-27	-18.180	PASS
			5140.32	-36.963	-27	-9.963	PASS
			5150.00	-37.066	-27	-10.066	PASS
			5350.00	-36.594	-27	-9.594	PASS
			5459.04	-35.985	-27	-8.985	PASS
			24941.5	-39.639	-27	-12.639	PASS
	106		2453.66	-42.066	-27	-15.066	PASS
			5468.23	-37.864	-27	-10.864	PASS
			5470.00	-37.960	-27	-10.960	PASS
			5725.00	-37.502	-27	-10.502	PASS
			6219.98	-37.449	-27	-10.449	PASS
			24971.6	-40.329	-27	-13.330	PASS

Test Graphs

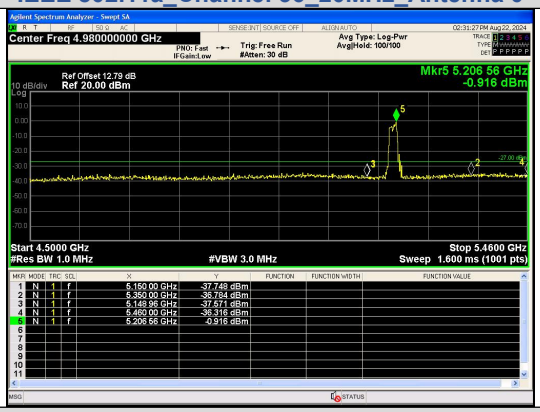


Out Of Band Emission
IEEE 802.11a_Channel 36_20MHz_Antenna 0

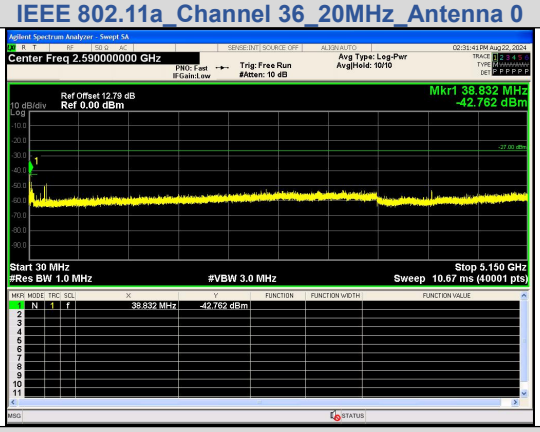


Spurious Emission:30.0~5150 MHz
IEEE 802.11a_Channel 36_20MHz_Antenna 0

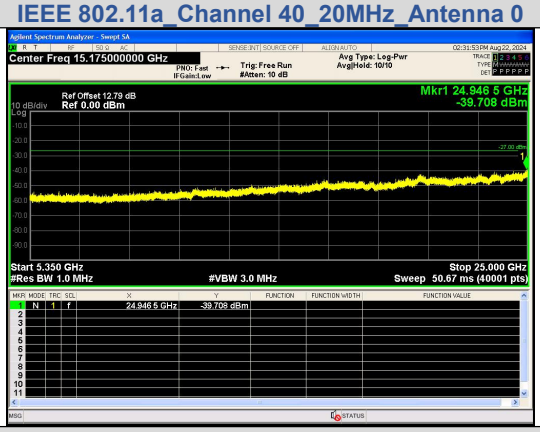
Spurious Emission:5350~25000.0 MHz
IEEE 802.11a_Channel 36_20MHz_Antenna 0



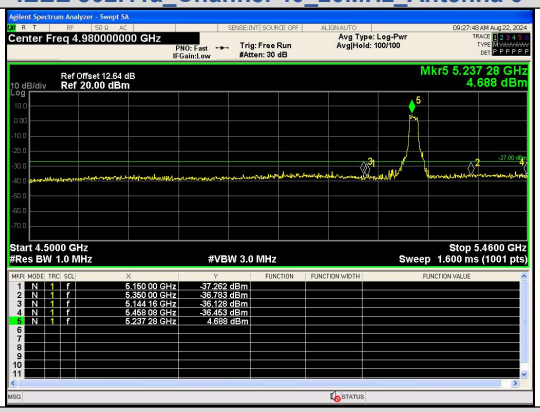
Out Of Band Emission
IEEE 802.11a_Channel 40_20MHz_Antenna 0



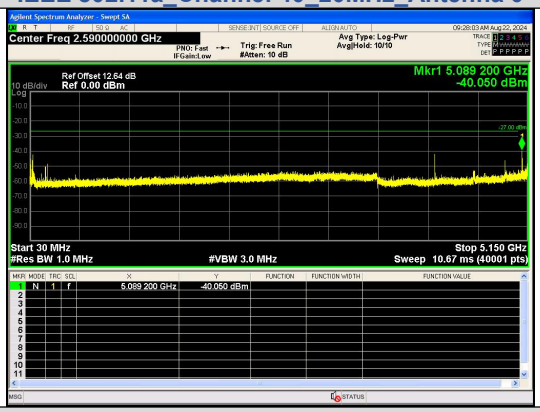
Spurious Emission:30.0~5150 MHz
IEEE 802.11a_Channel 40_20MHz_Antenna 0



Spurious Emission:5350~25000.0 MHz
IEEE 802.11a_Channel 40_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11a_Channel 48_20MHz_Antenna 0



Spurious Emission:30.0~5150 MHz
IEEE 802.11a_Channel 48_20MHz_Antenna 0