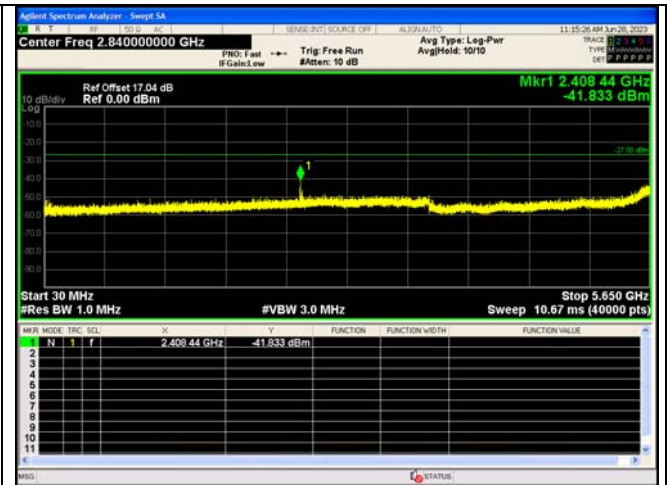


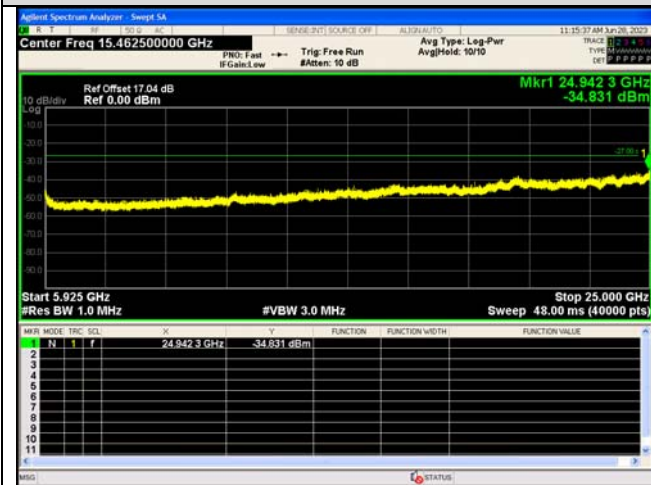
Out Of Band Emission

IEEE 802.11ac\_Channel 165\_20MHz\_Antenna 0



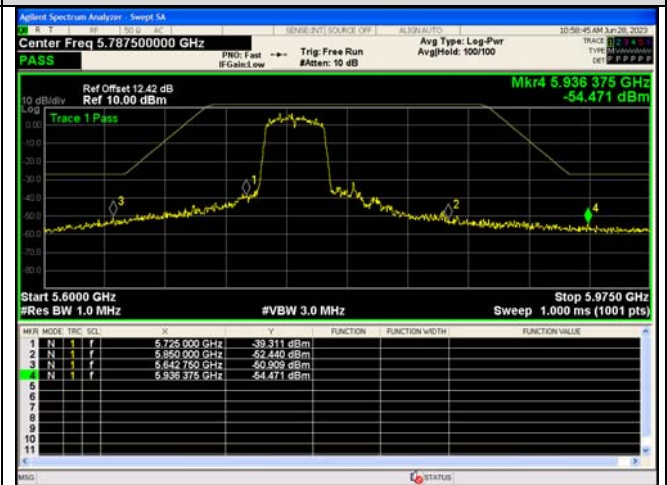
Spurious Emission:30.0~5650 MHz

IEEE 802.11ac\_Channel 165\_20MHz\_Antenna 0



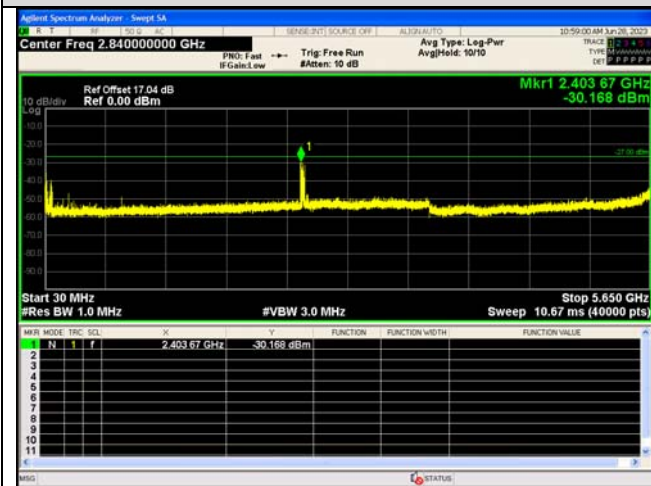
Spurious Emission:5925~25000.0 MHz

IEEE 802.11ac\_Channel 165\_20MHz\_Antenna 0



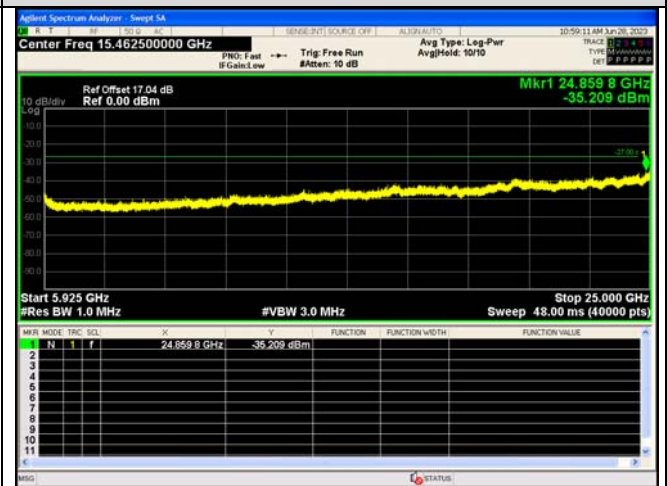
Out Of Band Emission

IEEE 802.11ac\_Channel 151\_40MHz\_Antenna 0



Spurious Emission:30.0~5650 MHz

IEEE 802.11ac\_Channel 151\_40MHz\_Antenna 0

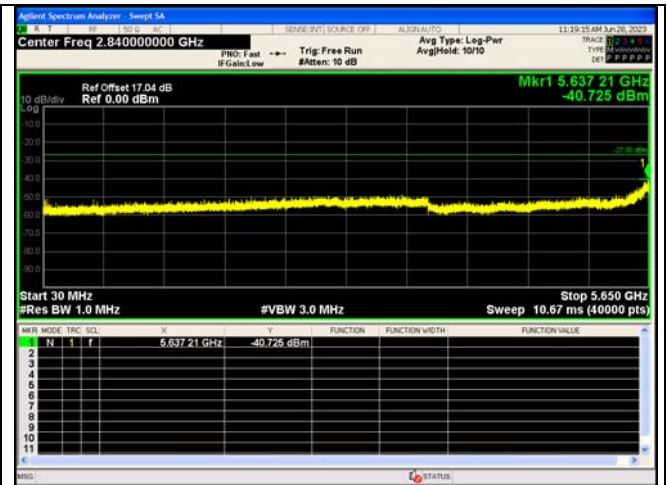


Spurious Emission:5925~25000.0 MHz

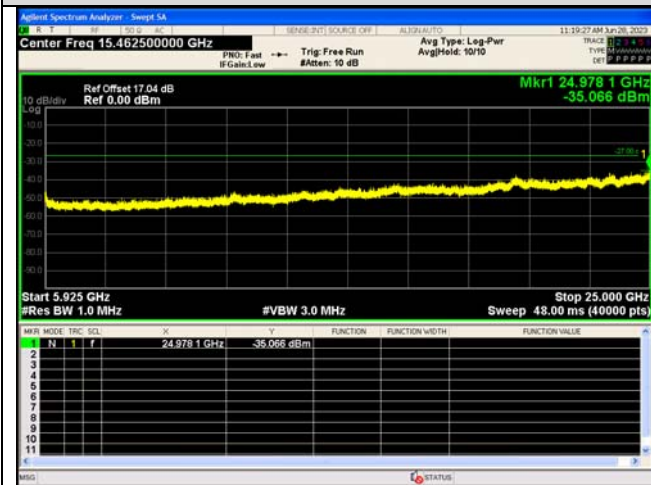
IEEE 802.11ac\_Channel 151\_40MHz\_Antenna 0



Out Of Band Emission  
 IEEE 802.11ac\_Channel 159\_40MHz\_Antenna 0



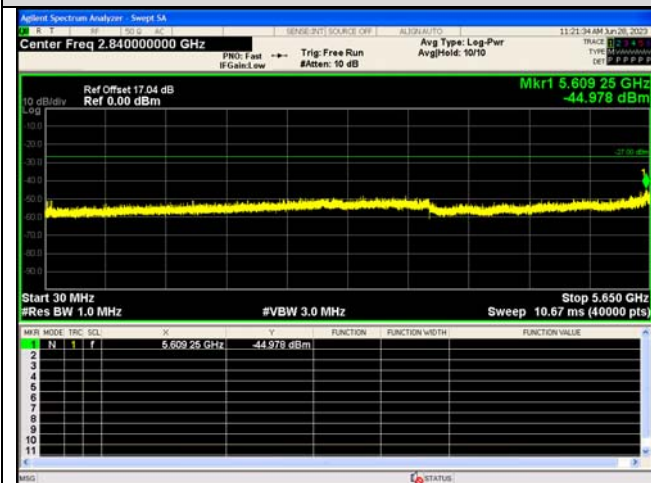
Spurious Emission:30.0~5650 MHz  
 IEEE 802.11ac\_Channel 159\_40MHz\_Antenna 0



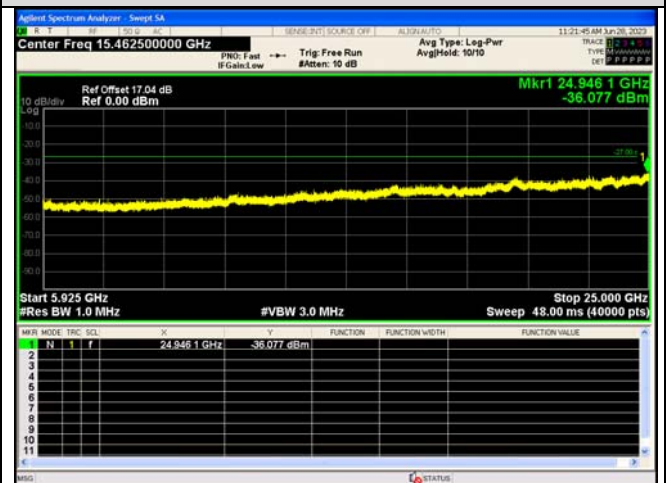
Spurious Emission:5925~25000.0 MHz  
 IEEE 802.11ac\_Channel 159\_40MHz\_Antenna 0



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

**Test Result**

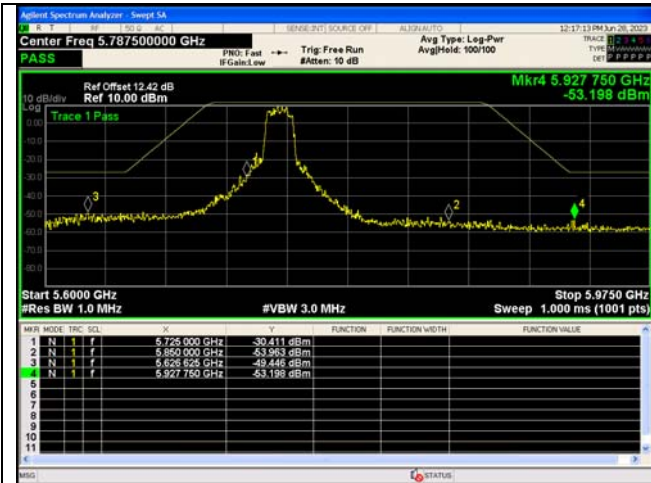
Antenna B:

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	149	0	5626.62	-49.447	-27	-22.447	PASS
			5636.79	-41.397	-27	-14.400	PASS
			5725.00	-30.411	27	-57.410	PASS
			5850.00	-53.963	27	-80.960	PASS
			5927.75	-53.198	-27	-26.198	PASS
			24959.0	-35.343	-27	-8.340	PASS
	157		5640.50	-48.073	-27	-21.073	PASS
			5645.93	-40.426	-27	-13.430	PASS
			5725.00	-47.237	27	-74.240	PASS
			5850.00	-53.593	27	-80.590	PASS
			5926.25	-52.127	-27	-25.127	PASS
			24909.4	-34.599	-27	-7.600	PASS
	165		2446.66	-29.460	-27	-2.460	PASS
			5643.88	-51.547	-27	-24.547	PASS
			5725.00	-52.129	27	-79.130	PASS
			5850.00	-47.153	27	-74.150	PASS
			5932.25	-51.286	-27	-24.286	PASS
			24958.0	-34.906	-27	-7.910	PASS
IEEE 802.11n_20	149	2405.35	-28.940	-27	-1.940	PASS	
		5647.62	-51.204	-27	-24.204	PASS	
		5725.00	-42.136	27	-69.140	PASS	
		5850.00	-52.837	27	-79.840	PASS	
		5938.25	-54.184	-27	-27.184	PASS	
		24938.0	-35.113	-27	-8.110	PASS	
	157	2415.47	-32.042	-27	-5.040	PASS	
		5640.50	-52.663	-27	-25.663	PASS	
		5725.00	-49.941	27	-76.940	PASS	
		5850.00	-51.077	27	-78.080	PASS	
		5927.38	-53.500	-27	-26.500	PASS	
		24900.3	-34.812	-27	-7.810	PASS	
	165	4664.23	-37.588	-27	-10.590	PASS	
		5636.75	-47.243	-27	-20.243	PASS	
		5725.00	-49.891	27	-76.890	PASS	
		5850.00	-37.350	27	-64.350	PASS	
		5921.00	-49.586	-24.04	-25.546	PASS	
		24920.8	-34.814	-27	-7.810	PASS	
IEEE 802.11n_40	151	2456.50	-29.700	-27	-2.700	PASS	
		5648.75	-51.216	-27	-24.216	PASS	
		5725.00	-37.767	27	-64.770	PASS	

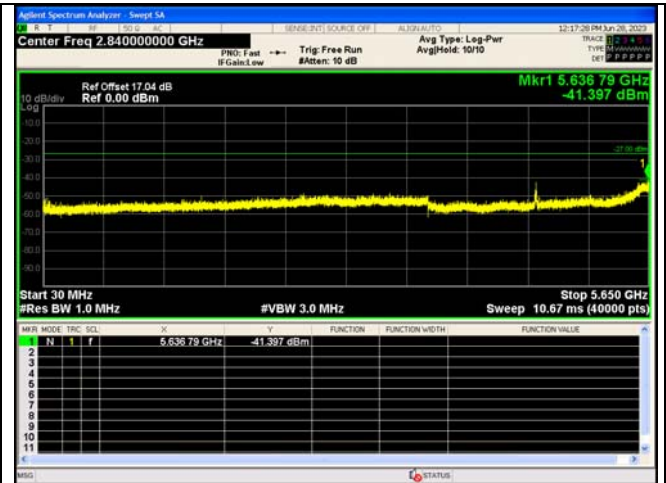
	159	5850.00	-51.931	27	-78.930	PASS	
		5948.00	-54.426	-27	-27.426	PASS	
		24534.1	-36.224	-27	-9.220	PASS	
		2439.49	-29.942	-27	-2.940	PASS	
		5647.25	-52.570	-27	-25.570	PASS	
		5725.00	-48.940	27	-75.940	PASS	
		5850.00	-46.860	27	-73.860	PASS	
		5922.88	-49.472	-25.4275	-24.044	PASS	
		24897.9	-35.896	-27	-8.900	PASS	
		IEEE 802.11ac_20	149	2475.46	-35.793	-27	-8.790
5649.12	-49.996			-27	-22.996	PASS	
5725.00	-43.432			27	-70.430	PASS	
5850.00	-53.516			27	-80.520	PASS	
5939.75	-54.775			-27	-27.775	PASS	
157	24908.0		-35.451	-27	-8.450	PASS	
	2461.13		-29.147	-27	-2.150	PASS	
	5648.38		-53.442	-27	-26.442	PASS	
	5725.00		-50.386	27	-77.390	PASS	
	5850.00		-54.080	27	-81.080	PASS	
	5948.38		-53.628	-27	-26.628	PASS	
	24879.8		-35.356	-27	-8.360	PASS	
	165		2445.40	-30.180	-27	-3.180	PASS
			5643.12	-53.043	-27	-26.043	PASS
			5725.00	-51.440	27	-78.440	PASS
5850.00		-47.894	27	-74.890	PASS		
5927.75		-49.361	-27	-22.361	PASS		
IEEE 802.11ac_40	151	24903.7	-34.758	-27	-7.760	PASS	
		2461.27	-28.293	-27	-1.290	PASS	
		5634.50	-50.886	-27	-23.886	PASS	
		5725.00	-40.745	27	-67.750	PASS	
		5850.00	-54.267	27	-81.270	PASS	
	159	5927.00	-55.239	-27	-28.239	PASS	
		24964.2	-35.073	-27	-8.070	PASS	
		2435.28	-34.071	-27	-7.070	PASS	
		5647.25	-52.883	-27	-25.883	PASS	
		5725.00	-49.304	27	-76.300	PASS	
IEEE 802.11ac_80	155	5850.00	-48.907	27	-75.910	PASS	
		5953.25	-53.096	-27	-26.096	PASS	
		24953.3	-35.773	-27	-8.770	PASS	
		2470.83	-28.225	-27	-1.230	PASS	
		5641.62	-47.846	-27	-20.846	PASS	
		5725.00	-43.971	27	-70.970	PASS	
5850.00	-42.252	27	-69.250	PASS			
5934.12	-51.786	-27	-24.786	PASS			
24908.0	-35.437	-27	-8.440	PASS			



Test Graphs



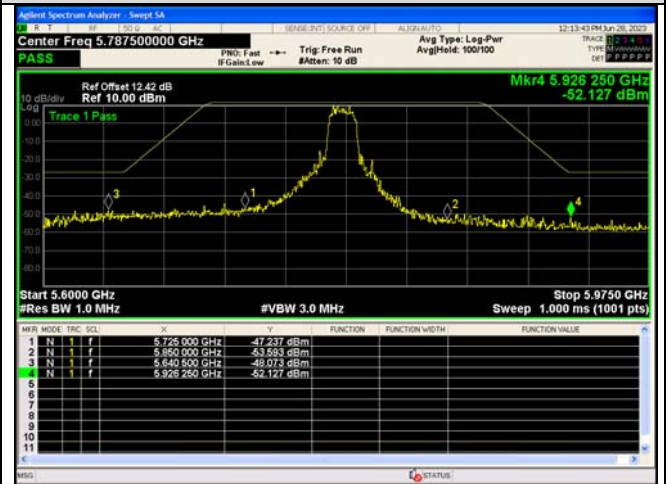
Out Of Band Emission  
 IEE 802.11a\_Channel 149\_20MHz\_Antenna 0



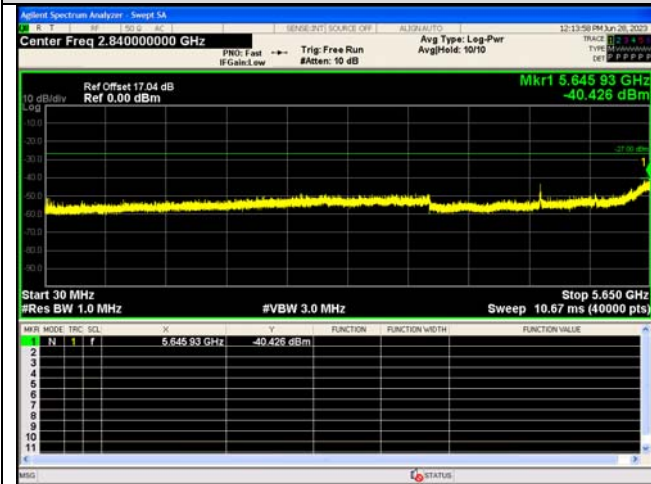
Spurious Emission:30.0~5650 MHz  
 IEE 802.11a\_Channel 149\_20MHz\_Antenna 0



Spurious Emission:5925~25000.0 MHz  
 IEE 802.11a\_Channel 149\_20MHz\_Antenna 0



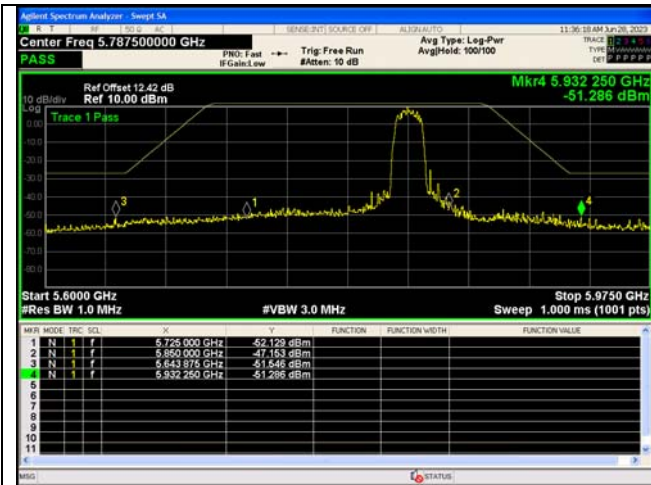
Out Of Band Emission  
 IEE 802.11a\_Channel 157\_20MHz\_Antenna 0



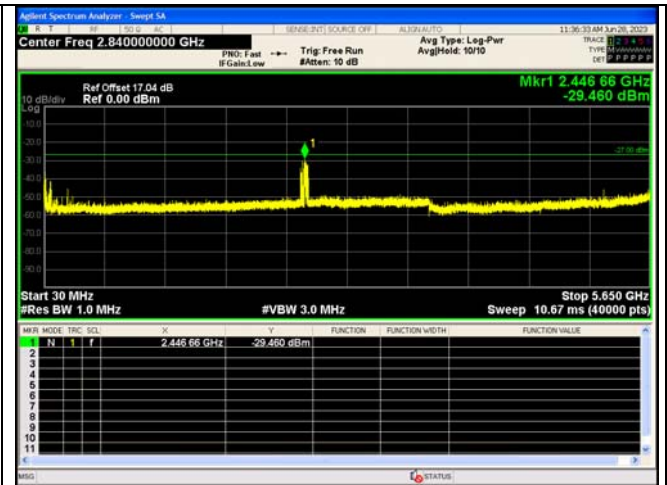
Spurious Emission:30.0~5650 MHz  
 IEE 802.11a\_Channel 157\_20MHz\_Antenna 0



Spurious Emission:5925~25000.0 MHz  
 IEE 802.11a\_Channel 157\_20MHz\_Antenna 0



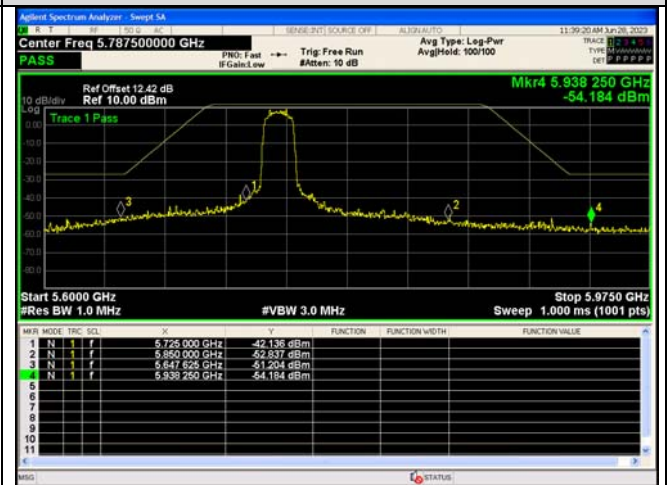
**Out Of Band Emission**  
IEEE 802.11a\_Channel 165\_20MHz\_Antenna 0



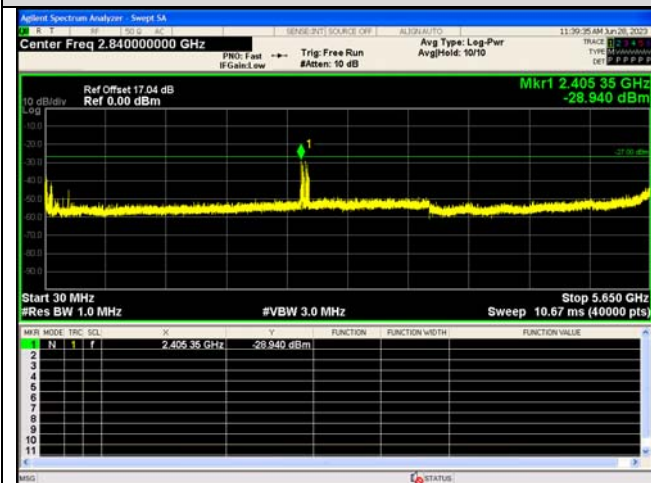
**Spurious Emission:30.0~5650 MHz**  
IEEE 802.11a\_Channel 165\_20MHz\_Antenna 0



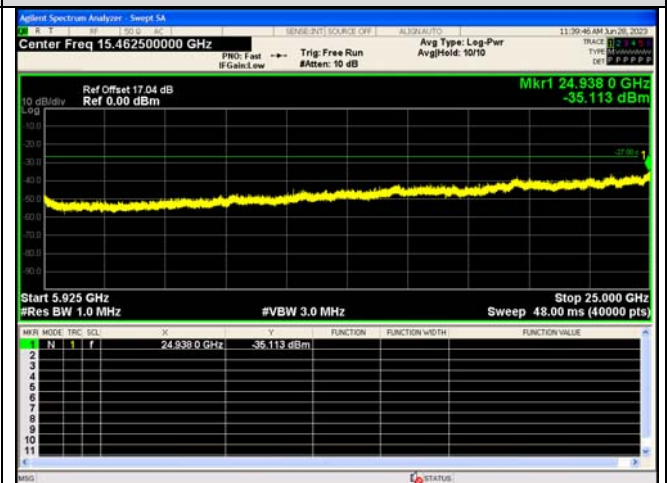
**Spurious Emission:5925~25000.0 MHz**  
IEEE 802.11a\_Channel 165\_20MHz\_Antenna 0



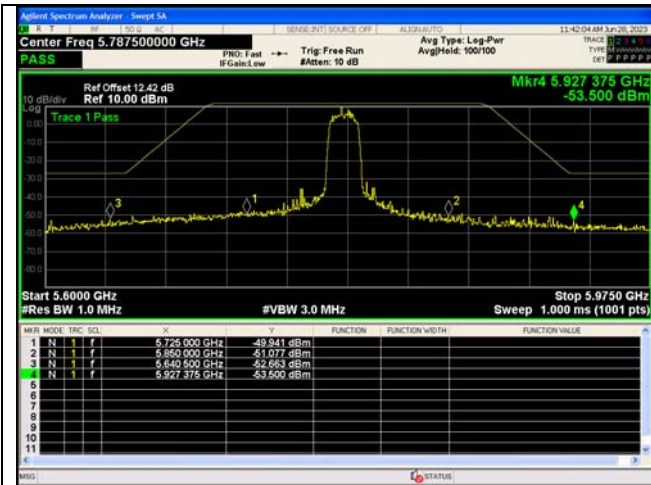
**Out Of Band Emission**  
IEEE 802.11n\_Channel 149\_20MHz\_Antenna 0



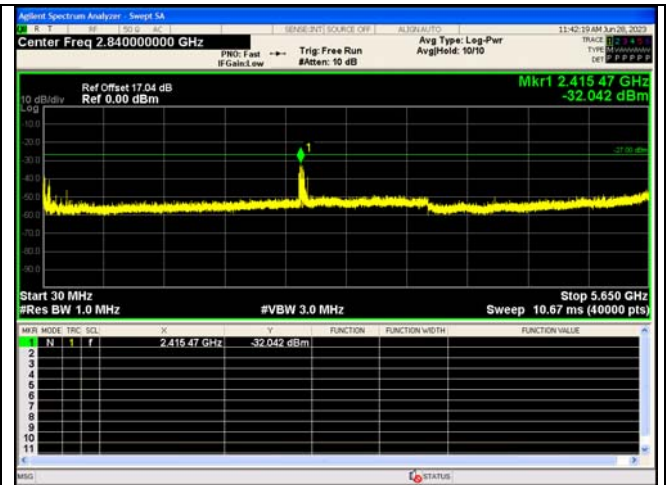
**Spurious Emission:30.0~5650 MHz**  
IEEE 802.11n\_Channel 149\_20MHz\_Antenna 0



**Spurious Emission:5925~25000.0 MHz**  
IEEE 802.11n\_Channel 149\_20MHz\_Antenna 0



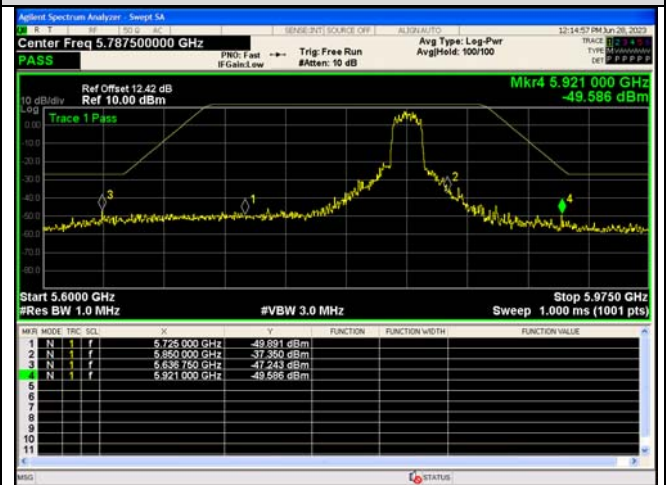
**Out Of Band Emission**  
IEEE 802.11n\_Channel 157\_20MHz\_Antenna 0



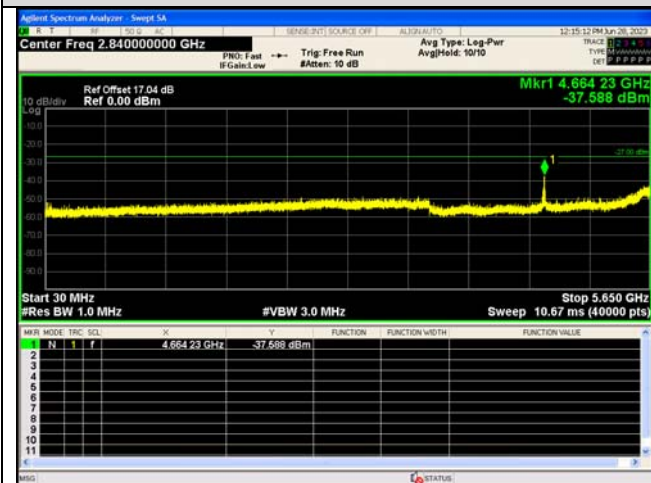
**Spurious Emission:30.0~5650 MHz**  
IEEE 802.11n\_Channel 157\_20MHz\_Antenna 0



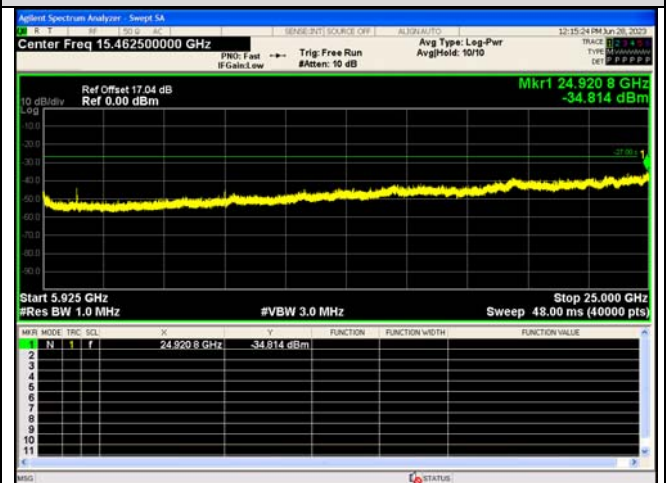
**Spurious Emission:5925~25000.0 MHz**  
IEEE 802.11n\_Channel 157\_20MHz\_Antenna 0



**Out Of Band Emission**  
IEEE 802.11n\_Channel 165\_20MHz\_Antenna 0

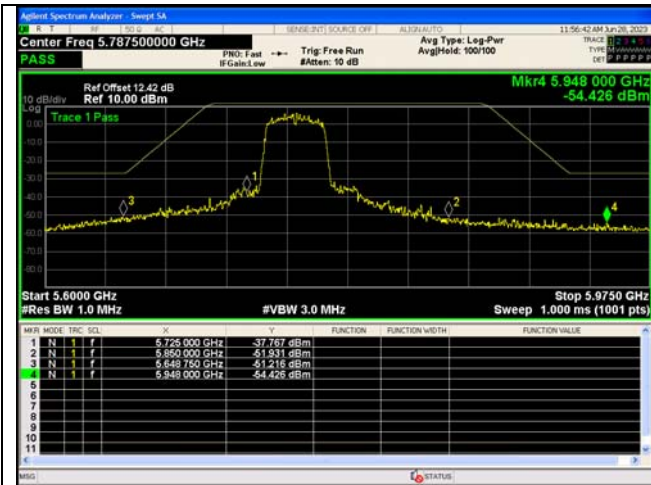


**Spurious Emission:30.0~5650 MHz**  
IEEE 802.11n\_Channel 165\_20MHz\_Antenna 0

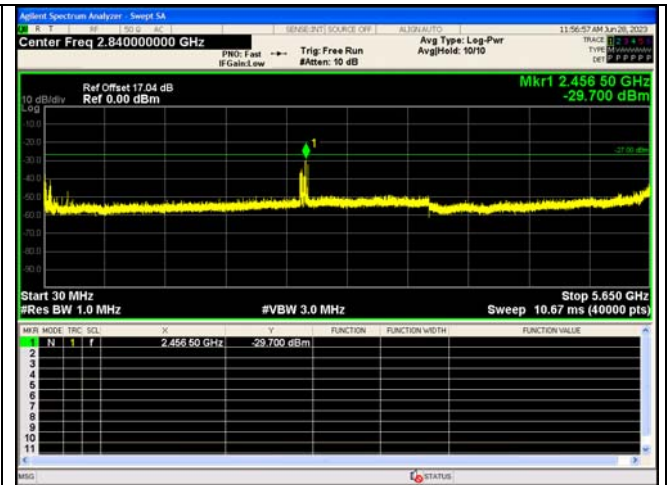


**Spurious Emission:5925~25000.0 MHz**  
IEEE 802.11n\_Channel 165\_20MHz\_Antenna 0





**Out Of Band Emission**  
IEEE 802.11n\_Channel 151\_40MHz\_Antenna 0



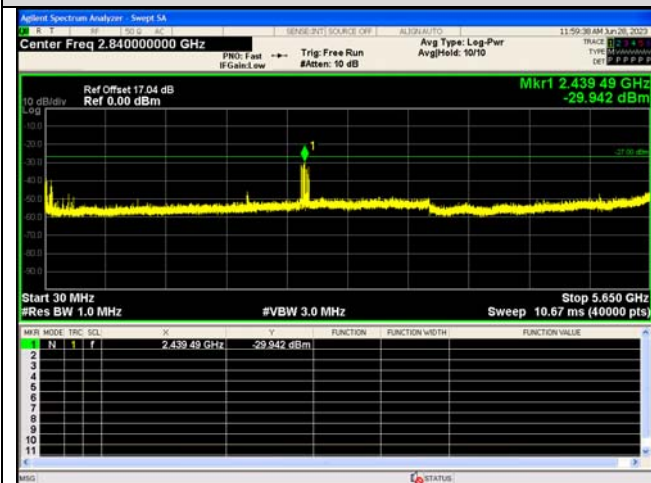
**Spurious Emission:30.0~5650 MHz**  
IEEE 802.11n\_Channel 151\_40MHz\_Antenna 0



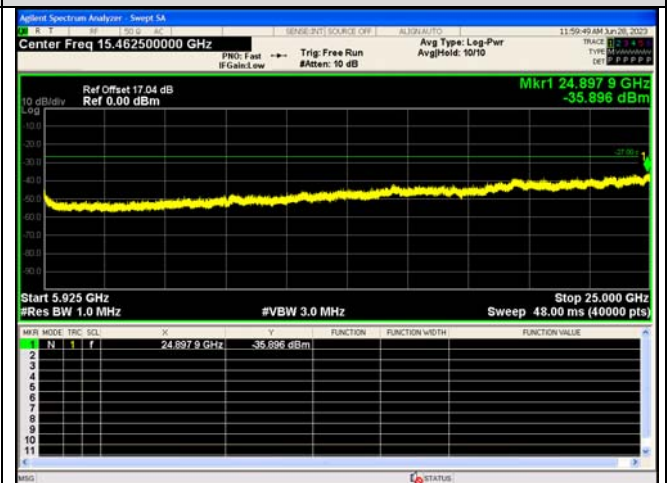
**Spurious Emission:5925~25000.0 MHz**  
IEEE 802.11n\_Channel 151\_40MHz\_Antenna 0



**Out Of Band Emission**  
IEEE 802.11n\_Channel 159\_40MHz\_Antenna 0

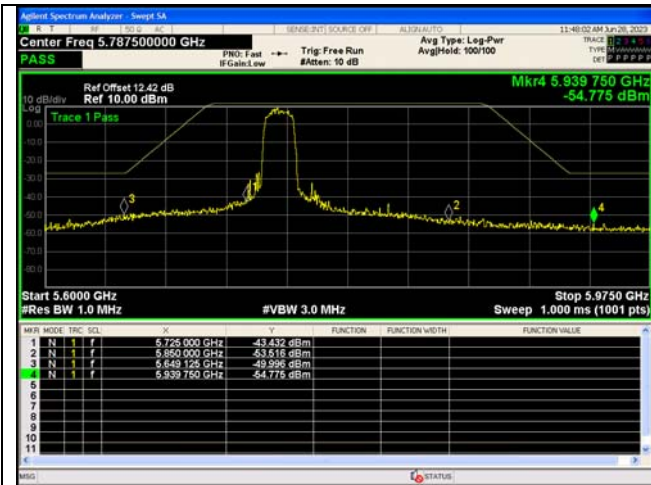


**Spurious Emission:30.0~5650 MHz**  
IEEE 802.11n\_Channel 159\_40MHz\_Antenna 0

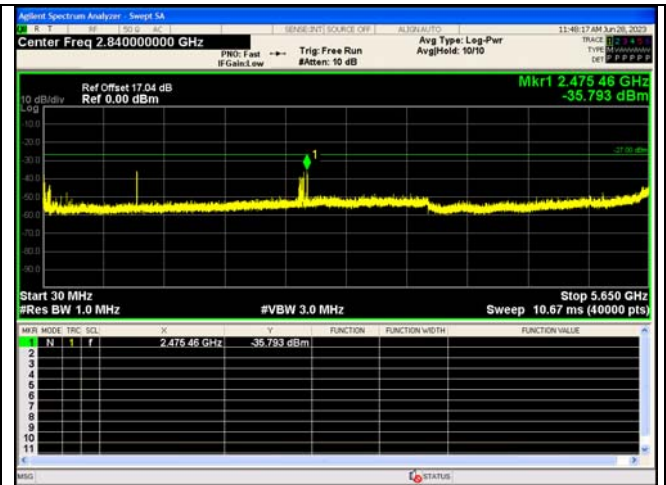


**Spurious Emission:5925~25000.0 MHz**  
IEEE 802.11n\_Channel 159\_40MHz\_Antenna 0

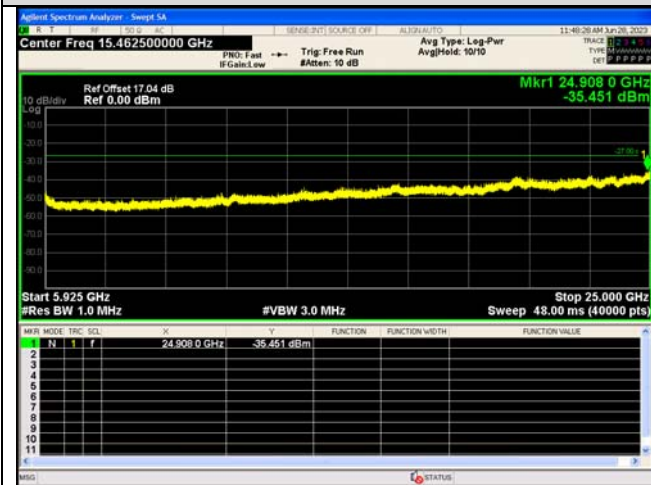




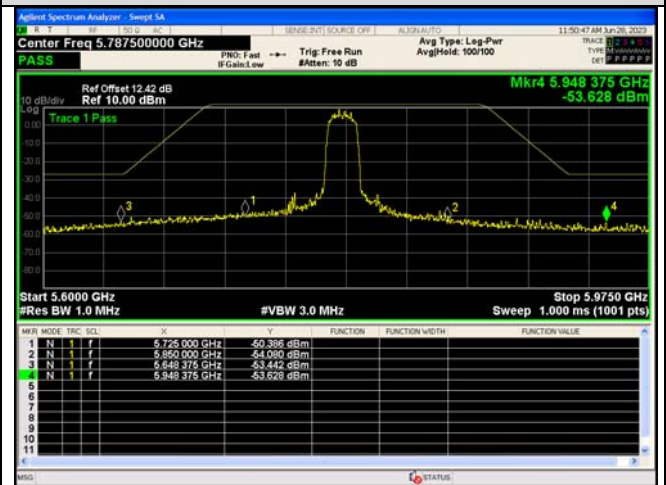
**Out Of Band Emission**  
IEEE 802.11ac\_Channel 149\_20MHz\_Antenna 0



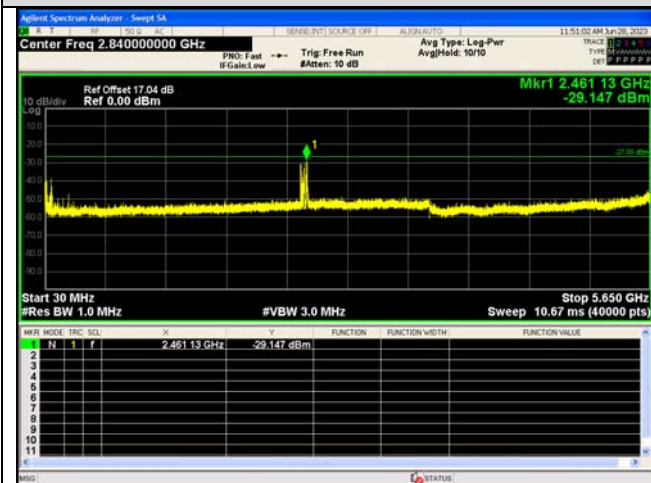
**Spurious Emission:30.0~5650 MHz**  
IEEE 802.11ac\_Channel 149\_20MHz\_Antenna 0



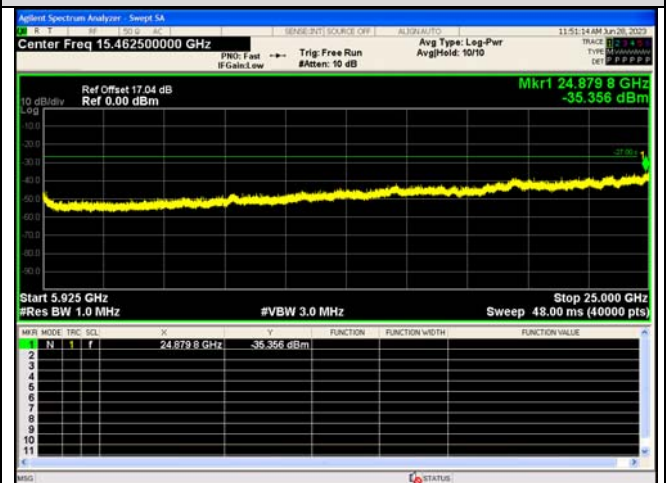
**Spurious Emission:5925~25000.0 MHz**  
IEEE 802.11ac\_Channel 149\_20MHz\_Antenna 0



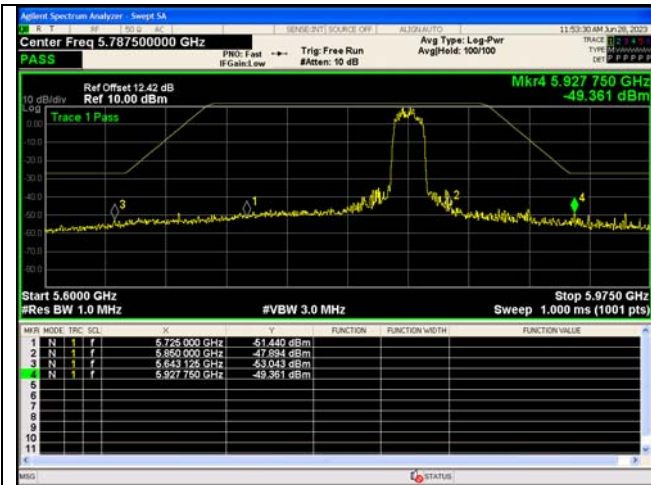
**Out Of Band Emission**  
IEEE 802.11ac\_Channel 157\_20MHz\_Antenna 0



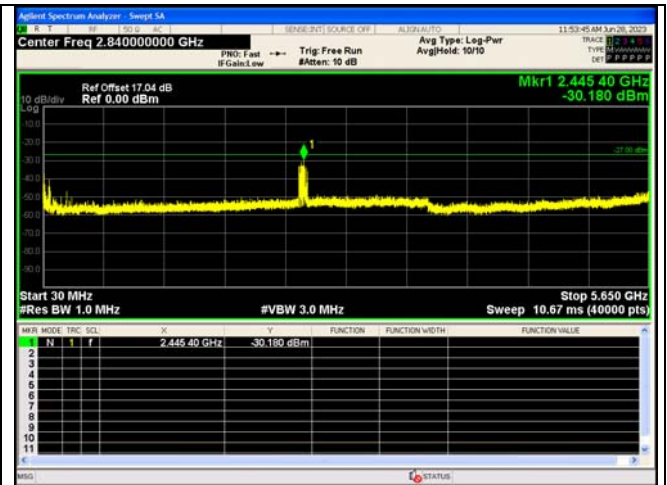
**Spurious Emission:30.0~5650 MHz**  
IEEE 802.11ac\_Channel 157\_20MHz\_Antenna 0



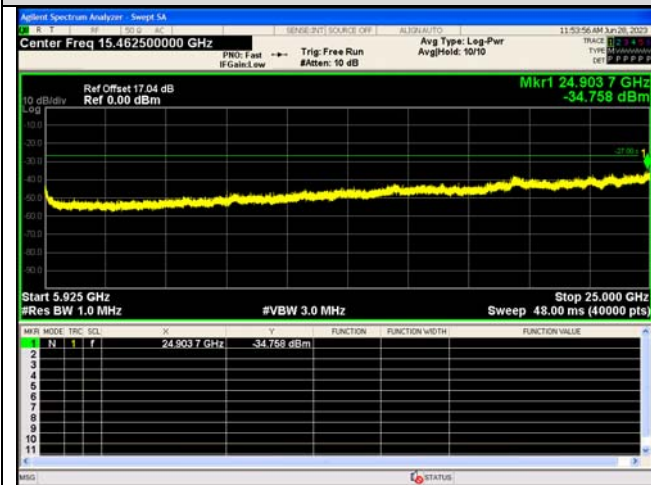
**Spurious Emission:5925~25000.0 MHz**  
IEEE 802.11ac\_Channel 157\_20MHz\_Antenna 0



**Out Of Band Emission**  
IEEE 802.11ac\_Channel 165\_20MHz\_Antenna 0



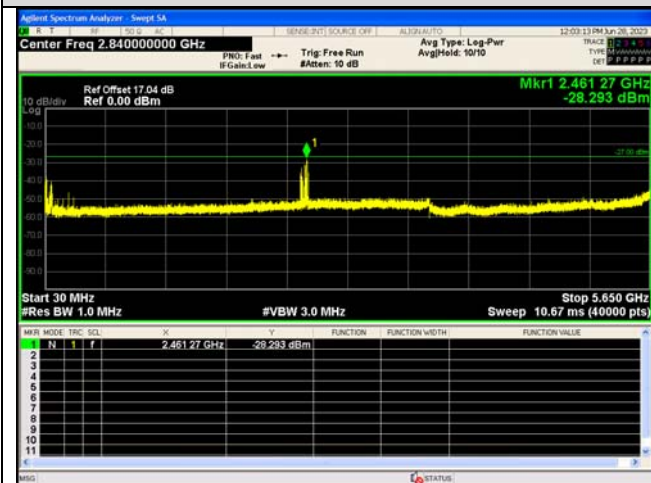
**Spurious Emission:30.0~5650 MHz**  
IEEE 802.11ac\_Channel 165\_20MHz\_Antenna 0



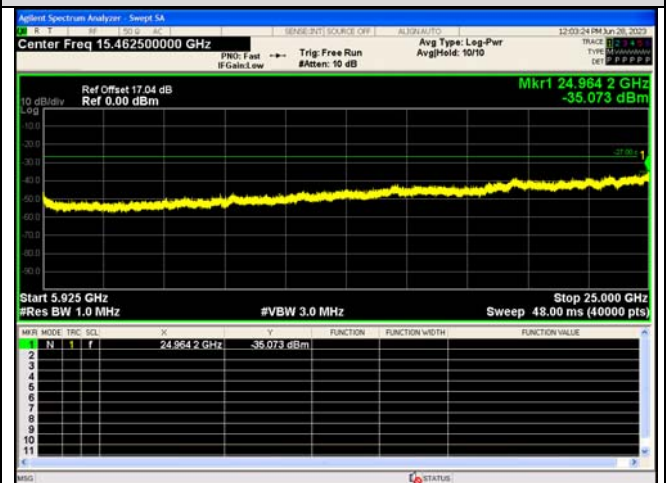
**Spurious Emission:5925~25000.0 MHz**  
IEEE 802.11ac\_Channel 165\_20MHz\_Antenna 0



**Out Of Band Emission**  
IEEE 802.11ac\_Channel 151\_40MHz\_Antenna 0



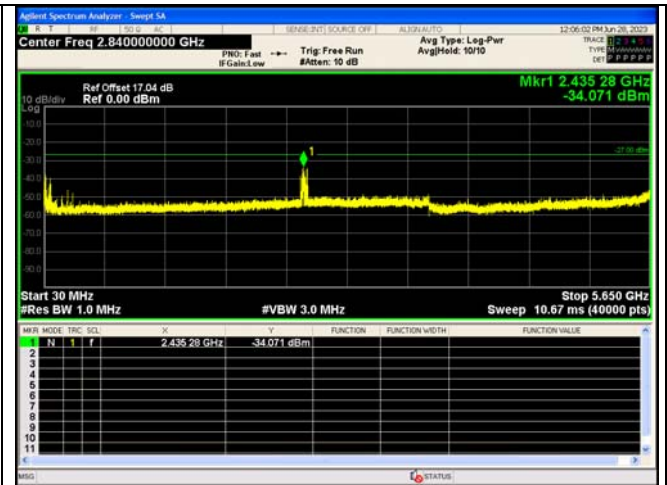
**Spurious Emission:30.0~5650 MHz**  
IEEE 802.11ac\_Channel 151\_40MHz\_Antenna 0



**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



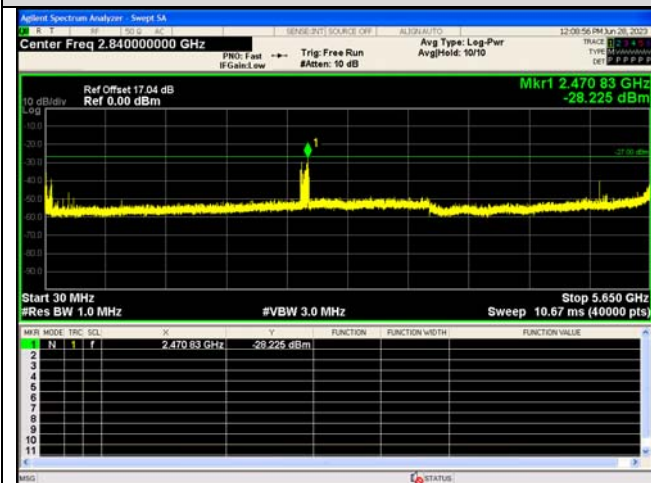
**Spurious Emission:30.0~5650 MHz**  
IEEE 802.11ac\_Channel 159\_40MHz\_Antenna 0



**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

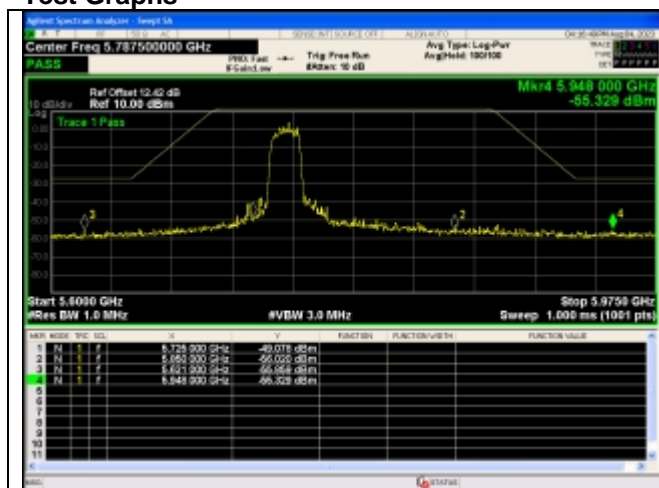
Antenna A+ Antenna B:  
Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11n_20	149	0	2408.72	-27.706	-27	-0.710	PASS
			5621.00	-55.858	-27	-28.858	PASS
			5725.00	-49.078	27	-76.080	PASS
			5850.00	-56.020	27	-83.020	PASS
			5948.00	-55.329	-27	-28.329	PASS
			24942.3	-34.270	-27	-7.270	PASS
	157		2409.29	-30.297	-27	-3.300	PASS
			5637.50	-55.611	-27	-28.611	PASS
			5725.00	-53.702	27	-80.700	PASS
			5850.00	-55.613	27	-82.610	PASS
			5936.38	-55.390	-27	-28.390	PASS
			24911.3	-35.428	-27	-8.430	PASS
	165		2403.81	-29.236	-27	-2.240	PASS
			5615.75	-56.534	-27	-29.534	PASS
			5725.00	-57.220	27	-84.220	PASS
			5850.00	-51.497	27	-78.500	PASS
			5956.62	-53.613	-27	-26.613	PASS
			24945.6	-34.894	-27	-7.890	PASS
IEEE 802.11n_40	151	2407.04	-43.793	-27	-16.790	PASS	
		5644.62	-56.765	-27	-29.765	PASS	
		5725.00	-38.524	27	-65.520	PASS	
		5850.00	-55.932	27	-82.930	PASS	
		5937.88	-55.973	-27	-28.973	PASS	
		24903.2	-34.940	-27	-7.940	PASS	
	159	43.91	-45.909	-27	-18.910	PASS	
		5649.88	-54.860	-27	-27.860	PASS	
		5725.00	-54.169	27	-81.170	PASS	
		5850.00	-50.012	27	-77.010	PASS	
IEEE 802.11ac_20	149	5956.25	-55.802	-27	-28.802	PASS	
		24956.1	-35.237	-27	-8.240	PASS	
		42.36	-36.338	-27	-9.340	PASS	
		5631.88	-56.647	-27	-29.647	PASS	
		5725.00	-56.498	27	-83.500	PASS	
		5850.00	-58.259	27	-85.260	PASS	
	157	5971.62	-56.364	-27	-29.364	PASS	
		24894.6	-34.631	-27	-7.630	PASS	
		43.07	-41.548	-27	-14.550	PASS	
		5647.25	-56.105	-27	-29.105	PASS	
			5725.00	-58.022	27	-85.020	PASS
			5850.00	-57.297	27	-84.300	PASS
			5932.62	-56.440	-27	-29.439	PASS



	165	24912.3	-34.765	-27	-7.770	PASS
		41.66	-41.889	-27	-14.890	PASS
		5647.25	-56.377	-27	-29.377	PASS
		5725.00	-57.302	27	-84.300	PASS
		5850.00	-52.343	27	-79.340	PASS
		5929.62	-55.913	-27	-28.913	PASS
		24915.6	-34.228	-27	-7.230	PASS
IEEE 802.11ac_40	151	45.60	-44.952	-27	-17.950	PASS
		5646.50	-56.769	-27	-29.769	PASS
		5725.00	-45.593	27	-72.590	PASS
		5850.00	-57.934	27	-84.930	PASS
		5949.50	-56.077	-27	-29.077	PASS
	159	24512.6	-35.125	-27	-8.120	PASS
		2406.48	-29.807	-27	-2.810	PASS
		5604.50	-56.182	-27	-29.182	PASS
		5725.00	-55.367	27	-82.370	PASS
		5850.00	-52.601	27	-79.600	PASS
IEEE 802.11ac_80	155	5959.25	-55.301	-27	-28.302	PASS
		24928.5	-35.299	-27	-8.300	PASS
		2404.65	-31.425	-27	-4.430	PASS
		5649.12	-56.111	-27	-29.111	PASS
		5725.00	-49.238	27	-76.240	PASS
		5850.00	-45.505	27	-72.500	PASS
		5925.12	-55.604	-27	-28.604	PASS
		24927.5	-35.463	-27	-8.460	PASS

Test Graphs



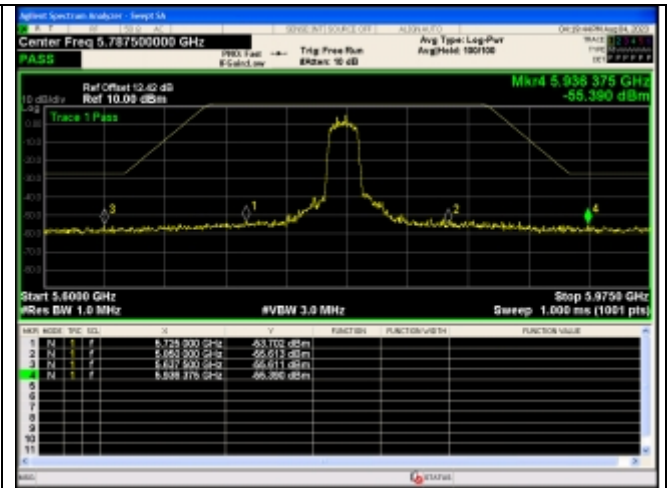
Out Of Band Emission  
IEEE 802.11n\_Channel 149\_20MHz\_Antenna 0



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



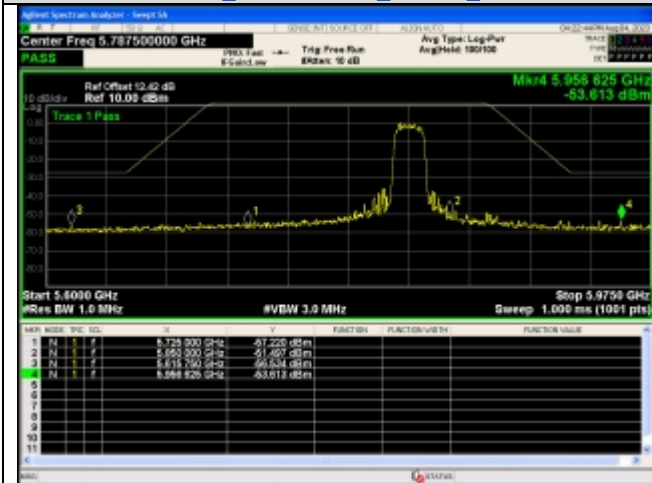
Out Of Band Emission  
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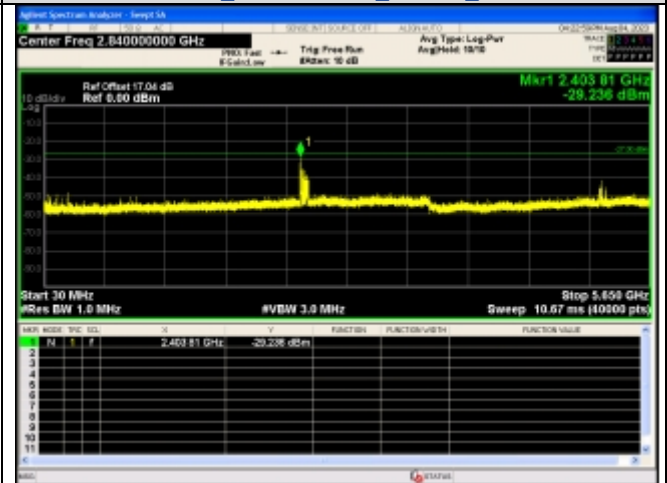
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Spurious Emission:5925~25000.0 MHz  
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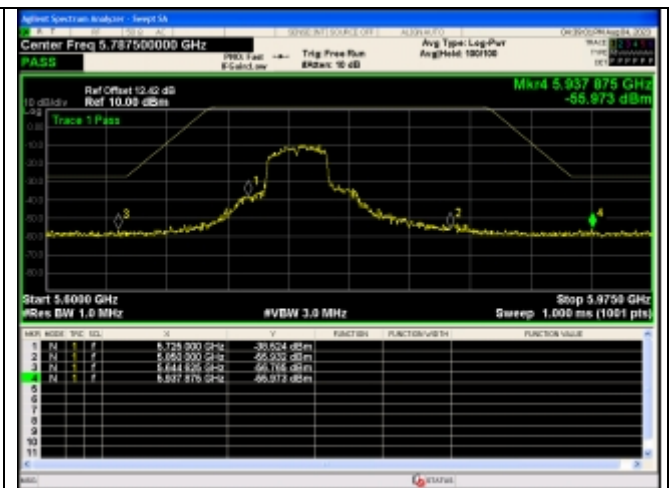
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Spurious Emission:30.0~5650 MHz  
 IEEE 802.11n Channel 165 20MHz Antenna 0



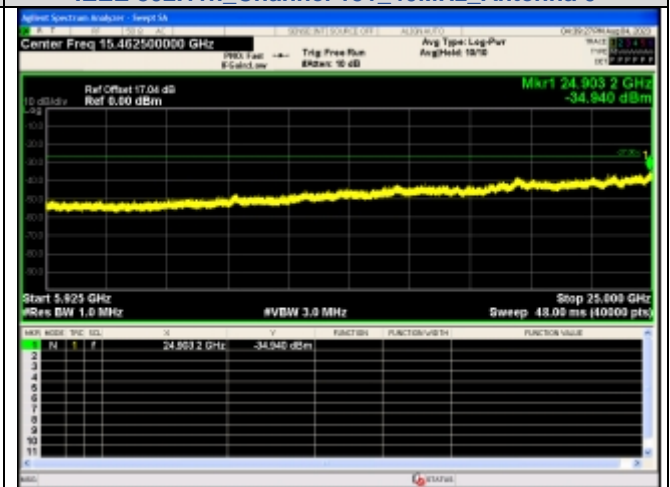
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 IEEE 802.11n Channel 165 20MHz Antenna 0



Out Of Band Emission  
 IEEE 802.11n Channel 151 40MHz Antenna 0



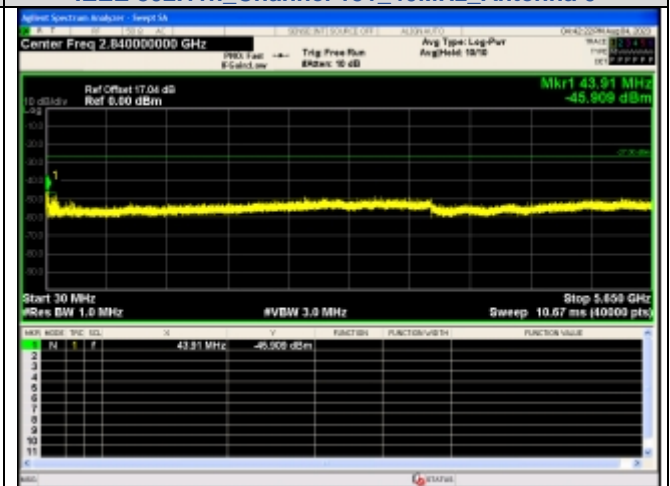
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Spurious Emission:5925~25000.0 MHz  
 IEEE 802.11n Channel 151 40MHz Antenna 0



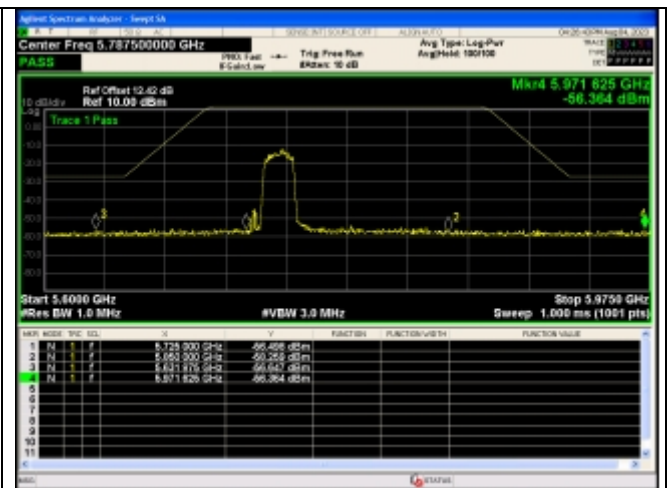
Out Of Band Emission  
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Spurious Emission:30.0~5650 MHz  
 IEEE 802.11n Channel 159 40MHz Antenna 0



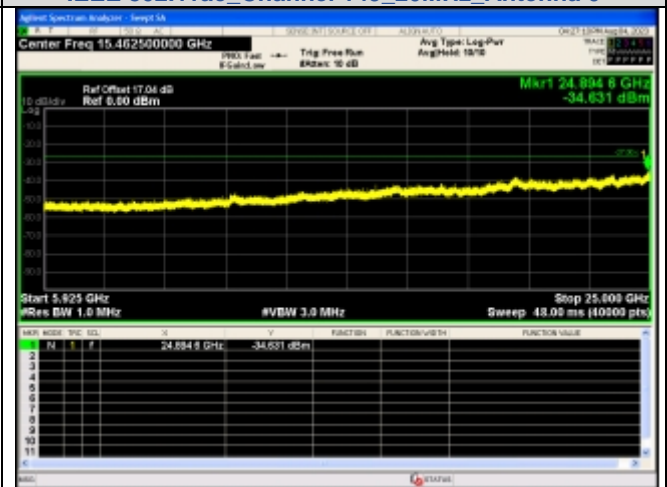
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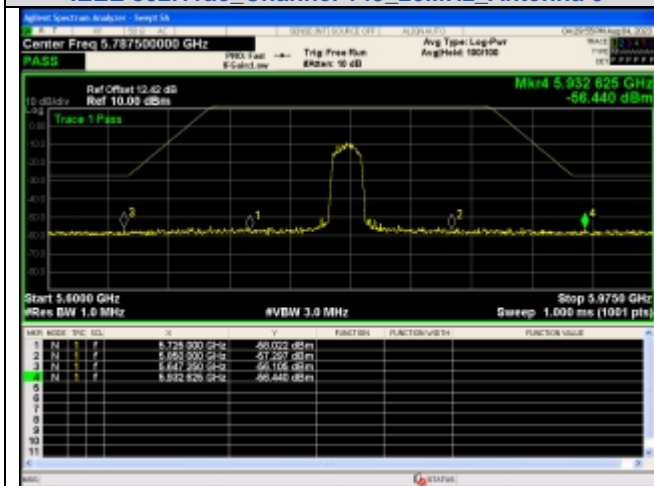
Out Of Band Emission  
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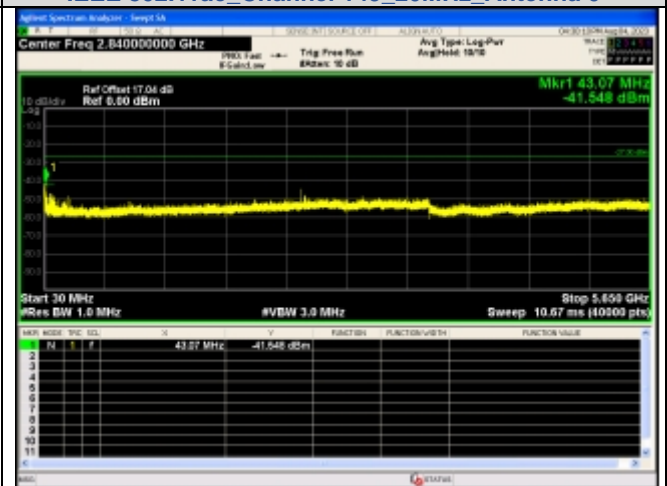
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 IEEE 802.11ac Channel 149\_20MHz Antenna 0



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