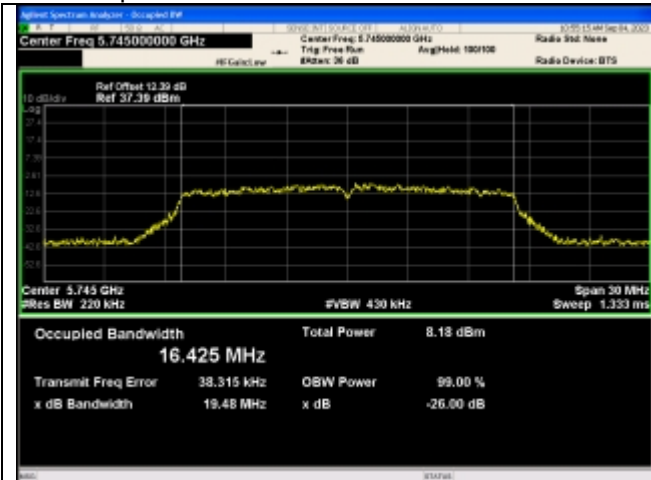
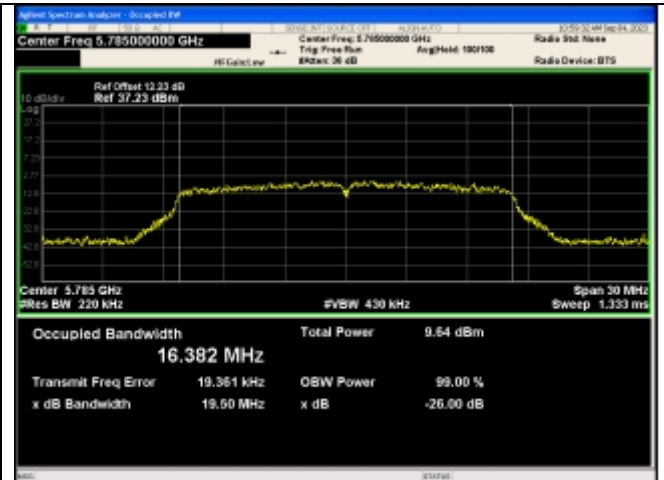


IEEE 802.11ac_40	151 159	5755 5795	40.44 40.02	1.05 1.08
IEEE 802.11ac_80	155	5775	80.52	1.03

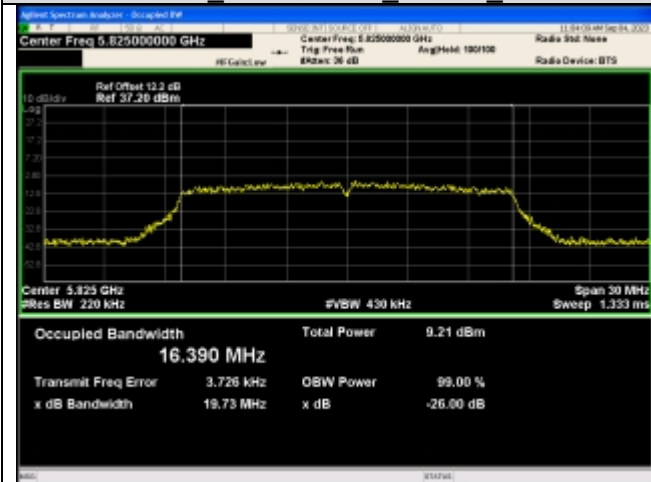
Test Graphs



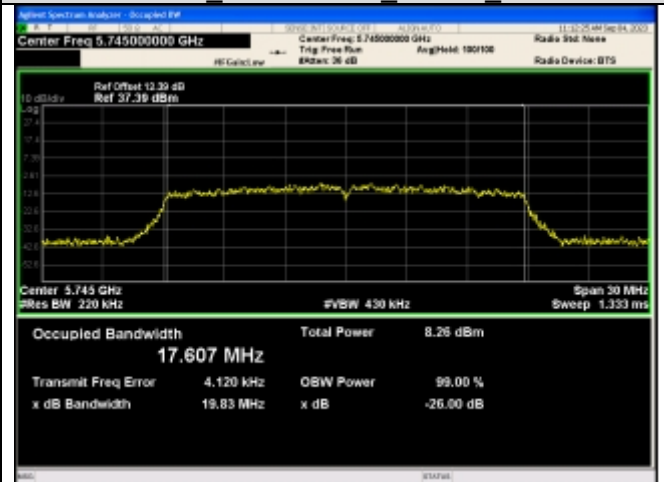
IEEE 802.11a Channel 149 20MHz Antenna 0



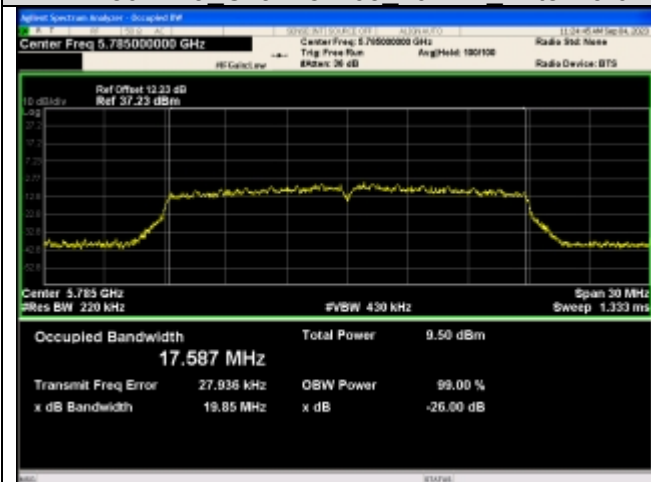
IEEE 802.11a Channel 157 20MHz Antenna 0



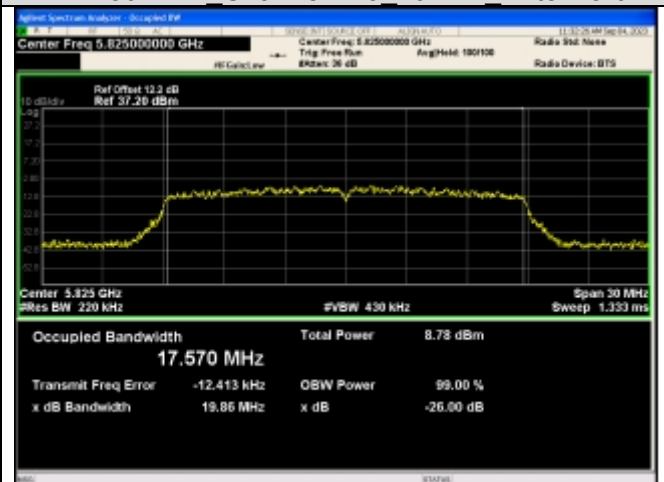
IEEE 802.11a Channel 165 20MHz Antenna 0



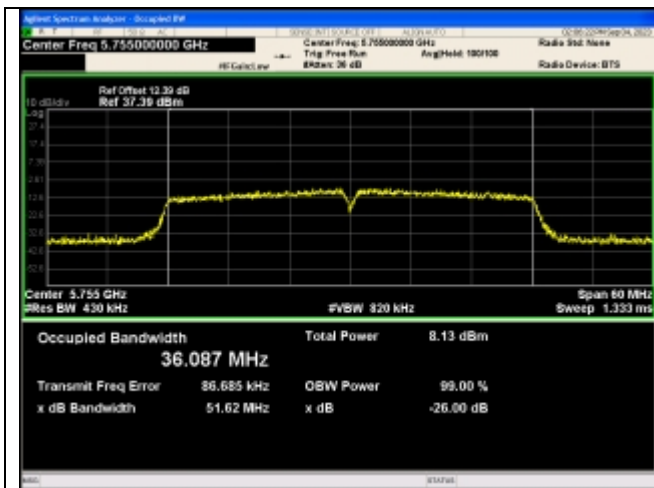
IEEE 802.11n Channel 149 20MHz Antenna 0



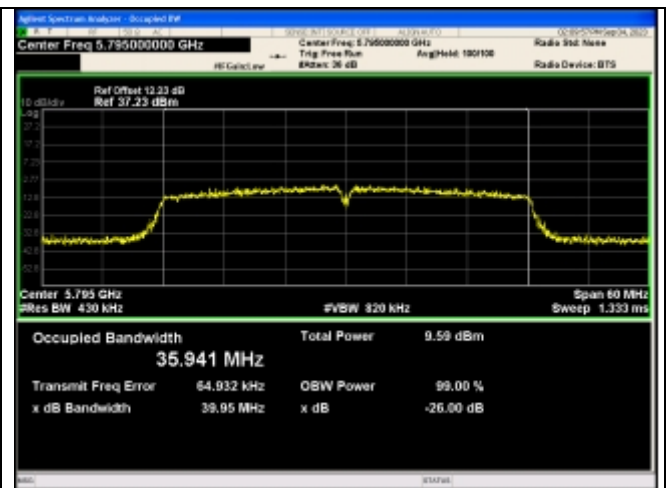
IEEE 802.11n Channel 157 20MHz Antenna 0



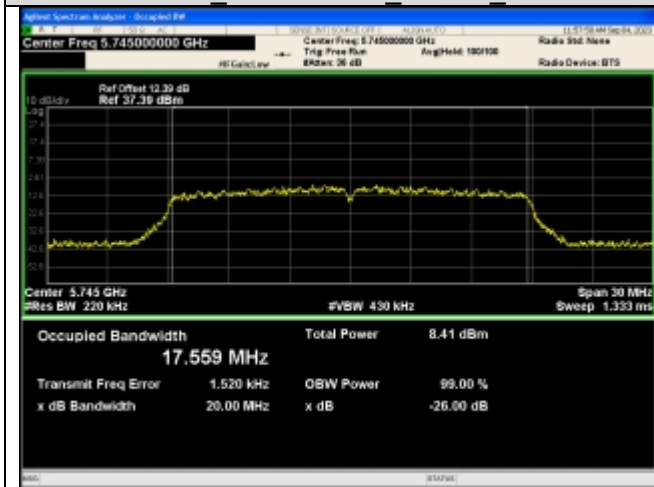
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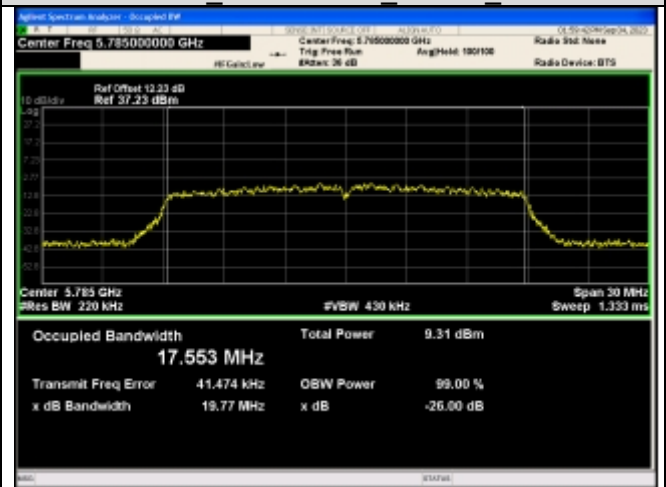
IEEE 802.11n Channel 151 40MHz Antenna 0



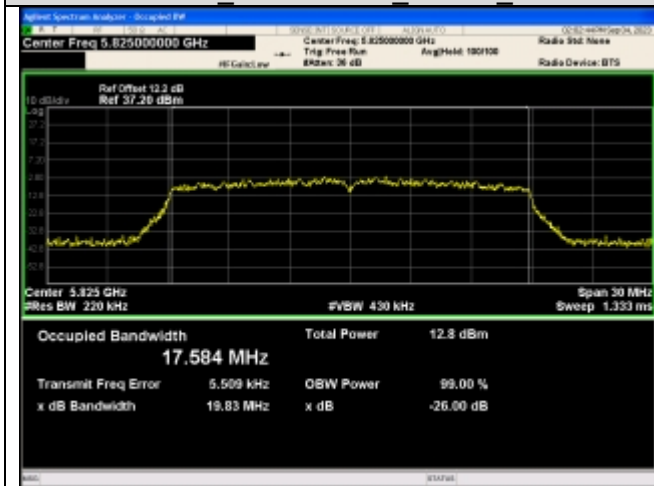
IEEE 802.11n Channel 159 40MHz Antenna 0



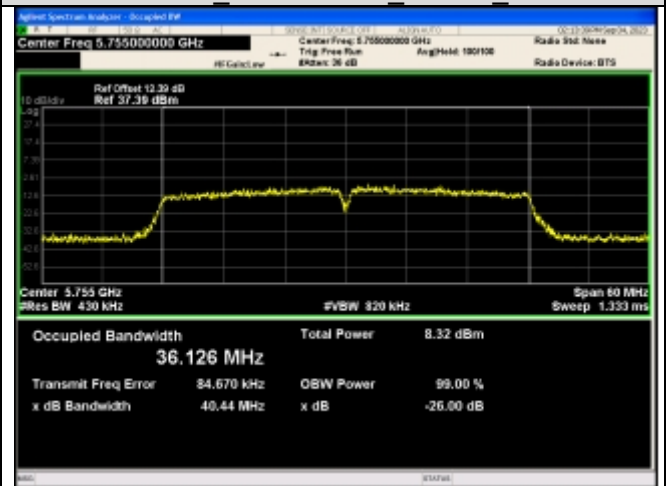
IEEE 802.11ac Channel 149 20MHz Antenna 0



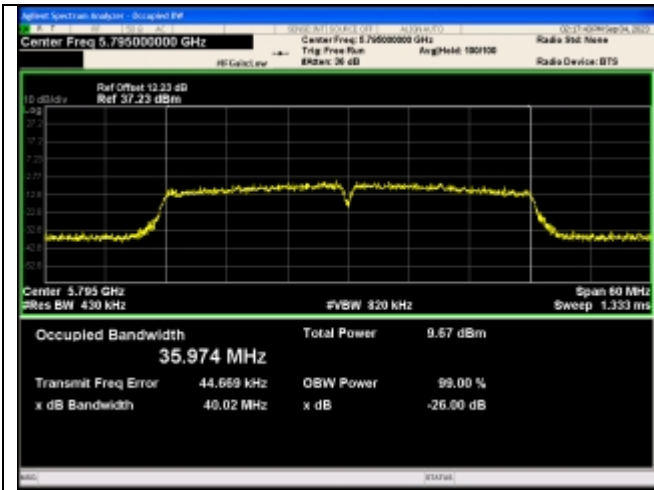
IEEE 802.11ac Channel 157 20MHz Antenna 0



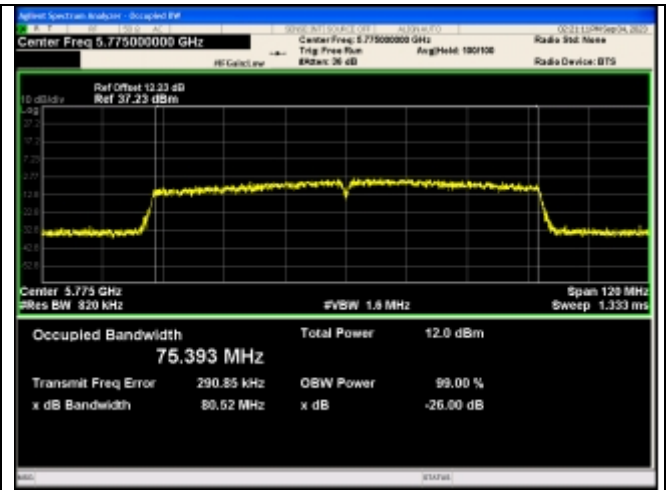
IEEE 802.11ac Channel 165 20MHz Antenna 0



IEEE 802.11ac Channel 151 40MHz Antenna 0



IEEE 802.11ac_Channel 159_40MHz_Antenna 0



IEEE 802.11ac_Channel 155_80MHz_Antenna 0

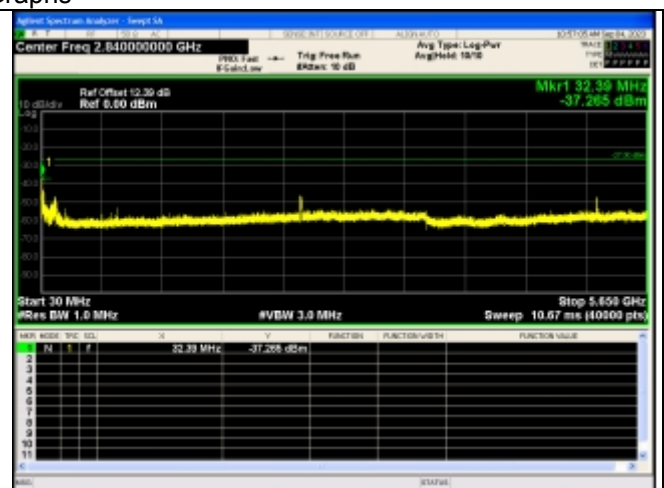
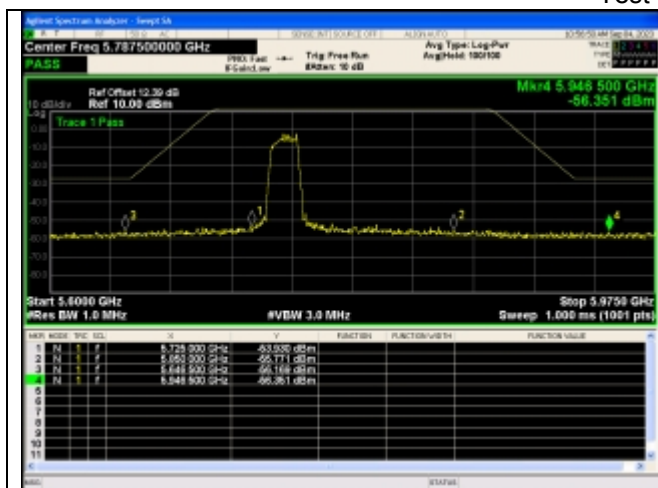
APPENDIX VI. Conducted Out Of Band Emission

Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	149	0	32.39	-37.265	-27	-10.270	PASS
			5646.50	-56.169	-27	-29.169	PASS
			5725.00	-53.930	27	-80.930	PASS
			5850.00	-55.771	27	-82.770	PASS
			5946.50	-56.351	-27	-29.351	PASS
			24952.3	-37.363	-27	-10.360	PASS
	157		30.14	-39.610	-27	-12.610	PASS
			5641.62	-56.554	-27	-29.554	PASS
			5725.00	-56.920	27	-83.920	PASS
			5850.00	-56.818	27	-83.820	PASS
			5943.50	-54.917	-27	-27.917	PASS
			24977.1	-39.679	-27	-12.680	PASS
	165		30.98	-38.609	-27	-11.610	PASS
			5648.00	-55.589	-27	-28.588	PASS
			5725.00	-56.631	27	-83.630	PASS
			5850.00	-56.574	27	-83.570	PASS
			5945.38	-55.131	-27	-28.131	PASS
			24885.5	-40.344	-27	-13.340	PASS
IEEE 802.11n_20	149	96.04	-37.745	-27	-10.740	PASS	
		5627.75	-56.214	-27	-29.214	PASS	
		5725.00	-56.390	27	-83.390	PASS	
		5850.00	-56.572	27	-83.570	PASS	
		5968.25	-56.427	-27	-29.427	PASS	
		24901.3	-38.740	-27	-11.740	PASS	
	157	32.39	-37.654	-27	-10.650	PASS	
		5636.00	-56.452	-27	-29.452	PASS	
		5725.00	-56.338	27	-83.340	PASS	
		5850.00	-56.328	27	-83.330	PASS	
		5960.38	-56.242	-27	-29.242	PASS	
		24988.1	-39.901	-27	-12.900	PASS	
	165	30.14	-38.960	-27	-11.960	PASS	
		5601.12	-56.419	-27	-29.419	PASS	
		5725.00	-57.607	27	-84.610	PASS	
		5850.00	-55.598	27	-82.600	PASS	
		5927.00	-55.599	-27	-28.599	PASS	
		24949.4	-38.977	-27	-11.980	PASS	
IEEE 802.11n_40	151	2417.01	-34.972	-27	-7.970	PASS	
		5645.75	-56.241	-27	-29.241	PASS	
		5725.00	-52.126	27	-79.130	PASS	
		5850.00	-57.258	27	-84.260	PASS	
		5975.00	-55.886	-27	-28.886	PASS	
		24856.0	-40.533	-27	-13.530	PASS	
	159	2420.39	-38.520	-27	-11.520	PASS	
		5640.50	-55.325	-27	-28.325	PASS	
		5725.00	-57.232	27	-84.230	PASS	
		5850.00	-55.202	27	-82.200	PASS	
		5925.12	-56.668	-27	-29.668	PASS	
		24959.5	-39.718	-27	-12.720	PASS	
IEEE	149		55.43	-38.436	-27	-11.440	PASS

802.11ac_20	157	5646.88	-54.768	-27	-27.768	PASS		
		5725.00	-53.438	27	-80.440	PASS		
		5850.00	-57.516	27	-84.520	PASS		
		5954.75	-56.333	-27	-29.333	PASS		
		24930.4	-39.936	-27	-12.940	PASS		
		2479.40	-38.744	-27	-11.740	PASS		
		5632.25	-55.824	-27	-28.824	PASS		
		5725.00	-57.213	27	-84.210	PASS		
		5850.00	-57.084	27	-84.080	PASS		
		5967.12	-56.431	-27	-29.431	PASS		
		24859.8	-40.589	-27	-13.590	PASS		
		IEEE 802.11ac_40	151	2410.69	-34.484	-27	-7.480	PASS
				5644.25	-56.688	-27	-29.688	PASS
				5725.00	-57.192	27	-84.190	PASS
				5850.00	-49.910	27	-76.910	PASS
5925.50	-54.359			-27	-27.359	PASS		
24952.3	-39.618			-27	-12.620	PASS		
2415.05	-32.436			-27	-5.440	PASS		
5603.75	-55.250			-27	-28.250	PASS		
5725.00	-50.731			27	-77.730	PASS		
5850.00	-57.557			27	-84.560	PASS		
5930.75	-55.916			-27	-28.916	PASS		
24870.3	-40.164			-27	-13.160	PASS		
IEEE 802.11ac_80	159			2412.66	-34.852	-27	-7.850	PASS
				5624.75	-55.786	-27	-28.787	PASS
				5725.00	-56.552	27	-83.550	PASS
		5850.00	-55.844	27	-82.840	PASS		
		5925.88	-56.163	-27	-29.163	PASS		
		24936.6	-39.985	-27	-12.980	PASS		
		97.58	-37.174	-27	-10.170	PASS		
		5640.88	-55.382	-27	-28.382	PASS		
		5725.00	-49.828	27	-76.830	PASS		
		5850.00	-47.694	27	-74.690	PASS		
		5924.38	-52.240	-26.5375	-25.702	PASS		
		24918.0	-39.576	-27	-12.580	PASS		

Test Graphs

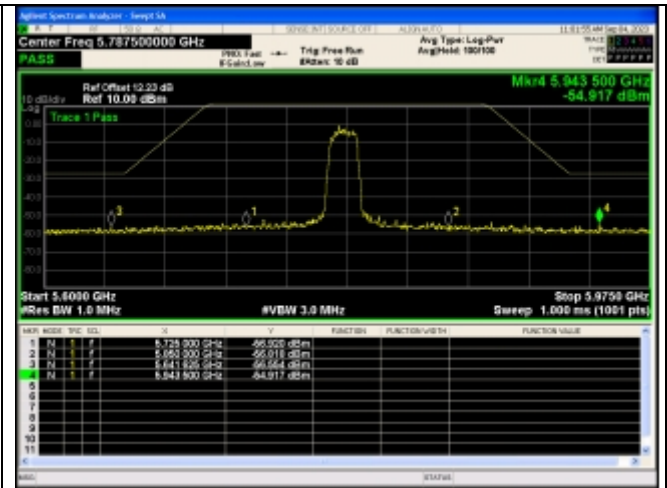


Out Of Band Emission
IEEE 802.11a Channel 149 20MHz_Antenna 0

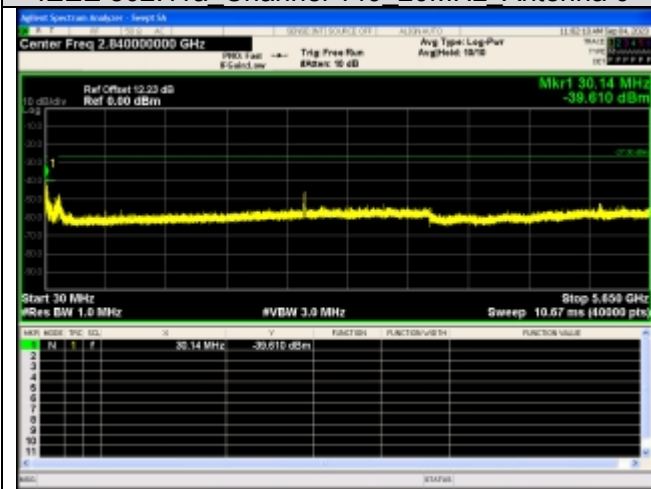
Spurious Emission:30.0~5650 MHz
IEEE 802.11a Channel 149 20MHz_Antenna 0



Spurious Emission:5925~25000.0 MHz
IEEE 802.11a Channel 149 20MHz Antenna 0



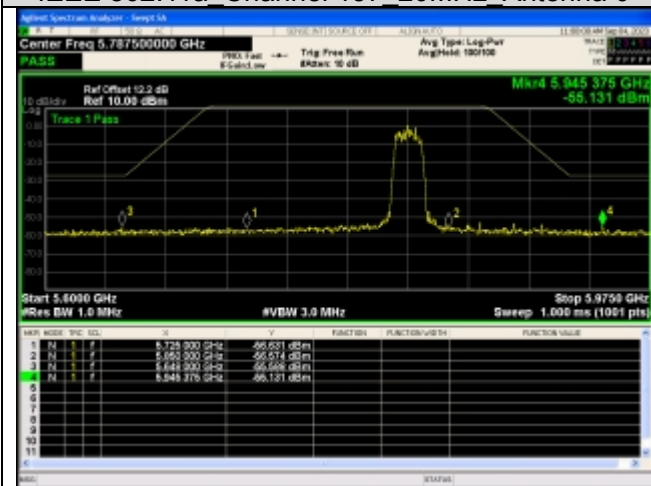
Out Of Band Emission
IEEE 802.11a Channel 157 20MHz Antenna 0



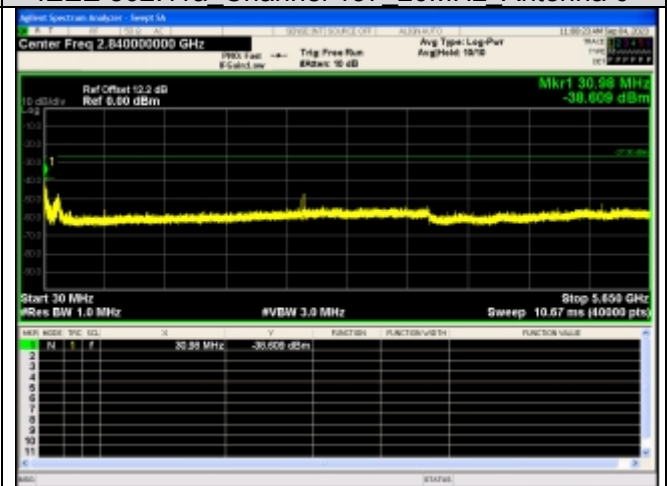
Spurious Emission:30.0~5650 MHz
IEEE 802.11a Channel 157 20MHz Antenna 0



Spurious Emission:5925~25000.0 MHz
IEEE 802.11a Channel 157 20MHz Antenna 0



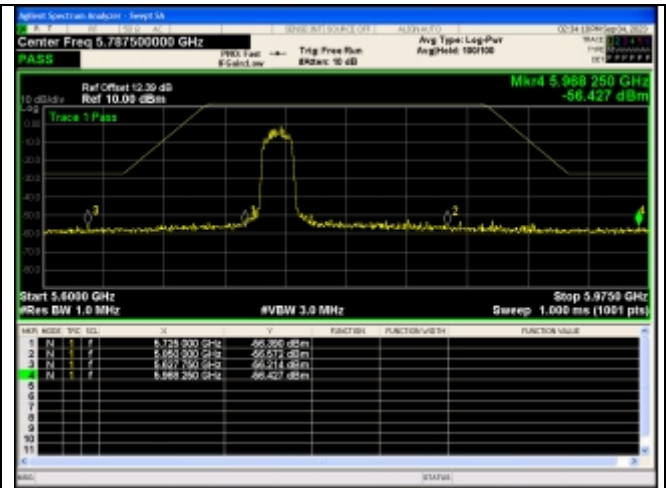
Out Of Band Emission
IEEE 802.11a Channel 165 20MHz Antenna 0



Spurious Emission:30.0~5650 MHz
IEEE 802.11a Channel 165 20MHz Antenna 0



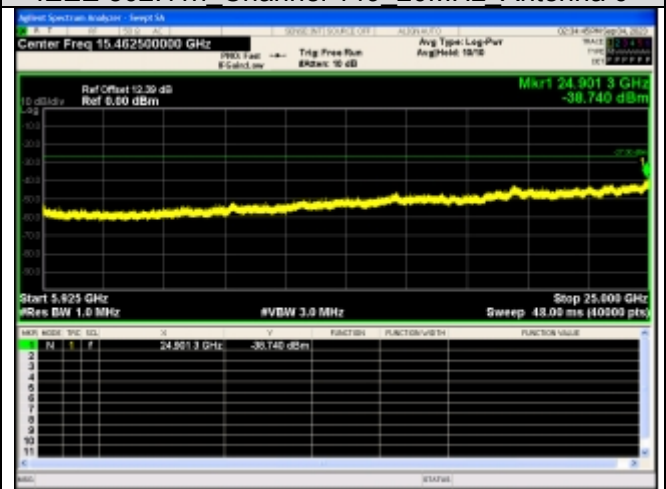
Spurious Emission:5925~25000.0 MHz
 IEEE 802.11a Channel 165 20MHz Antenna 0



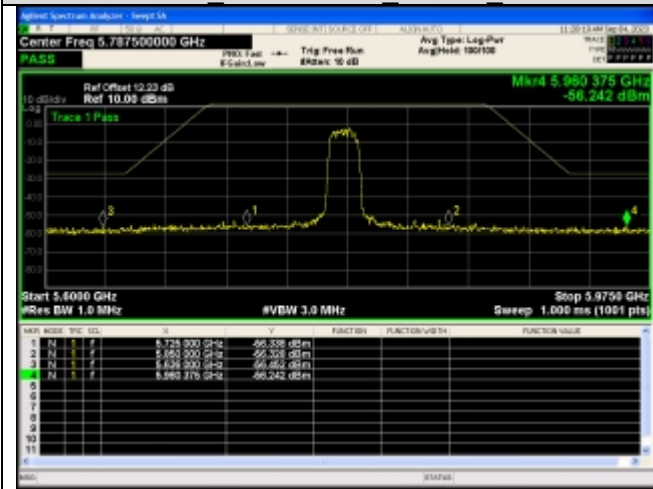
Out Of Band Emission
 IEEE 802.11n Channel 149 20MHz Antenna 0



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



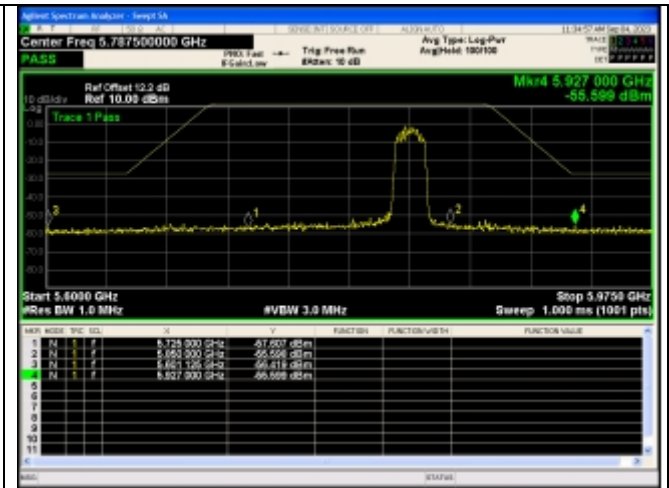
Out Of Band Emission
 IEEE 802.11n Channel 157 20MHz Antenna 0



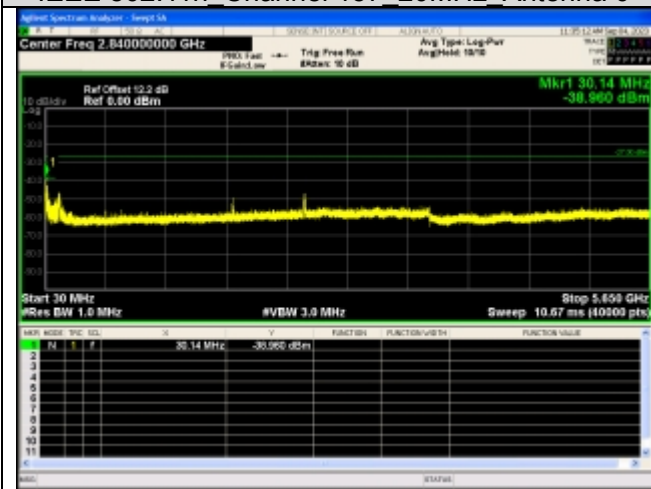
Spurious Emission:30.0~5650 MHz
 IEEE 802.11n Channel 157 20MHz Antenna 0



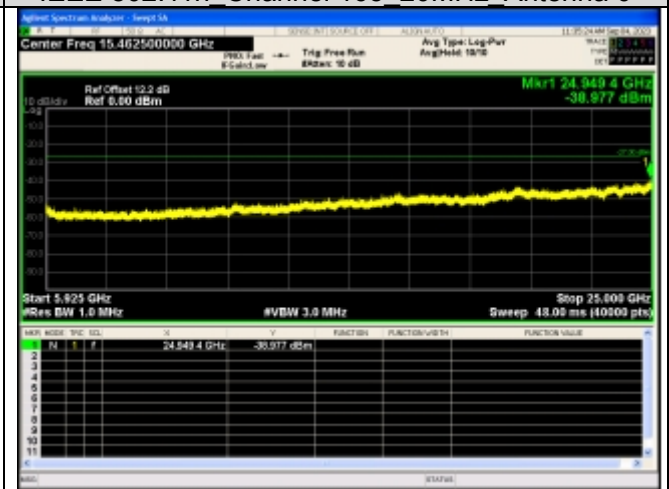
Spurious Emission:5925~25000.0 MHz
 IEEE 802.11n Channel 157 20MHz Antenna 0



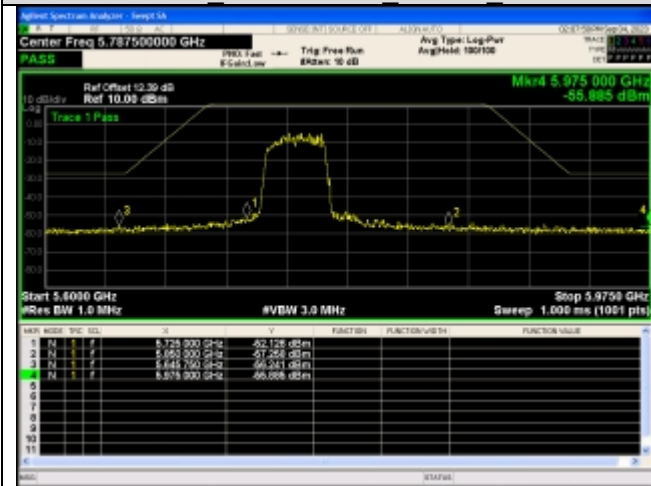
Out Of Band Emission
 IEEE 802.11n Channel 165 20MHz Antenna 0



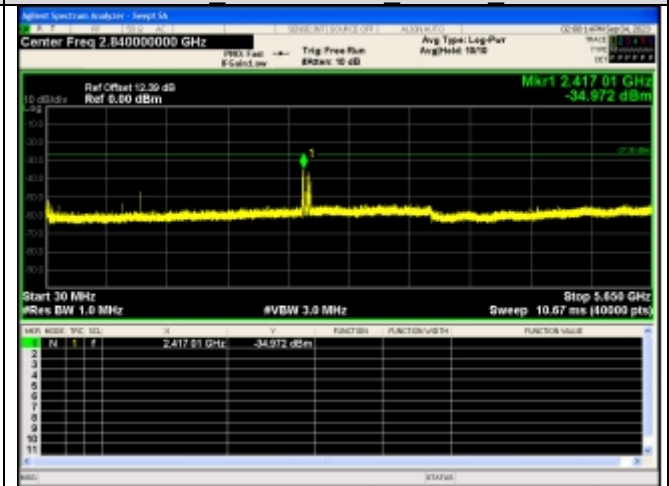
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 IEEE 802.11n Channel 165 20MHz Antenna 0



Spurious Emission:5925~25000.0 MHz
 IEEE 802.11n Channel 165 20MHz Antenna 0



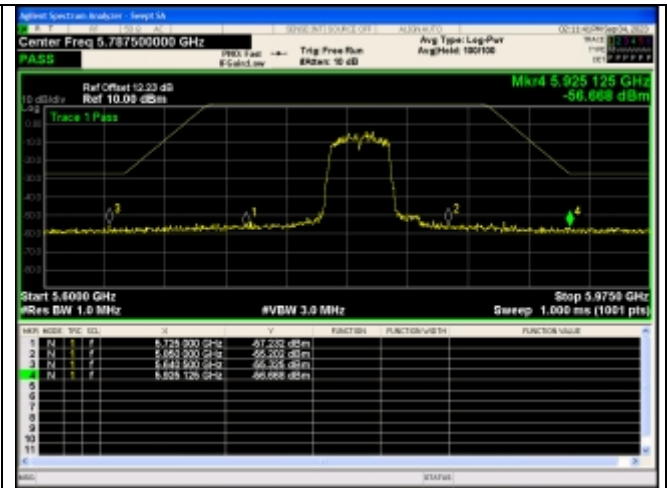
Out Of Band Emission
 IEEE 802.11n Channel 151 40MHz Antenna 0



Spurious Emission:30.0~5650 MHz
 IEEE 802.11n Channel 151 40MHz Antenna 0



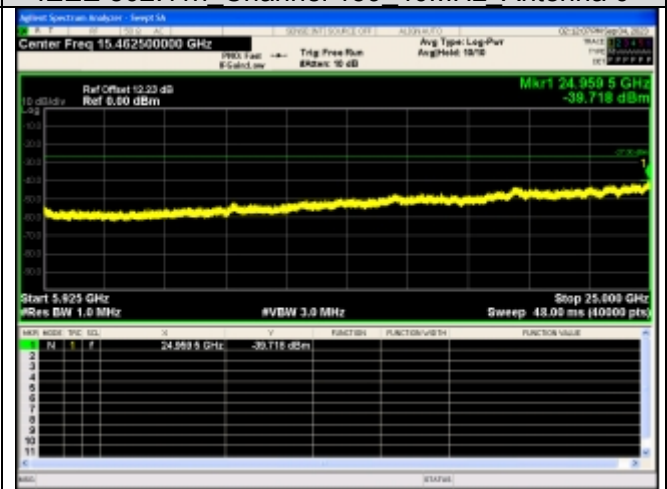
Spurious Emission:5925~25000.0 MHz
IEEE 802.11n Channel 151 40MHz Antenna 0



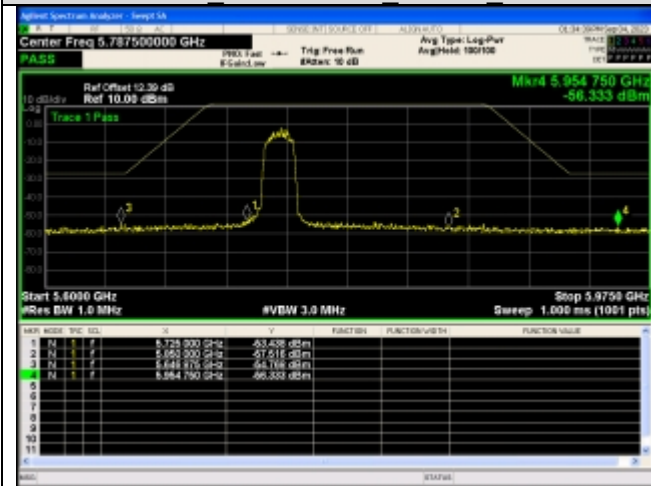
Out Of Band Emission
IEEE 802.11n Channel 159 40MHz Antenna 0



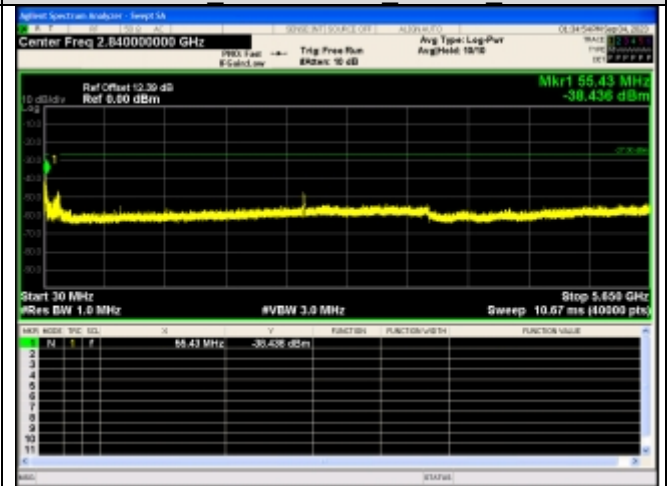
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IEEE 802.11n Channel 159 40MHz Antenna 0



Spurious Emission:5925~25000.0 MHz
IEEE 802.11n Channel 159 40MHz Antenna 0



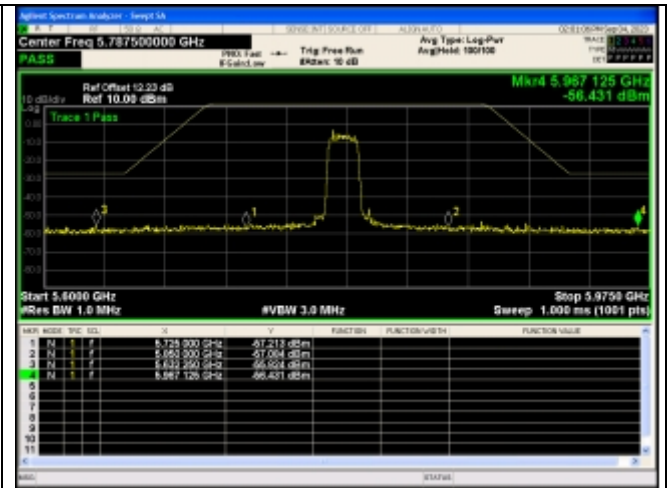
Out Of Band Emission
IEEE 802.11ac Channel 149 20MHz Antenna 0



Spurious Emission:30.0~5650 MHz
IEEE 802.11ac Channel 149 20MHz Antenna 0



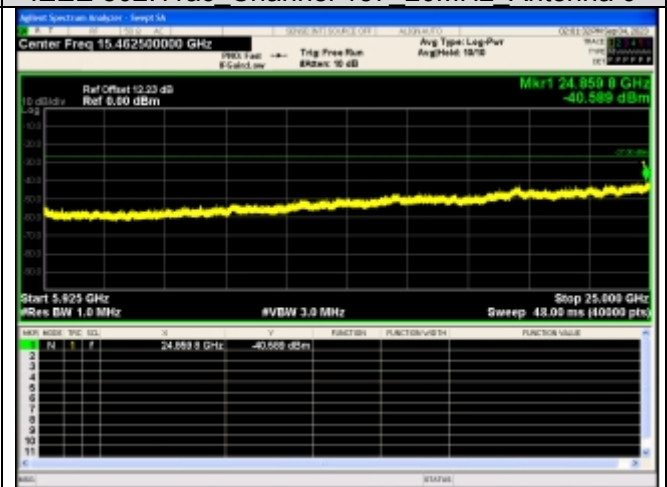
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IEEE 802.11ac Channel 149 20MHz Antenna 0



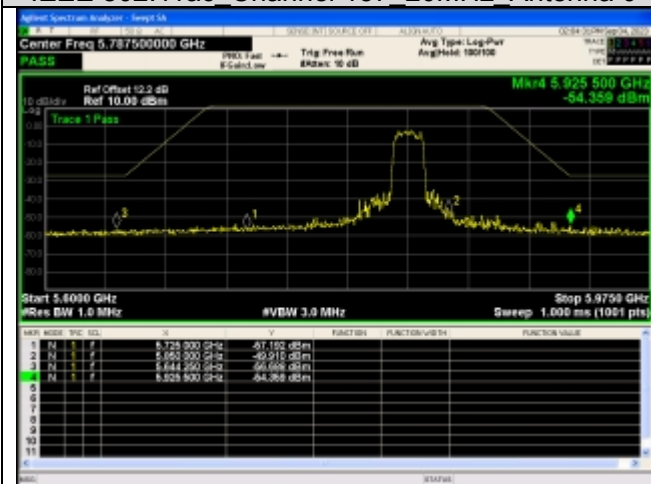
Out Of Band Emission
IEEE 802.11ac Channel 157 20MHz Antenna 0



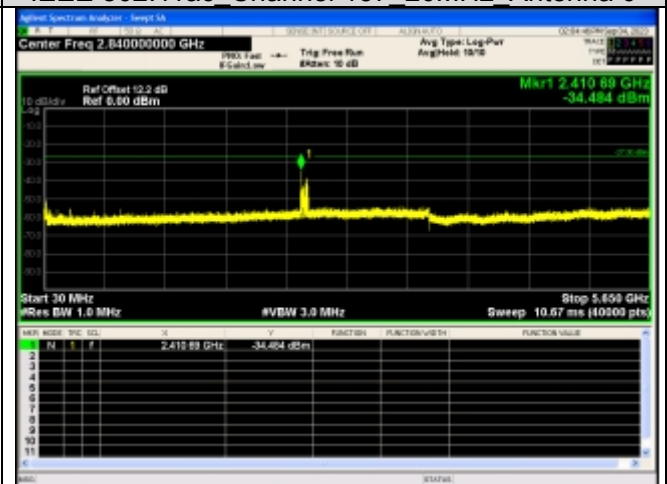
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IEEE 802.11ac Channel 157 20MHz Antenna 0



Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac Channel 157 20MHz Antenna 0



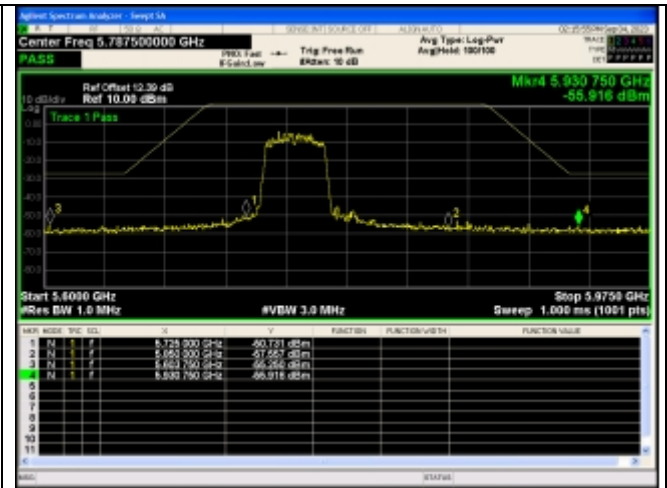
Out Of Band Emission
IEEE 802.11ac Channel 165 20MHz Antenna 0



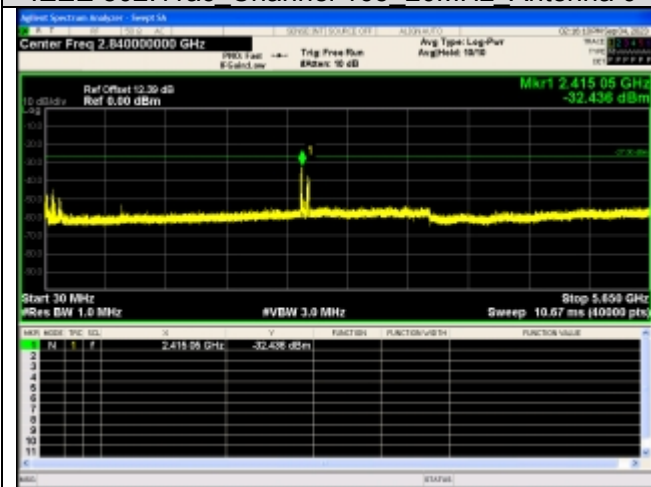
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IEEE 802.11ac Channel 165 20MHz Antenna 0



Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac Channel 165 20MHz Antenna 0



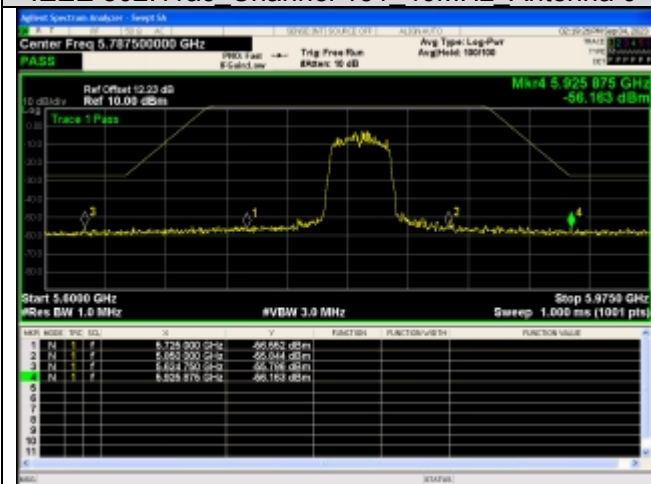
Out Of Band Emission
IEEE 802.11ac Channel 151 40MHz Antenna 0



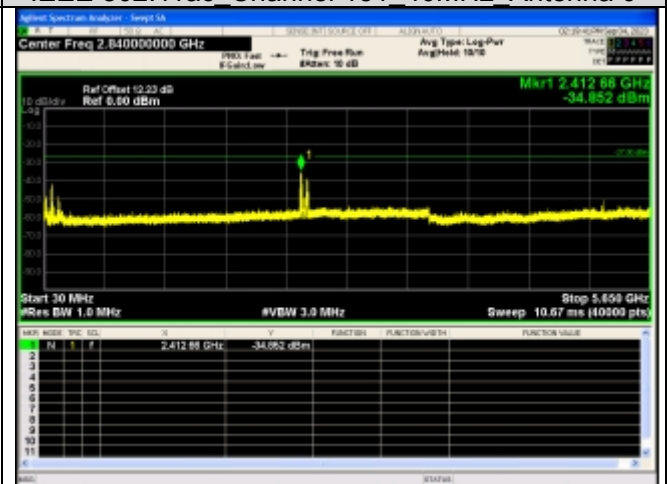
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IEEE 802.11ac Channel 151 40MHz Antenna 0



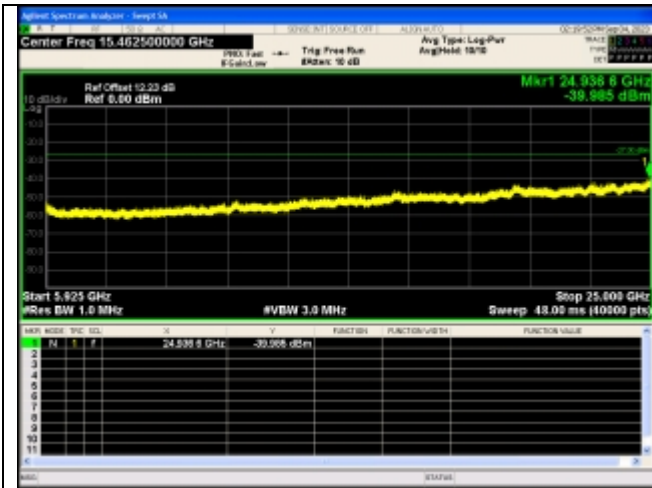
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac Channel 151 40MHz Antenna 0



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



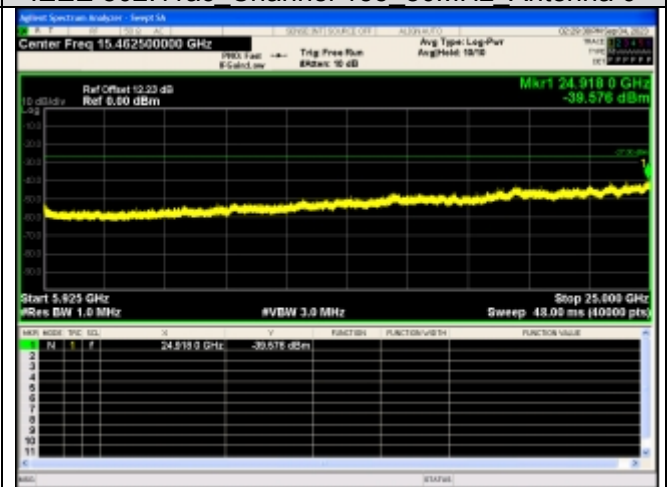
Spurious Emission:5925~25000.0 MHz
 IEEE 802.11ac Channel 159 40MHz Antenna 0



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



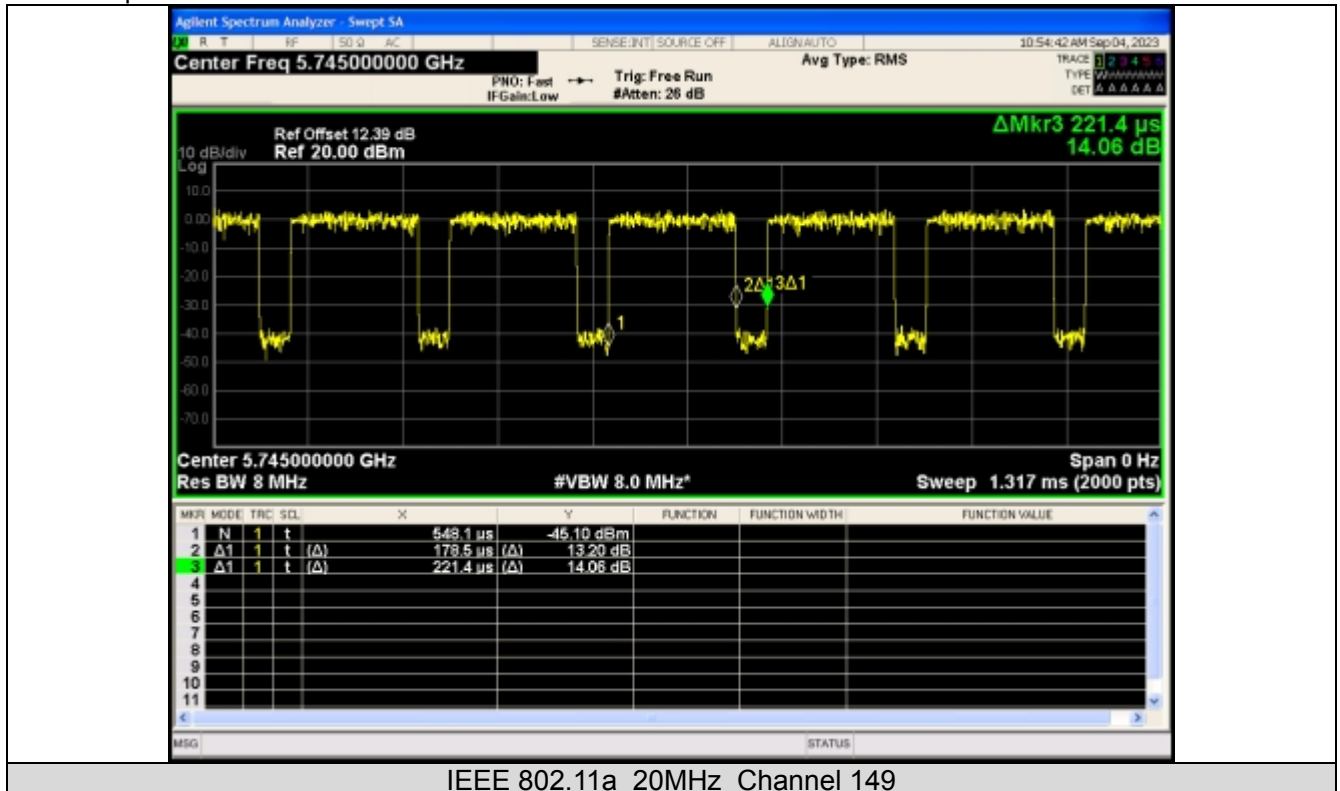
Spurious Emission:5925~25000.0 MHz
 IEEE 802.11ac Channel 155 80MHz Antenna 0

APPENDIX VII. Duty Cycle

Test Result

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11a	54	149	1	0.179	0.221	80.65	0.8065	0.934
		157		0.179	0.221	80.95	0.8095	0.9178
		165		0.179	0.221	80.65	0.8065	0.934
IEEE 802.11n_20	MCS 7	149		0.167	0.209	79.81	0.7981	0.9794
		157		0.167	0.209	79.56	0.7956	0.9931
		165		0.167	0.209	79.87	0.7987	0.9762
IEEE 802.11n_40	MCS 7	151		0.102	0.144	70.52	0.7052	1.5169
		159		0.102	0.145	70.30	0.7030	1.5304
IEEE 802.11ac_20	MCS 9	149		0.150	0.193	77.82	0.7782	1.0891
		157		0.151	0.194	77.89	0.7789	1.0852
		165		0.151	0.194	77.89	0.7789	1.0852
IEEE 802.11ac_40	MCS 9	151		0.090	0.133	67.55	0.6755	1.7037
		159		0.090	0.133	67.55	0.6755	1.7037
IEEE 802.11ac_80		155		0.066	0.136	48.54	0.4854	3.139

Test Graphs



IEEE 802.11a_20MHz_Channel 149