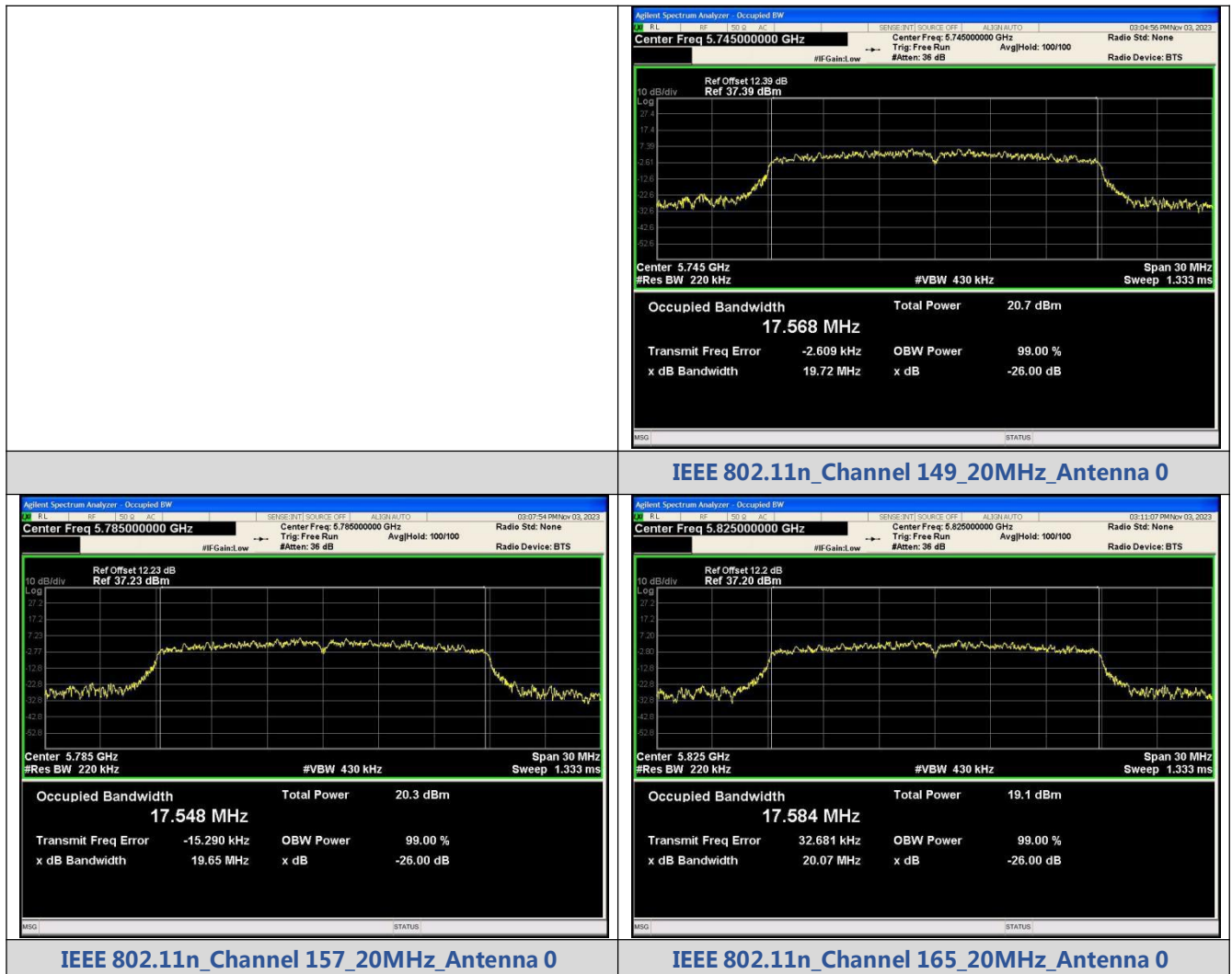


Antenna 1+2:
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11n_20	149	1+2	5745	19.72	1.13
	157		5785	19.65	1.12
	165		5825	20.07	1.11
IEEE 802.11n_40	151		5755	39.99	1.06
	159		5795	39.72	1.06
IEEE 802.11ac_20	149		5745	19.80	1.1
	157		5785	19.91	1.12
	165		5825	20.01	1.11
IEEE 802.11ac_40	151		5755	40.57	1.06
	159		5795	39.89	1.05
IEEE 802.11ac_80	155		5775	80.19	1.04

Test Graphs





IEEE 802.11n_Channel 151_40MHz_Antenna 0



IEEE 802.11n_Channel 159_40MHz_Antenna 0



IEEE 802.11ac_Channel 149_20MHz_Antenna 0



IEEE 802.11ac_Channel 157_20MHz_Antenna 0



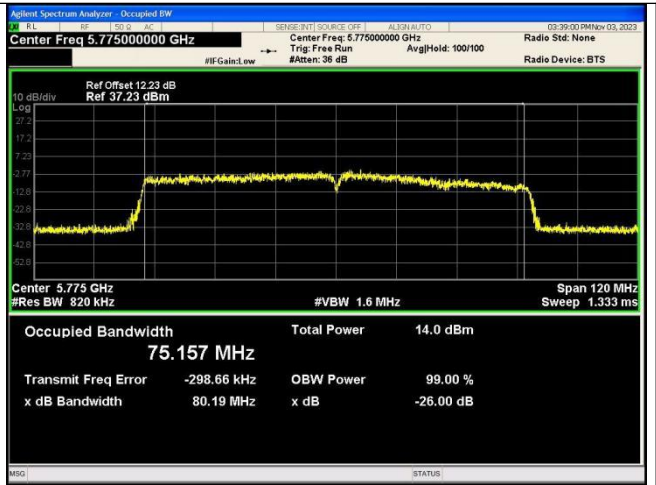
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



IEEE 802.11ac_Channel 151_40MHz_Antenna 0



IEEE 802.11ac_Channel 159_40MHz_Antenna 0



IEEE 802.11ac_Channel 155_80MHz_Antenna 0

APPENDIX VI. Conducted Out Of Band Emission

Antenna 1:

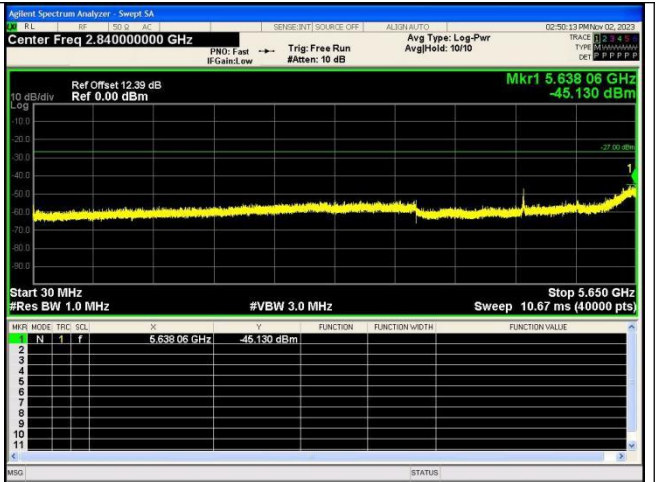
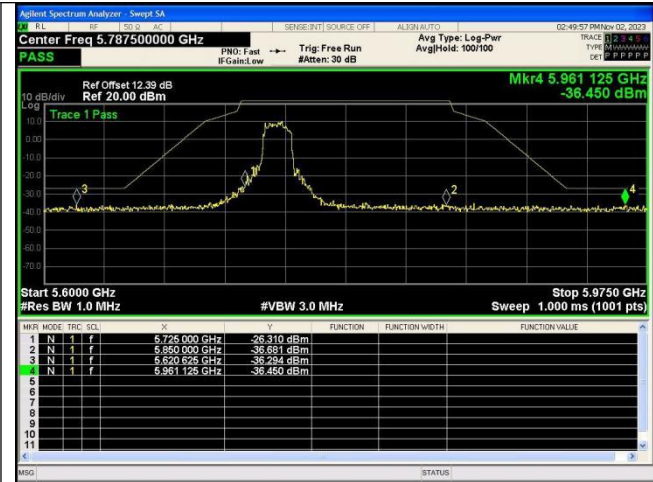
Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	149	1	5620.62	-36.294	-27	-9.294	PASS
			5638.06	-45.130	-27	-18.130	PASS
			5725.00	-26.310	27	-53.310	PASS
			5850.00	-36.681	27	-63.680	PASS
			5961.12	-36.450	-27	-9.450	PASS
			24919.4	-40.698	-27	-13.700	PASS
	157		5602.62	-36.611	-27	-9.611	PASS
			5632.58	-45.461	-27	-18.460	PASS
			5725.00	-38.020	27	-65.020	PASS
			5850.00	-38.161	27	-65.160	PASS
			5972.75	-36.027	-27	-9.027	PASS
			24980.0	-39.367	-27	-12.370	PASS
	165		4662.96	-47.001	-27	-20.000	PASS
			5644.62	-36.298	-27	-9.298	PASS
			5725.00	-38.134	27	-65.130	PASS
			5850.00	-33.915	27	-60.910	PASS
			5952.88	-36.217	-27	-9.217	PASS
			24927.5	-40.327	-27	-13.330	PASS
IEEE 802.11n_20	149		5601.50	-36.100	-27	-9.100	PASS
			5622.74	-45.980	-27	-18.980	PASS
			5725.00	-25.882	27	-52.880	PASS
			5850.00	-38.191	27	-65.190	PASS
			5931.88	-36.508	-27	-9.508	PASS
			24824.0	-40.458	-27	-13.460	PASS
	157		5614.03	-45.948	-27	-18.950	PASS
			5635.62	-35.846	-27	-8.846	PASS
			5725.00	-37.047	27	-64.050	PASS
			5850.00	-37.427	27	-64.430	PASS
			5931.88	-35.986	-27	-8.986	PASS
			24939.0	-39.840	-27	-12.840	PASS
	165		4663.81	-44.629	-27	-17.630	PASS
			5618.38	-36.497	-27	-9.497	PASS
			5725.00	-37.498	27	-64.500	PASS
			5850.00	-33.038	27	-60.040	PASS
			5968.62	-35.521	-27	-8.521	PASS
			11649.1	-39.957	-27	-12.960	PASS

IEEE 802.11n_40	151		5594.36	-44.065	-27	-17.060	PASS
			5628.50	-36.262	-27	-9.262	PASS
			5725.00	-19.685	27	-46.690	PASS
			5850.00	-38.554	27	-65.550	PASS
			5939.75	-35.771	-27	-8.771	PASS
			24925.6	-39.644	-27	-12.640	PASS
	159		5637.88	-36.342	-27	-9.342	PASS
			5648.88	-46.970	-27	-19.970	PASS
			5725.00	-38.026	27	-65.030	PASS
			5850.00	-37.372	27	-64.370	PASS
			5970.88	-36.519	-27	-9.519	PASS
			24977.6	-39.730	-27	-12.730	PASS
IEEE 802.11ac_20	149		5612.06	-46.012	-27	-19.010	PASS
			5626.25	-35.588	-27	-8.588	PASS
			5725.00	-23.369	27	-50.370	PASS
			5850.00	-37.759	27	-64.760	PASS
			5957.38	-35.757	-27	-8.757	PASS
			24934.2	-39.849	-27	-12.850	PASS
	157		5585.37	-46.415	-27	-19.410	PASS
			5628.12	-36.479	-27	-9.479	PASS
			5725.00	-38.565	27	-65.560	PASS
			5850.00	-38.591	27	-65.590	PASS
			5939.75	-36.371	-27	-9.371	PASS
			24931.8	-39.766	-27	-12.770	PASS
	165		4669.71	-46.918	-27	-19.920	PASS
			5627.38	-36.582	-27	-9.582	PASS
			5725.00	-37.745	27	-64.750	PASS
			5850.00	-32.140	27	-59.140	PASS
			5969.38	-36.406	-27	-9.406	PASS
			24965.7	-40.085	-27	-13.090	PASS
IEEE 802.11ac_40	151		5632.25	-36.401	-27	-9.401	PASS
			5648.17	-44.197	-27	-17.200	PASS
			5725.00	-22.895	27	-49.890	PASS
			5850.00	-37.070	27	-64.070	PASS
			5955.50	-36.324	-27	-9.324	PASS
			24912.7	-38.967	-27	-11.970	PASS
	159		5631.59	-47.091	-27	-20.090	PASS
			5646.12	-36.814	-27	-9.814	PASS
			5725.00	-37.481	27	-64.480	PASS
			5850.00	-37.971	27	-64.970	PASS
			5967.12	-36.697	-27	-9.697	PASS
			24942.8	-39.262	-27	-12.260	PASS
IEEE 802.11ac_80	155		5623.02	-45.727	-27	-18.730	PASS
			5624.00	-36.651	-27	-9.651	PASS
			5725.00	-36.384	27	-63.380	PASS
			5850.00	-37.363	27	-64.360	PASS

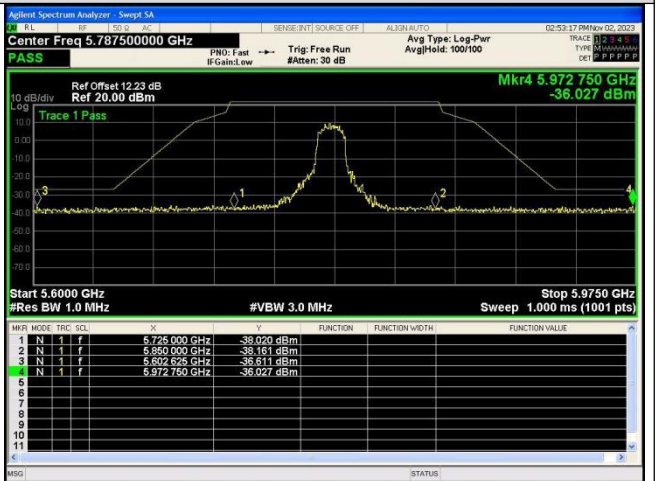
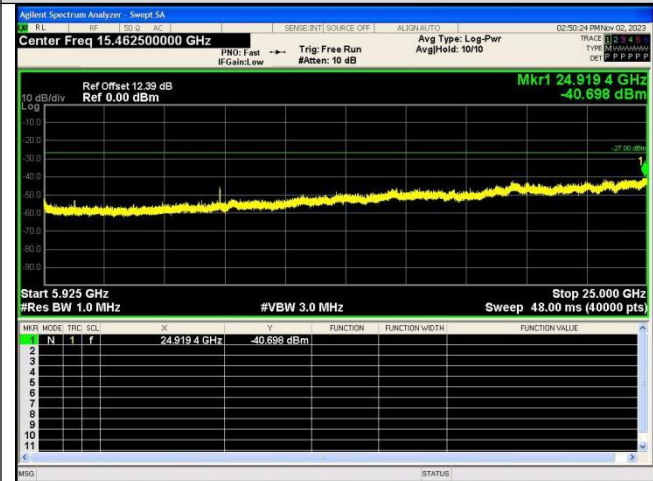
			5938.25	-36.233	-27	-9.233	PASS
			24938.5	-40.196	-27	-13.200	PASS

Test Graphs



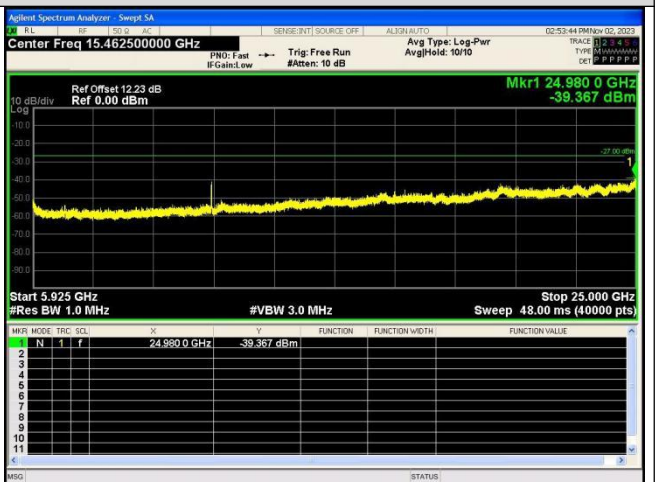
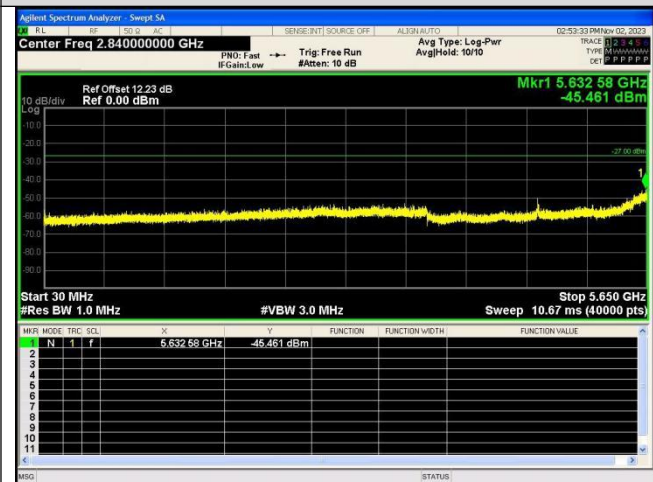
Out Of Band Emission
IEEE 802.11a_Channel 149_20MHz_Antenna 0

Spurious Emission:30.0~5650 MHz
IEEE 802.11a_Channel 149_20MHz_Antenna 0



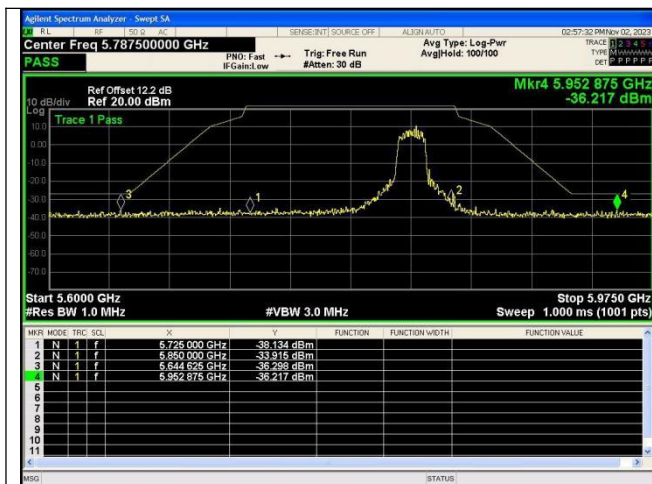
Spurious Emission:5925~25000.0 MHz
IEEE 802.11a_Channel 149_20MHz_Antenna 0

Out Of Band Emission
IEEE 802.11a_Channel 157_20MHz_Antenna 0

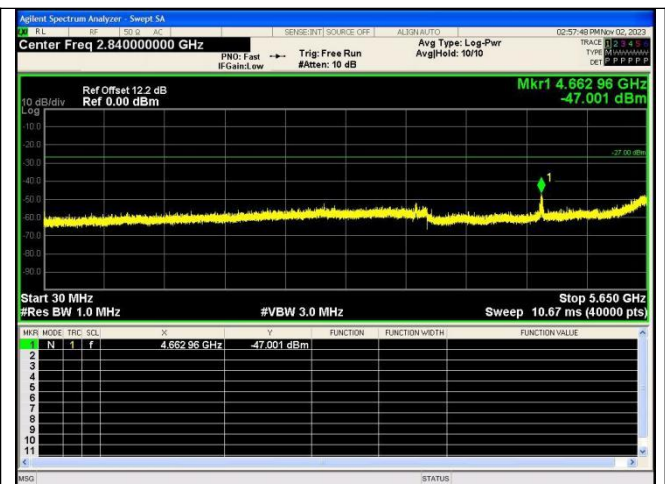


Spurious Emission:30.0~5650 MHz
IEEE 802.11a_Channel 157_20MHz_Antenna 0

Spurious Emission:5925~25000.0 MHz
IEEE 802.11a_Channel 157_20MHz_Antenna 0



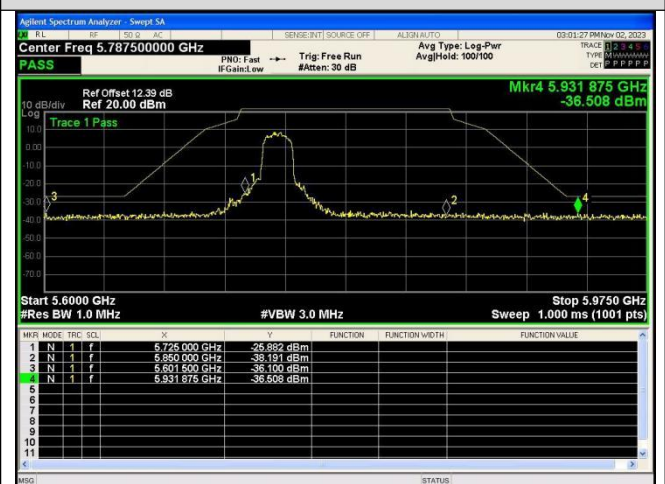
Out Of Band Emission
IEEE 802.11a_Channel 165_20MHz_Antenna 0



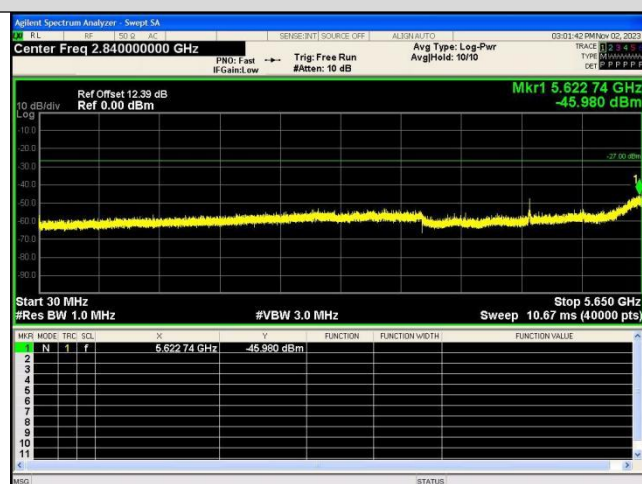
Spurious Emission:30.0~5650 MHz
IEEE 802.11a_Channel 165_20MHz_Antenna 0



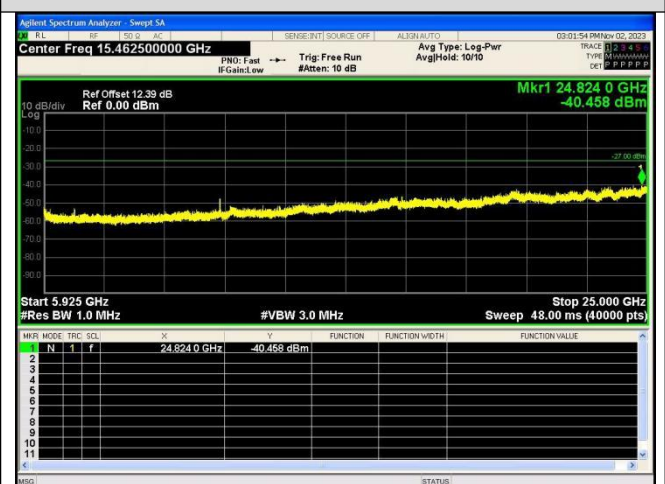
Spurious Emission:5925~25000.0 MHz
IEEE 802.11a_Channel 165_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11n_Channel 149_20MHz_Antenna 0



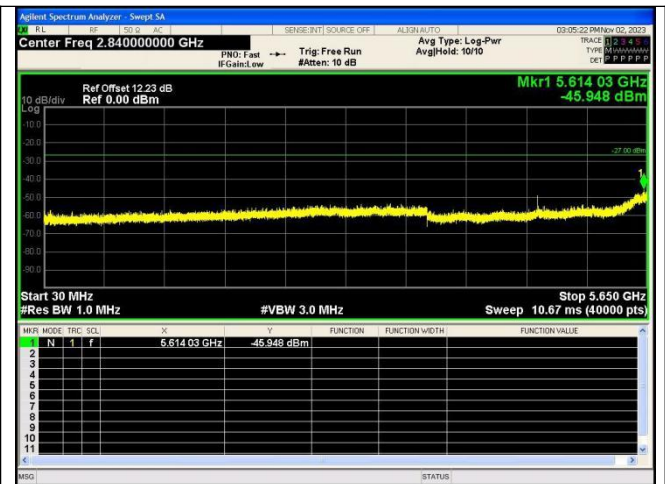
Spurious Emission:30.0~5650 MHz
IEEE 802.11n_Channel 149_20MHz_Antenna 0



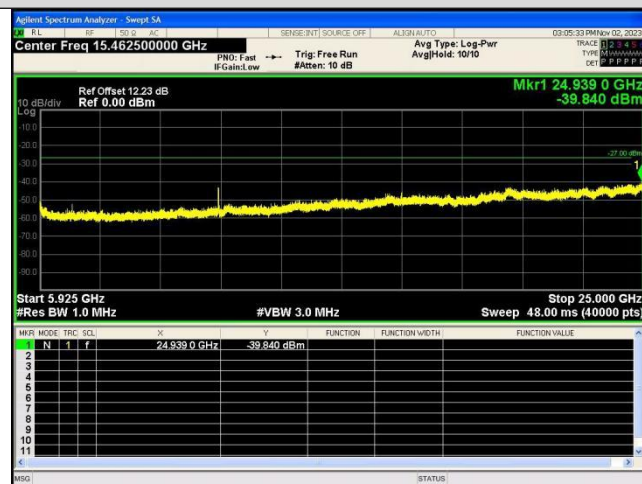
Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 149_20MHz_Antenna 0



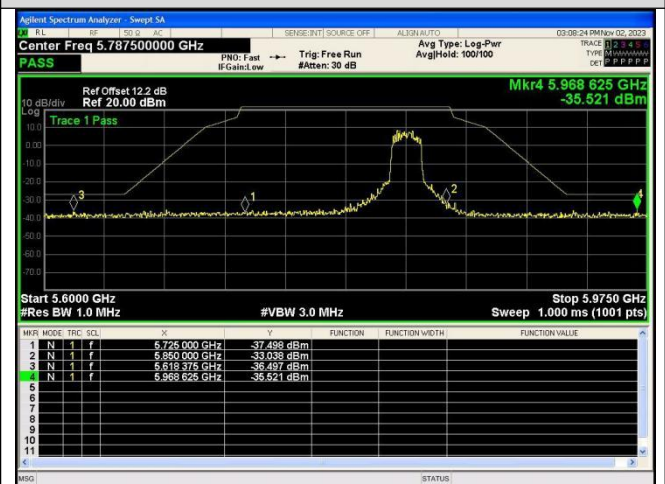
Out Of Band Emission
IEEE 802.11n_Channel 157_20MHz_Antenna 0



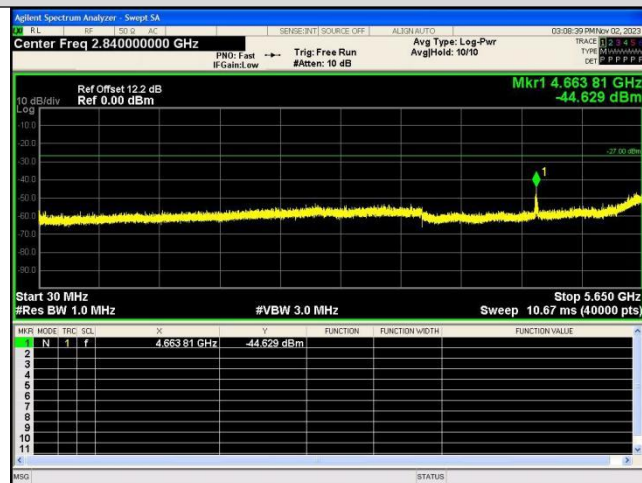
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IEEE 802.11n_Channel 157_20MHz_Antenna 0



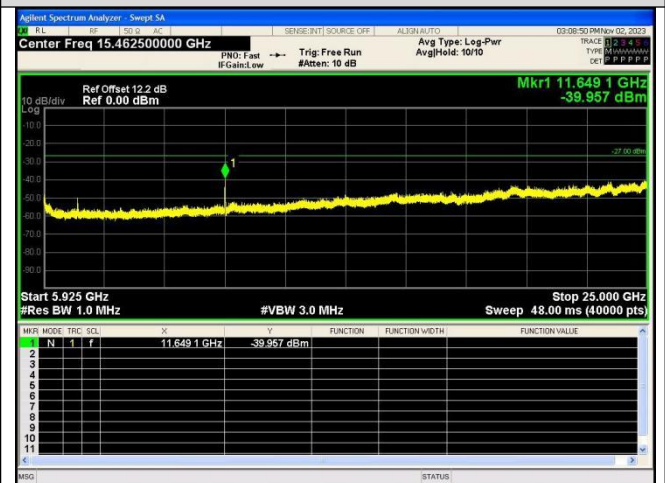
Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 157_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11n_Channel 165_20MHz_Antenna 0



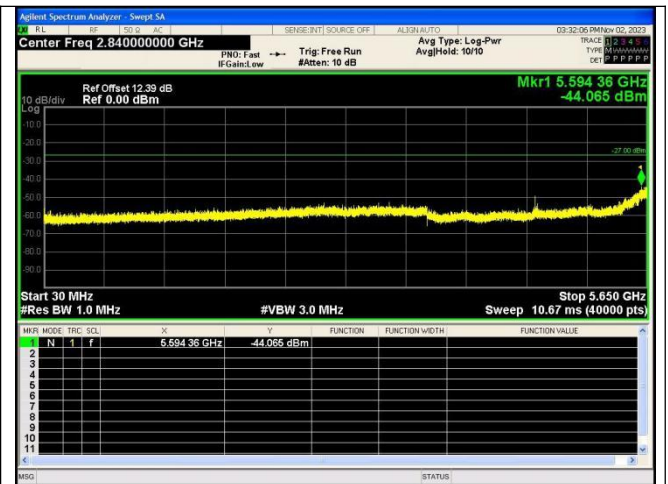
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IEEE 802.11n_Channel 165_20MHz_Antenna 0



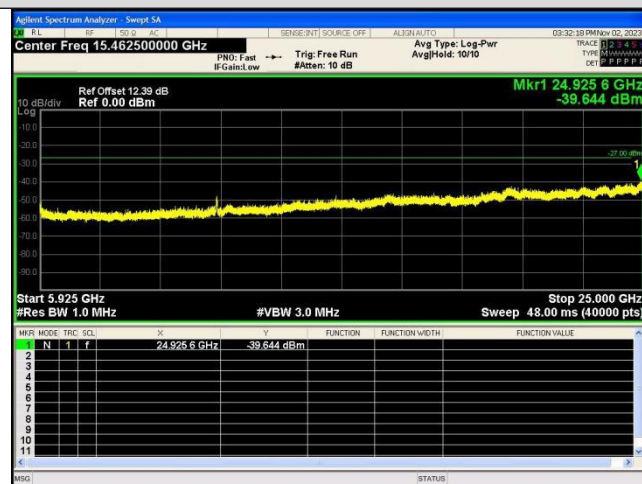
Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 165_20MHz_Antenna 0



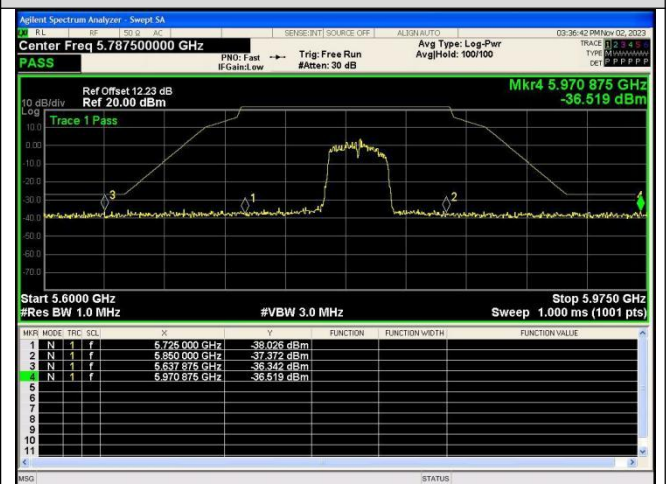
Out Of Band Emission
IEEE 802.11n_Channel 151_40MHz_Antenna 0



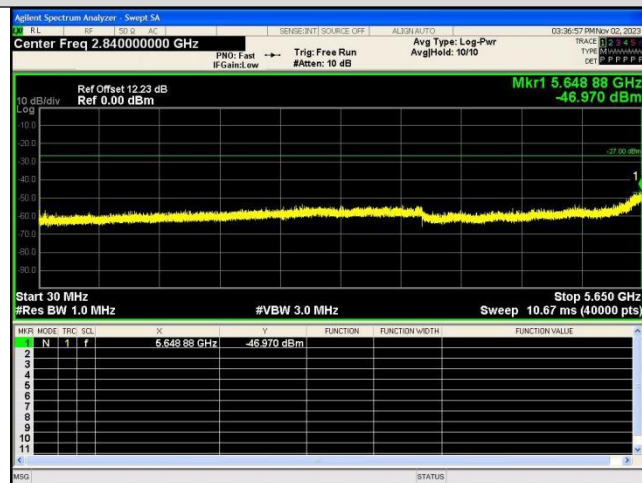
Spurious Emission:30.0~5650 MHz
IEEE 802.11n_Channel 151_40MHz_Antenna 0



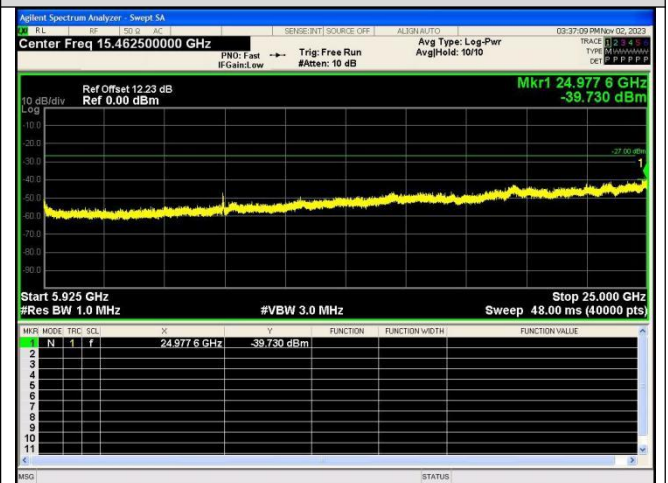
Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 151_40MHz_Antenna 0



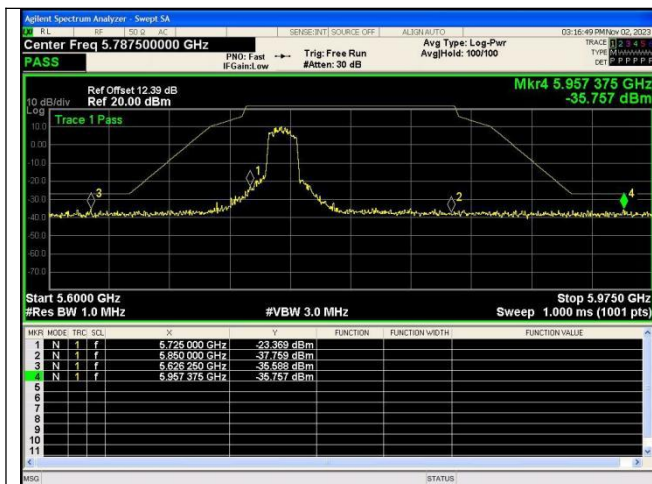
Out Of Band Emission
IEEE 802.11n_Channel 159_40MHz_Antenna 0



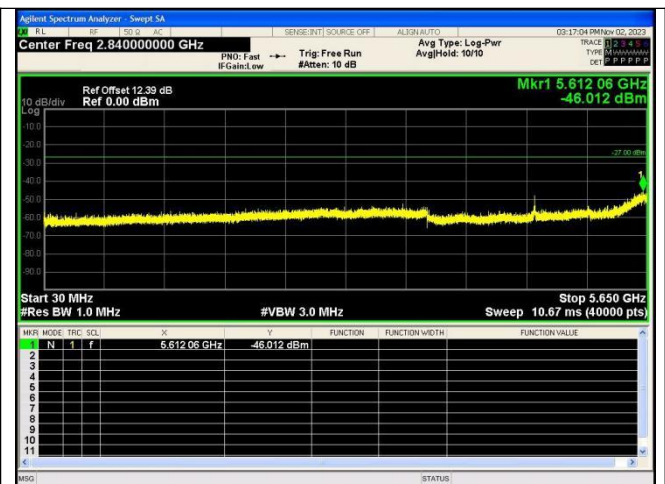
Spurious Emission:30.0~5650 MHz
IEEE 802.11n_Channel 159_40MHz_Antenna 0



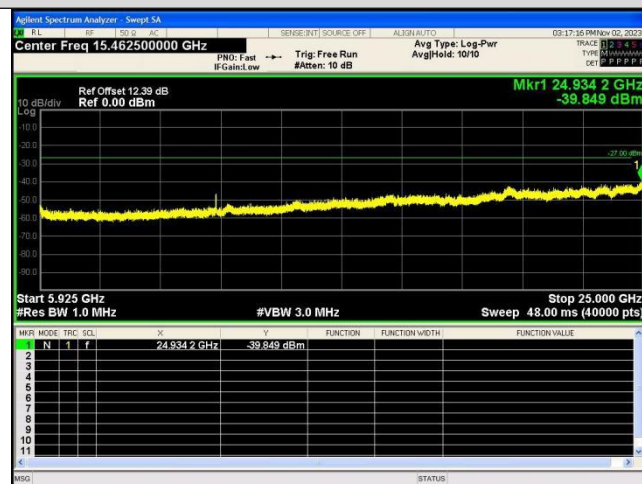
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IEEE 802.11n_Channel 159_40MHz_Antenna 0



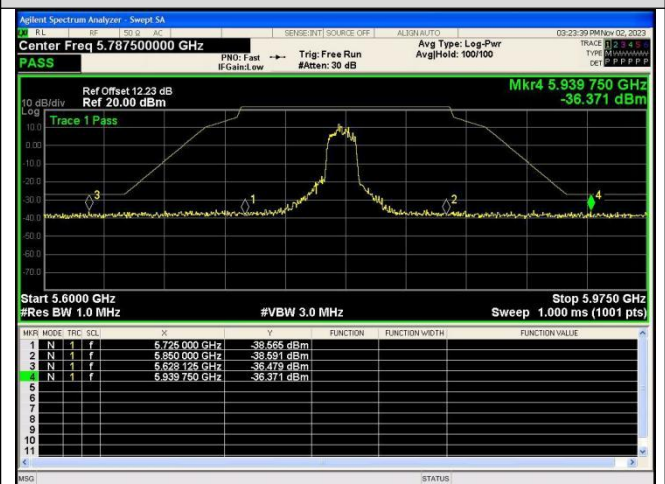
Out Of Band Emission
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



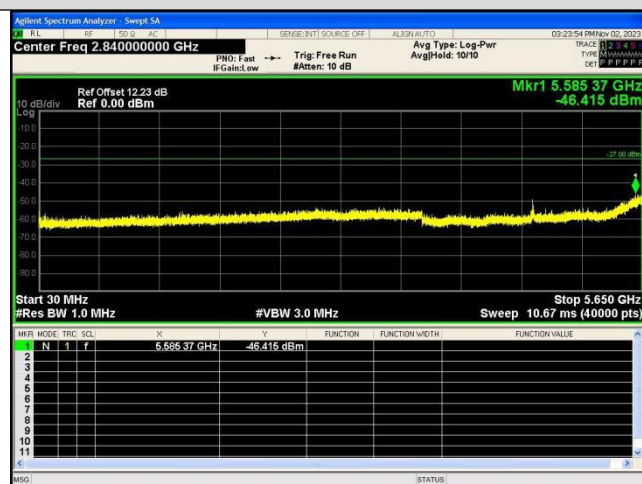
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



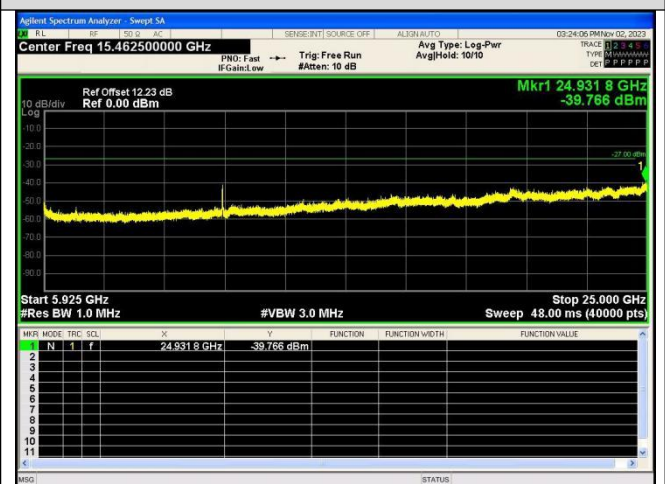
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



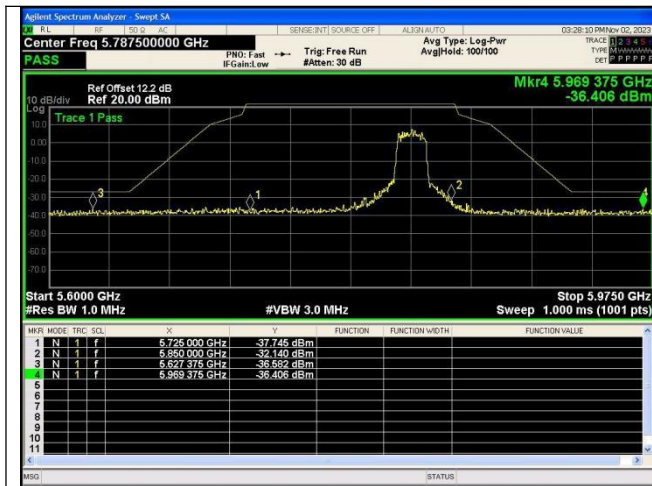
Out Of Band Emission
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



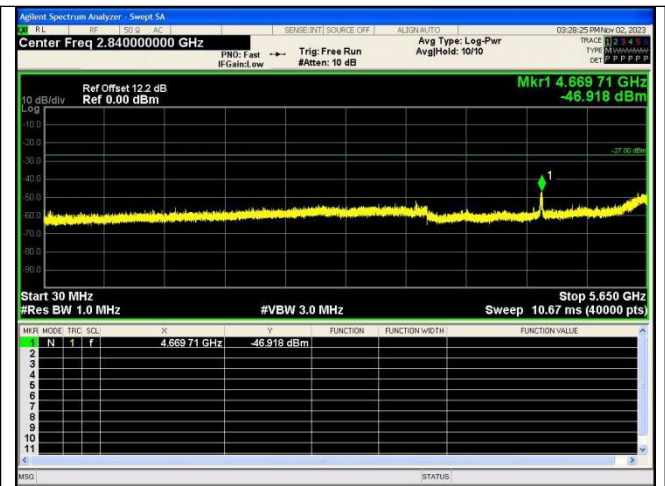
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



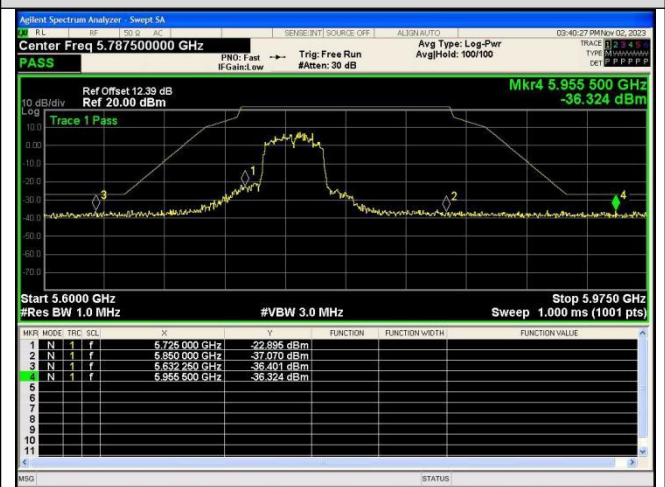
Out Of Band Emission
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



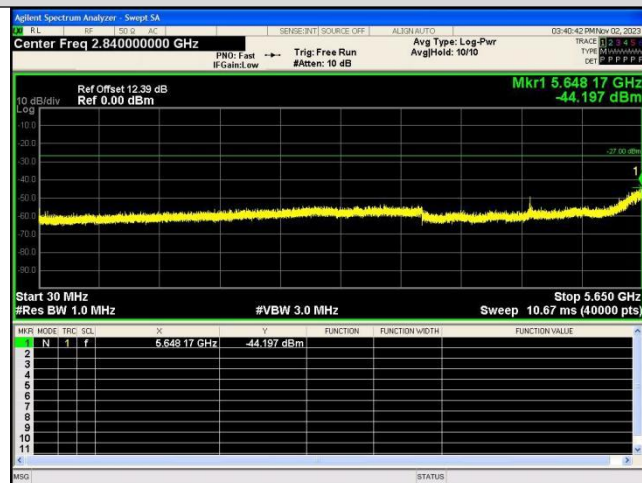
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



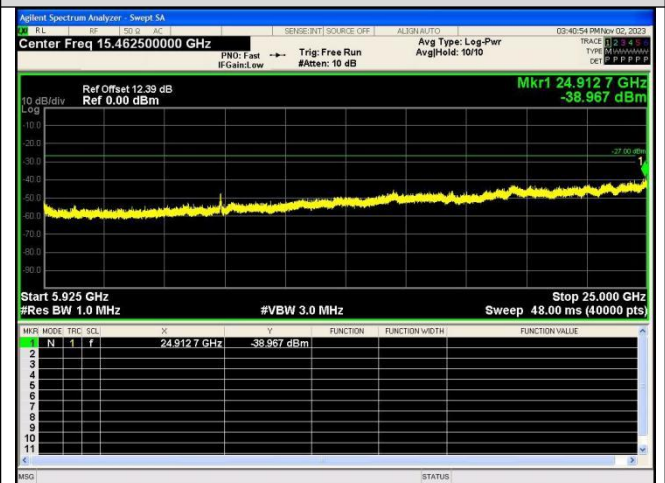
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11ac_Channel 151_40MHz_Antenna 0



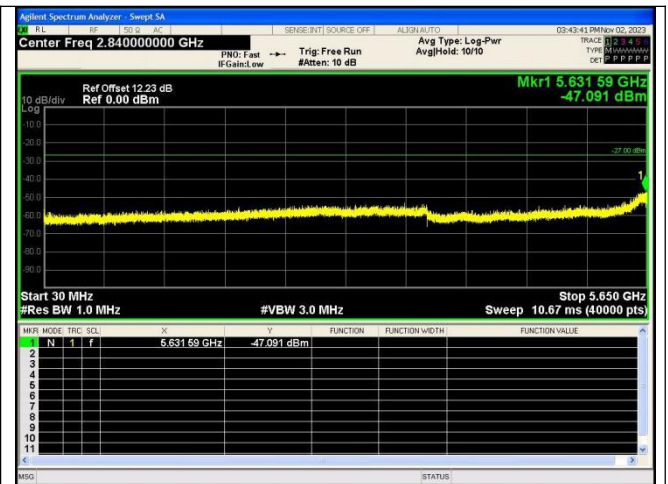
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 151_40MHz_Antenna 0



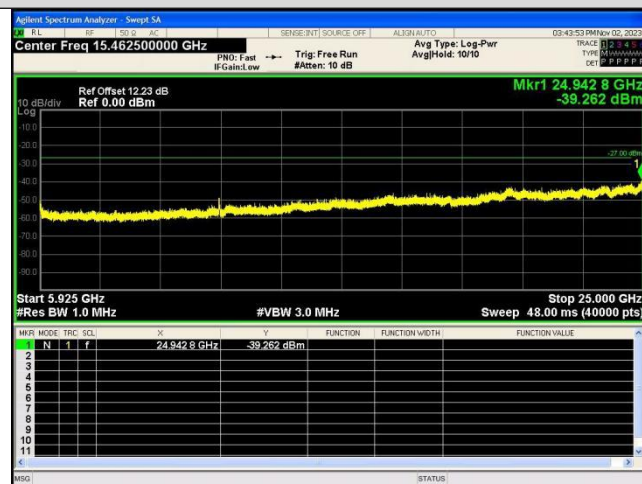
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 151_40MHz_Antenna 0



Out Of Band Emission
IEEE 802.11ac_Channel 159_40MHz_Antenna 0



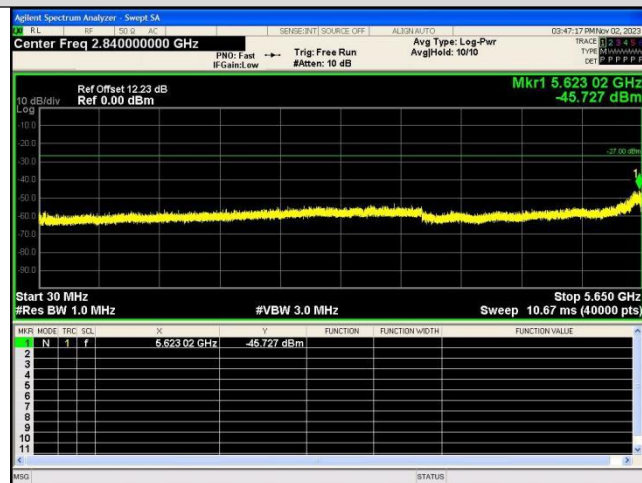
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 159_40MHz_Antenna 0



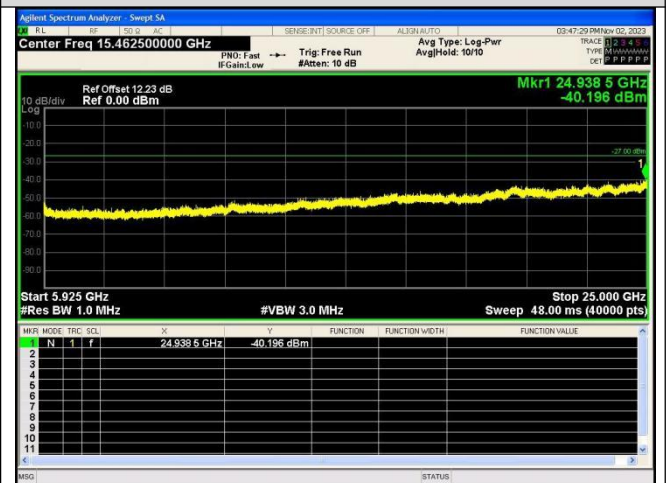
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 159_40MHz_Antenna 0



Out Of Band Emission
IEEE 802.11ac_Channel 155_80MHz_Antenna 0



Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 155_80MHz_Antenna 0

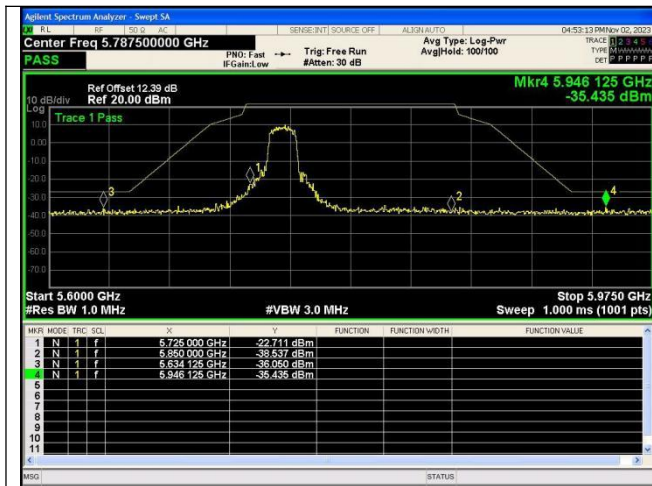


Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 155_80MHz_Antenna 0

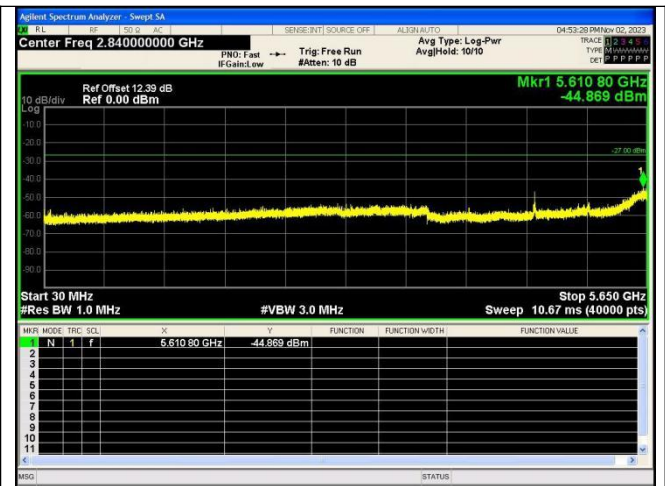
Antenna 2:
Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	149	2	5610.80	-44.869	-27	-17.870	PASS
			5634.12	-36.050	-27	-9.050	PASS
			5725.00	-22.711	27	-49.710	PASS
			5850.00	-38.537	27	-65.540	PASS
			5946.12	-35.435	-27	-8.435	PASS
			24940.4	-39.740	-27	-12.740	PASS
	157		5592.39	-46.060	-27	-19.060	PASS
			5633.38	-36.490	-27	-9.490	PASS
			5725.00	-37.288	27	-64.290	PASS
			5850.00	-38.001	27	-65.000	PASS
			5925.88	-34.878	-27	-7.878	PASS
			24964.7	-40.451	-27	-13.450	PASS
	165		4664.37	-43.515	-27	-16.520	PASS
			5637.12	-36.693	-27	-9.693	PASS
			5725.00	-37.371	27	-64.370	PASS
			5850.00	-31.790	27	-58.790	PASS
			5933.75	-35.950	-27	-8.950	PASS
			24897.0	-40.021	-27	-13.020	PASS
IEEE 802.11n_20	149		5626.25	-44.178	-27	-17.180	PASS
			5640.50	-35.317	-27	-8.317	PASS
			5725.00	-24.533	27	-51.530	PASS
			5850.00	-37.266	27	-64.270	PASS
			5960.38	-36.183	-27	-9.183	PASS
			24935.6	-40.083	-27	-13.080	PASS
	157		5608.62	-36.228	-27	-9.228	PASS
			5623.87	-46.021	-27	-19.020	PASS
			5725.00	-36.551	27	-63.550	PASS
			5850.00	-36.963	27	-63.960	PASS
			5933.00	-36.426	-27	-9.426	PASS
			24890.8	-40.394	-27	-13.390	PASS
	165		4655.24	-44.162	-27	-17.160	PASS
			5623.25	-35.768	-27	-8.768	PASS
			5725.00	-38.671	27	-65.670	PASS
			5850.00	-29.356	27	-56.360	PASS
			5973.12	-36.204	-27	-9.204	PASS
			24866.5	-39.054	-27	-12.050	PASS
IEEE 802.11n_40	151		5622.12	-35.957	-27	-8.957	PASS
			5649.86	-42.283	-27	-15.280	PASS
			5725.00	-24.649	27	-51.650	PASS
			5850.00	-37.929	27	-64.930	PASS

	159	5926.25	-36.969	-27	-9.969	PASS
		24938.0	-40.054	-27	-13.050	PASS
		5592.39	-46.664	-27	-19.660	PASS
		5616.50	-36.455	-27	-9.455	PASS
		5725.00	-36.500	27	-63.500	PASS
		5850.00	-38.237	27	-65.240	PASS
		5924.75	-36.336	-26.815	-9.521	PASS
		24857.9	-40.019	-27	-13.020	PASS
IEEE 802.11ac_20	149	5619.65	-45.032	-27	-18.030	PASS
		5647.62	-36.135	-27	-9.135	PASS
		5725.00	-27.054	27	-54.050	PASS
		5850.00	-37.189	27	-64.190	PASS
		5930.75	-36.425	-27	-9.425	PASS
		24987.6	-39.409	-27	-12.410	PASS
	157	5625.55	-46.640	-27	-19.640	PASS
		5645.38	-36.239	-27	-9.239	PASS
		5725.00	-37.619	27	-64.620	PASS
		5850.00	-38.318	27	-65.320	PASS
		5975.00	-36.877	-27	-9.877	PASS
		24953.7	-40.073	-27	-13.070	PASS
	165	4662.26	-42.374	-27	-15.370	PASS
		5636.75	-36.242	-27	-9.242	PASS
		5725.00	-37.811	27	-64.810	PASS
		5850.00	-29.009	27	-56.010	PASS
		5927.00	-37.224	-27	-10.224	PASS
		24949.0	-40.123	-27	-13.120	PASS
IEEE 802.11ac_40	151	5598.15	-43.839	-27	-16.840	PASS
		5604.12	-36.403	-27	-9.403	PASS
		5725.00	-22.518	27	-49.520	PASS
		5850.00	-36.673	27	-63.670	PASS
		5972.38	-36.438	-27	-9.438	PASS
		24988.6	-39.992	-27	-12.990	PASS
	159	5588.74	-45.563	-27	-18.560	PASS
		5640.50	-36.734	-27	-9.734	PASS
		5725.00	-37.241	27	-64.240	PASS
		5850.00	-37.509	27	-64.510	PASS
		5959.62	-35.547	-27	-8.547	PASS
		24971.4	-39.058	-27	-12.060	PASS
IEEE 802.11ac_80	155	5605.60	-45.707	-27	-18.710	PASS
		5649.88	-36.317	-27	-9.317	PASS
		5725.00	-35.688	27	-62.690	PASS
		5850.00	-37.511	27	-64.510	PASS
		5955.50	-36.373	-27	-9.373	PASS
		24894.6	-39.488	-27	-12.490	PASS



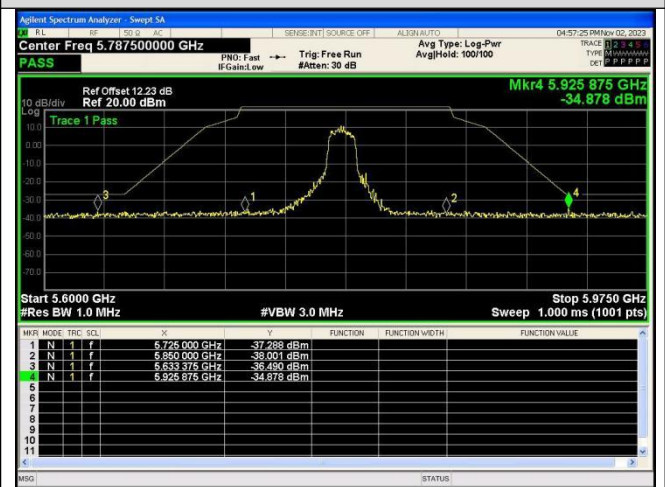
Out Of Band Emission
IEEE 802.11a_Channel 149_20MHz_Antenna 0



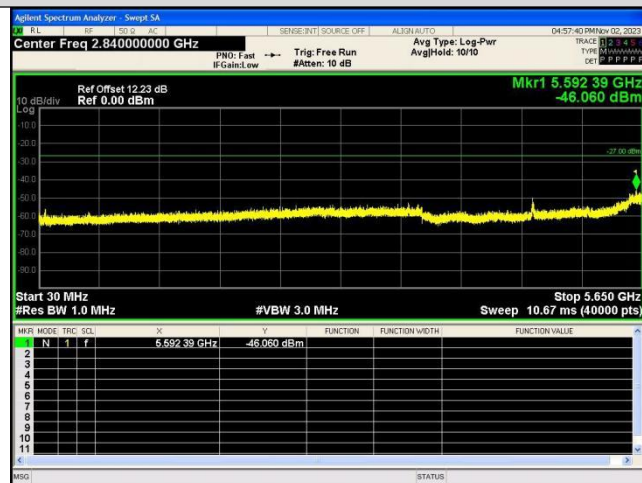
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IEEE 802.11a_Channel 149_20MHz_Antenna 0



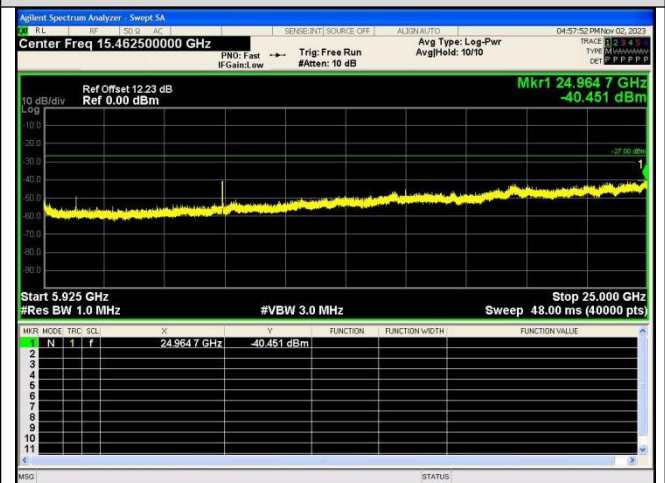
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Out Of Band Emission
IEEE 802.11a_Channel 157_20MHz_Antenna 0



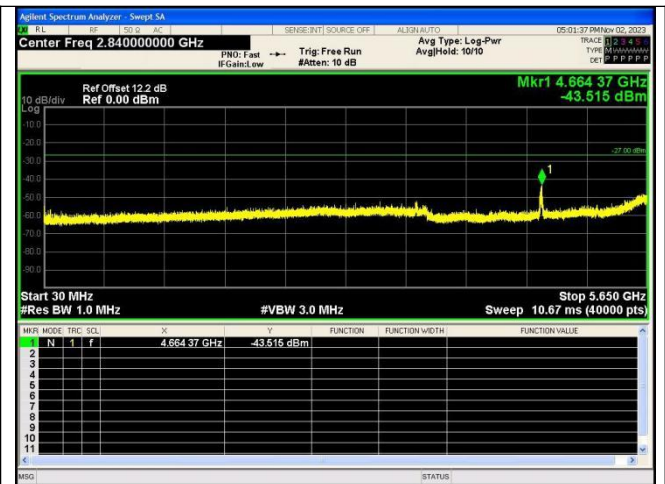
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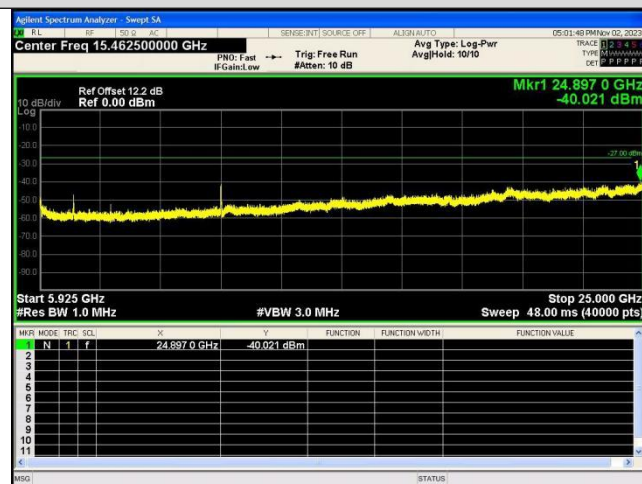
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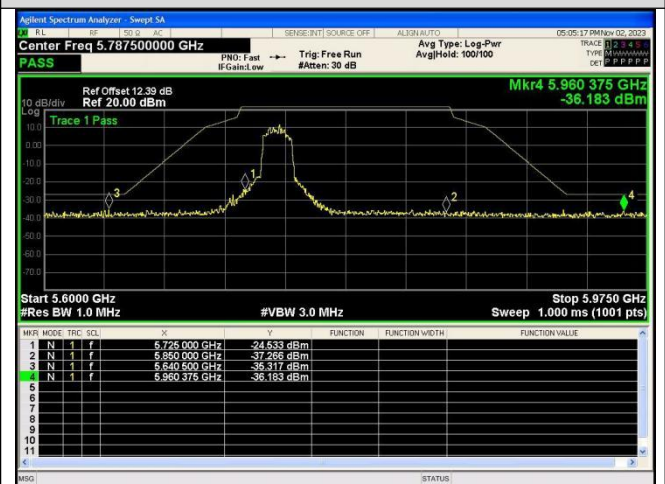
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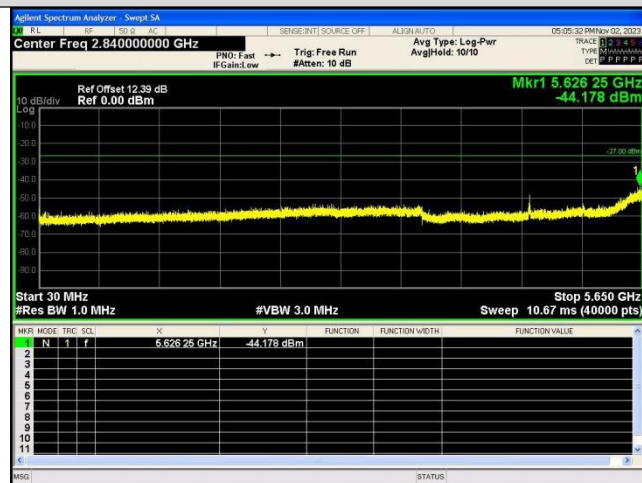
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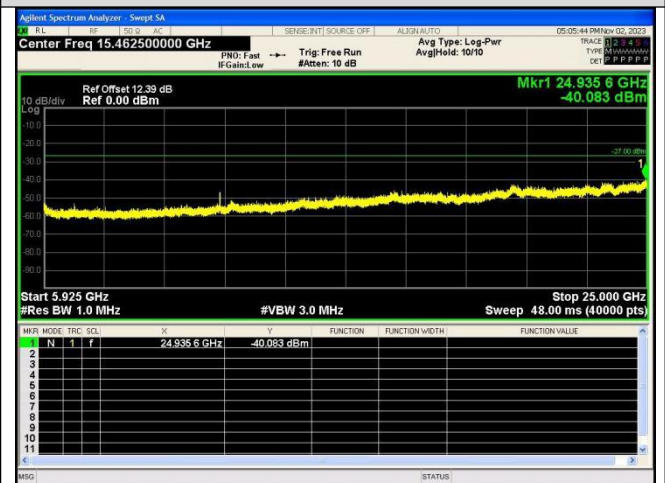
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Out Of Band Emission
IEEE 802.11n_Channel 149_20MHz_Antenna 0



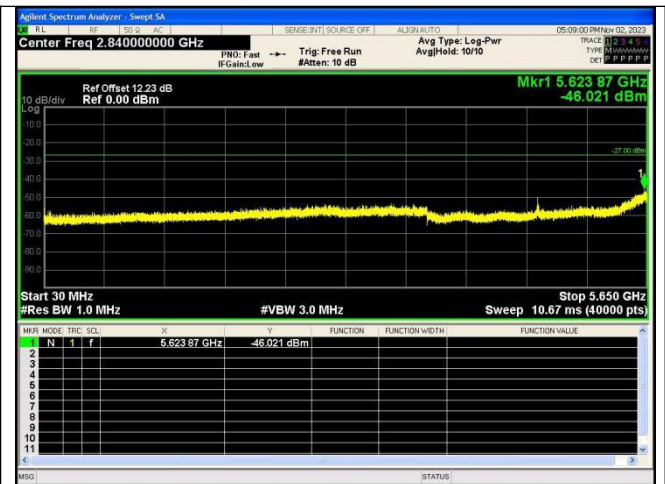
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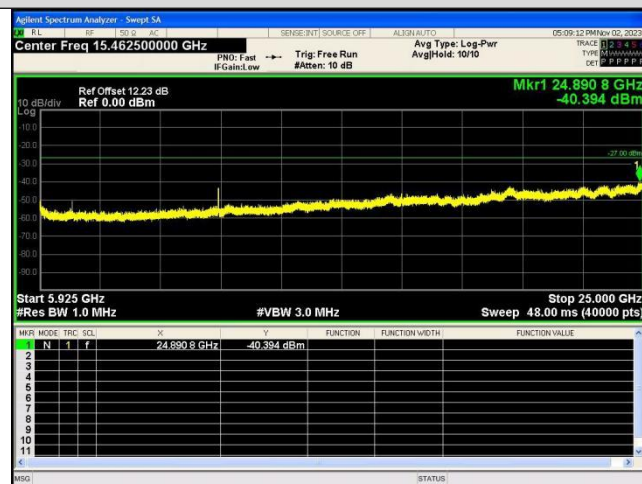
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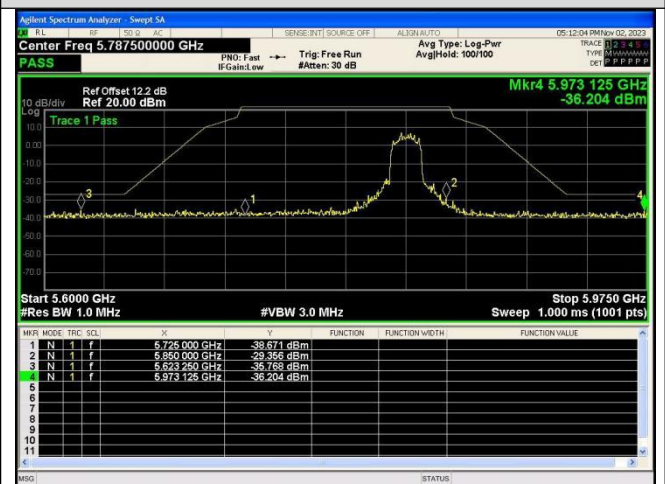
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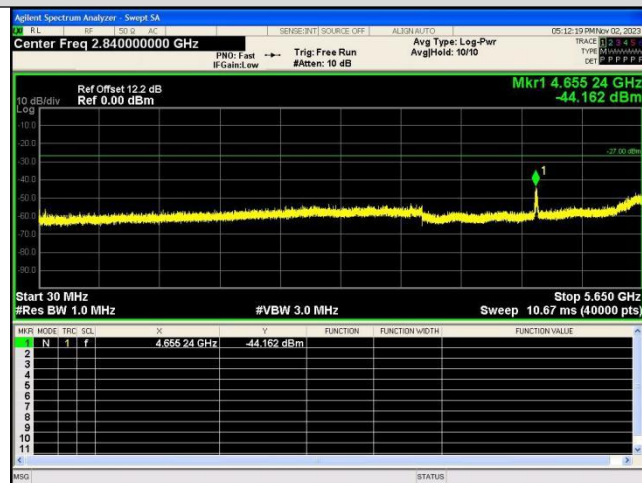
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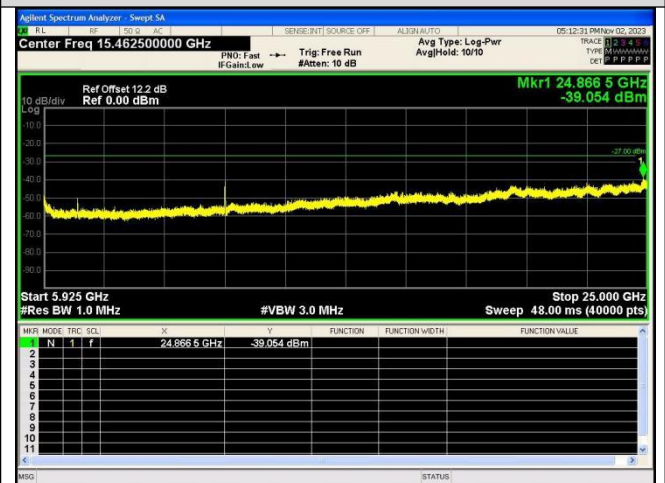
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IEEE 802.11n_Channel 157_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11n_Channel 165_20MHz_Antenna 0



Spurious Emission:30.0~5650 MHz
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