

Appendix D of data

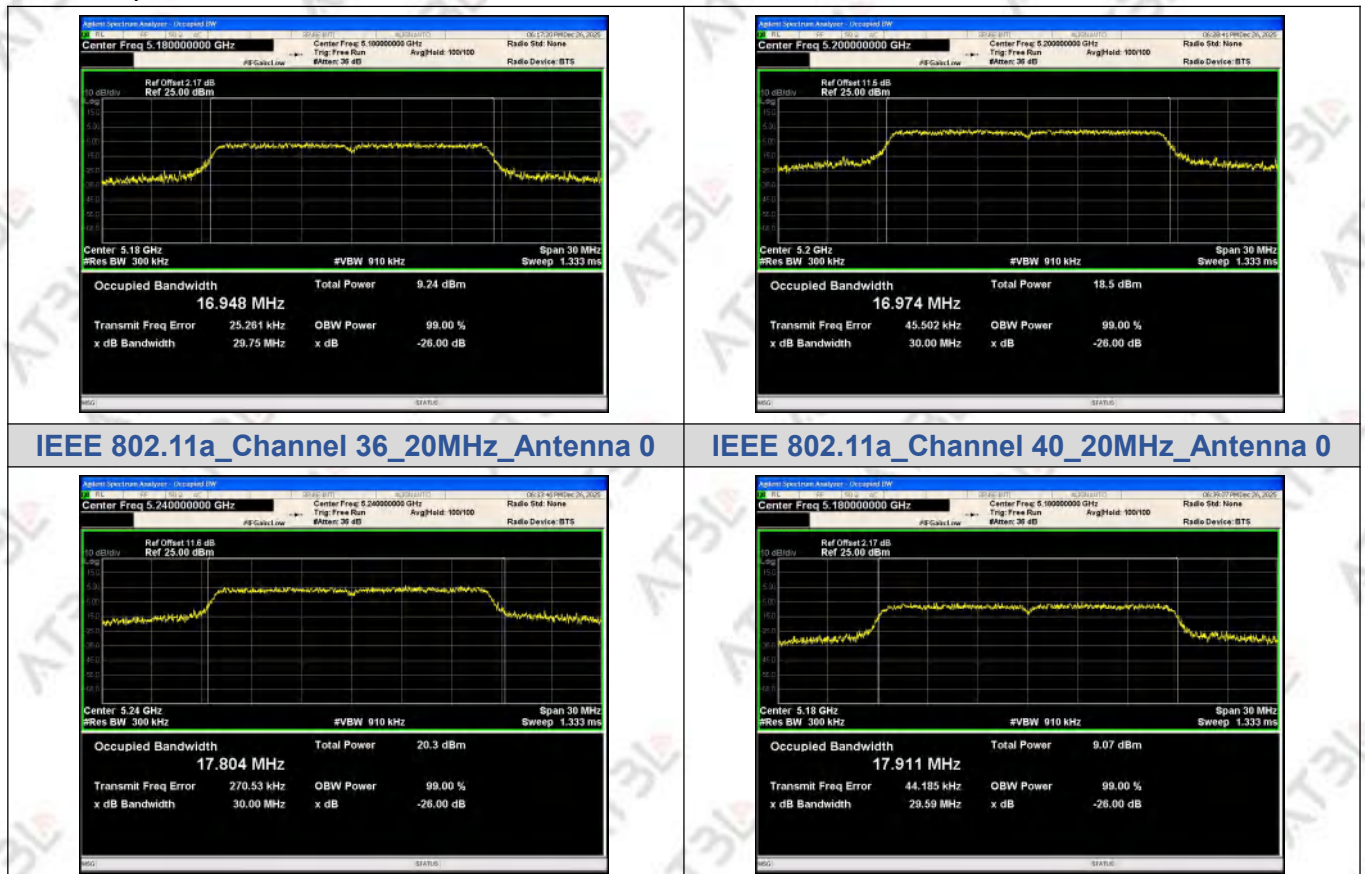
D1.Emission Bandwidth

26dB Bandwidth

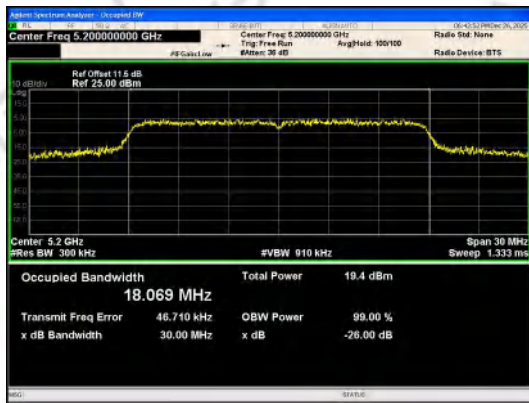
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)
IEEE 802.11a	36	0	5180	29.75
	40		5200	30.00
	48		5240	30.00
IEEE 802.11n_20	36		5180	29.59
	40		5200	30.00
	48		5240	29.97
IEEE 802.11n_40	38		5190	58.36
	46		5230	48.66
IEEE 802.11ac_20	36		5180	29.86
	40		5200	29.98
	48		5240	30.00
IEEE 802.11ac_40	38		5190	50.44
	46		5230	56.39
IEEE 802.11ac_80	42		5210	83.87

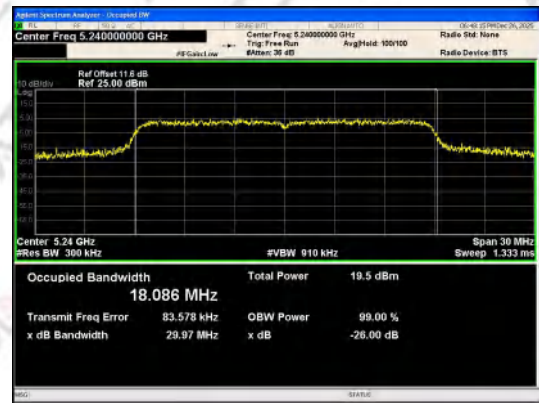
Test Graphs



IEEE 802.11a_Channel 48_20MHz_Antenna 0



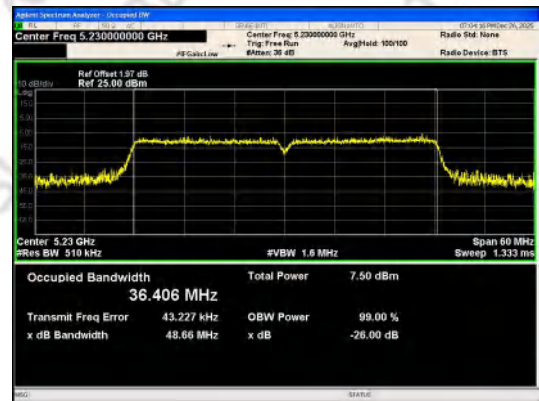
IEEE 802.11n_Channel 36_20MHz_Antenna 0



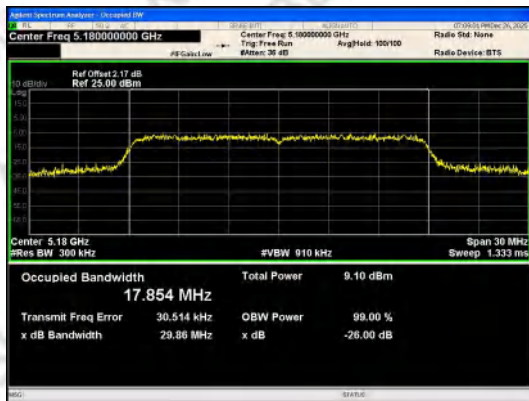
IEEE 802.11n_Channel 40_20MHz_Antenna 0



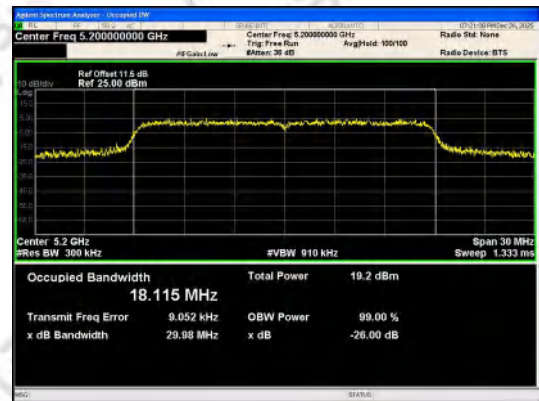
IEEE 802.11n_Channel 48_20MHz_Antenna 0



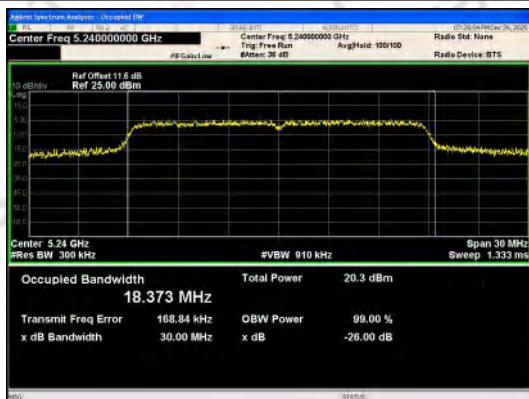
IEEE 802.11n_Channel 38_40MHz_Antenna 0



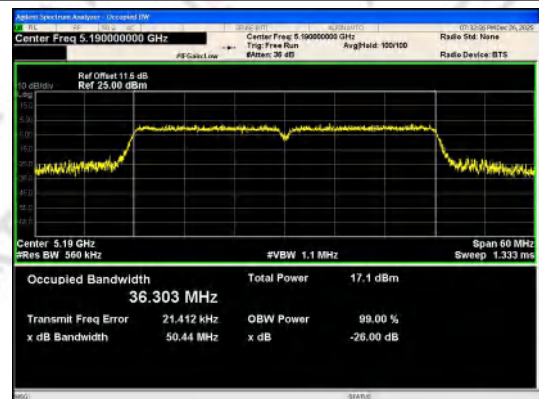
IEEE 802.11n_Channel 46_40MHz_Antenna 0



IEEE 802.11ac_Channel 36_20MHz_Antenna 0

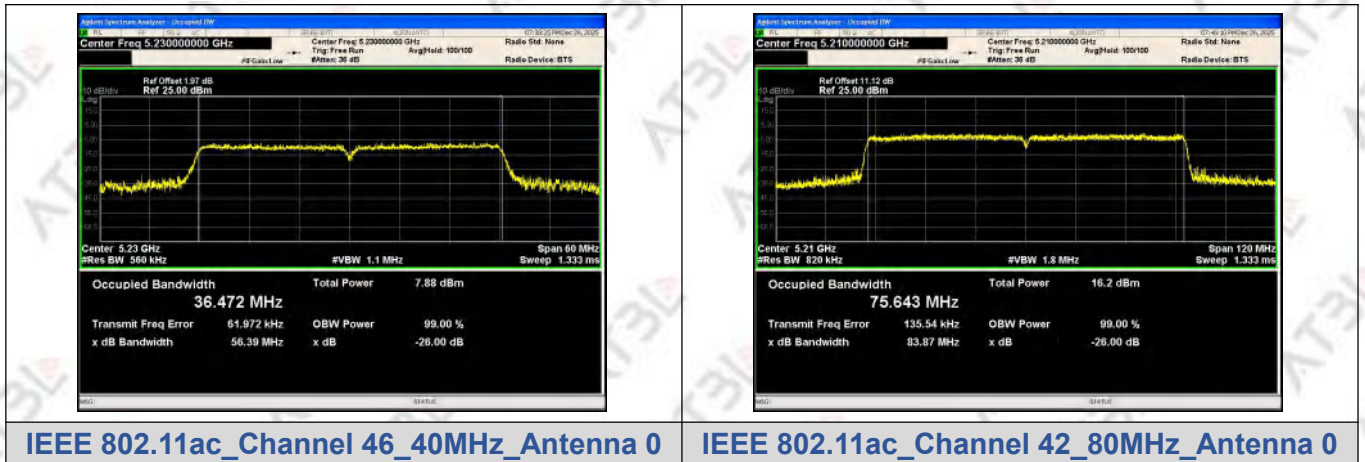


IEEE 802.11ac_Channel 40_20MHz_Antenna 0



IEEE 802.11ac_Channel 48_20MHz_Antenna 0

IEEE 802.11ac_Channel 38_40MHz_Antenna 0



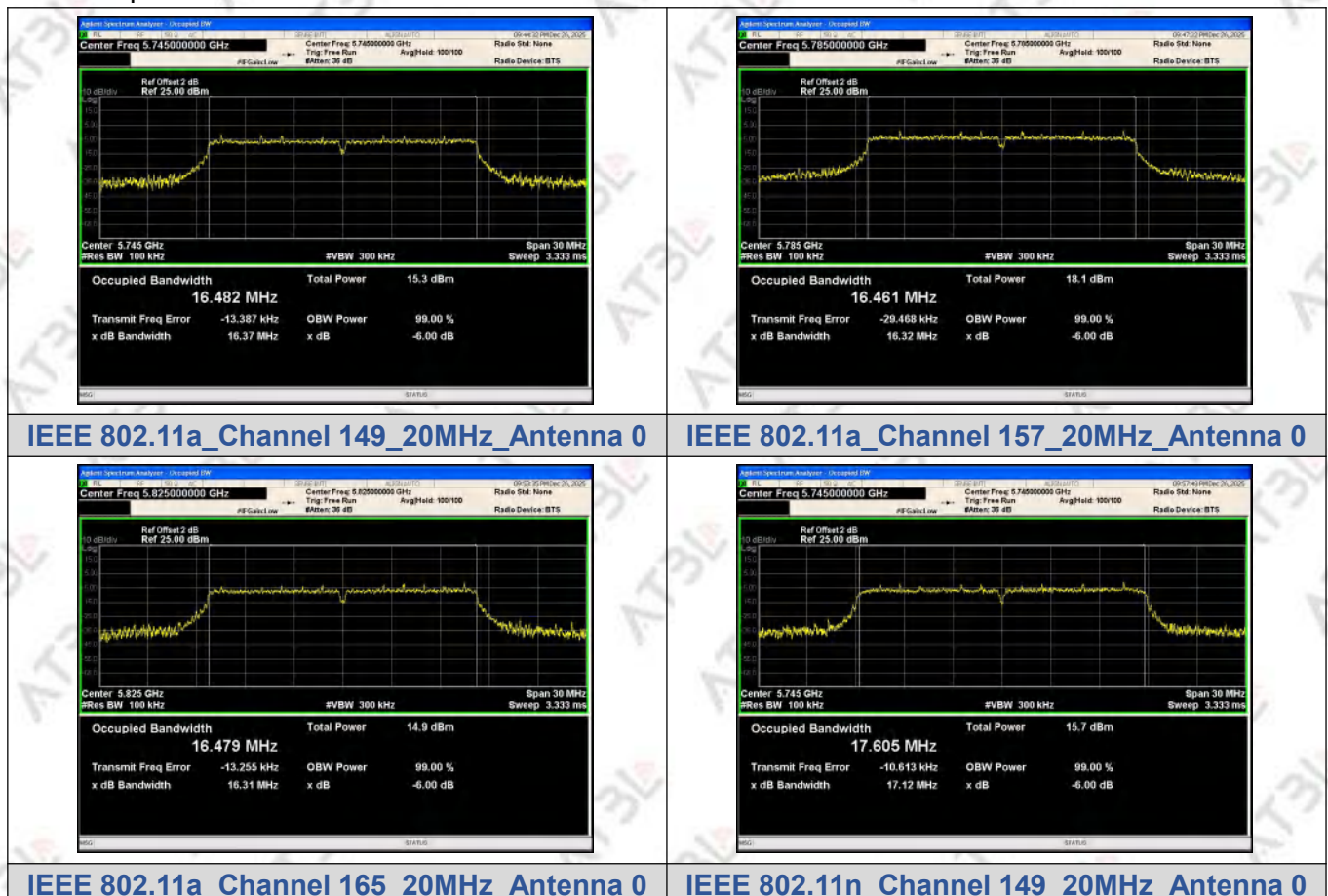
D2. Minimum Emission Bandwidth for the band 5.725–5.85 GHz

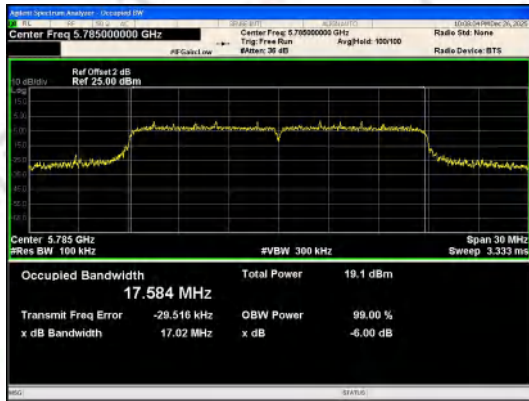
6dB Bandwidth

Test Result

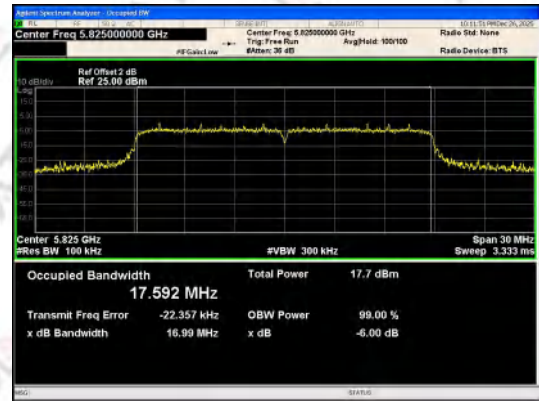
Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	0	5745	16.37	≥0.5	PASS
	157		5785	16.32		PASS
	165		5825	16.31		PASS
IEEE 802.11n_20	149		5745	17.12		PASS
	157		5785	17.02		PASS
	165		5825	16.99		PASS
IEEE 802.11n_40	151		5755	35.61		PASS
	159		5795	35.98		PASS
IEEE 802.11ac_20	149		5745	17.37		PASS
	157		5785	17.14		PASS
	165		5825	17.30		PASS
IEEE 802.11ac_40	151		5755	35.69		PASS
	159		5795	36.11		PASS
IEEE 802.11ac_80	155		5775	75.15		PASS

Test Graphs

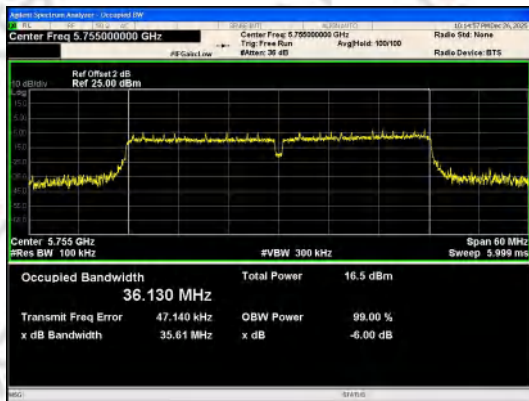




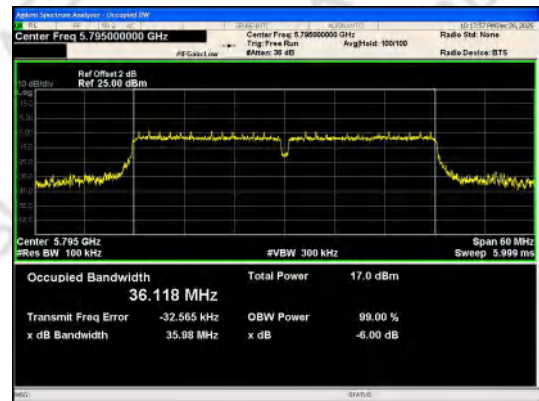
IEEE 802.11n_Channel 157_20MHz_Antenna 0



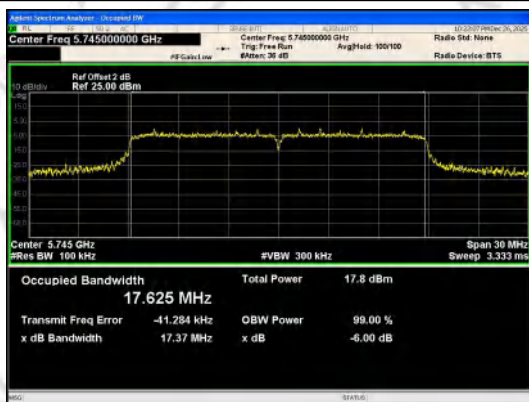
IEEE 802.11n_Channel 165_20MHz_Antenna 0



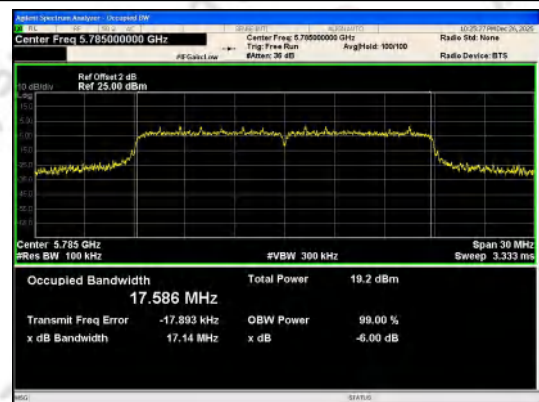
IEEE 802.11n_Channel 151_40MHz_Antenna 0



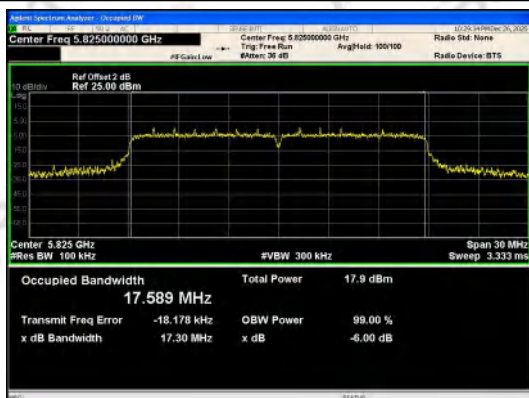
IEEE 802.11n_Channel 159_40MHz_Antenna 0



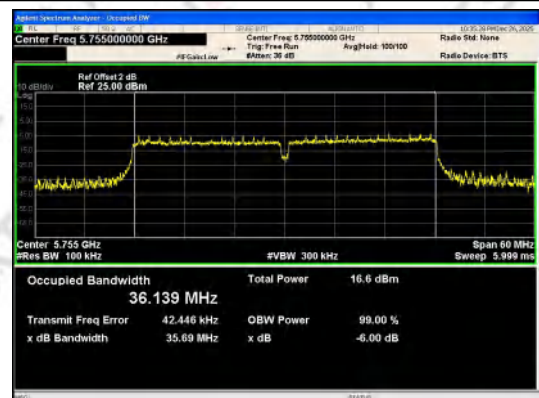
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



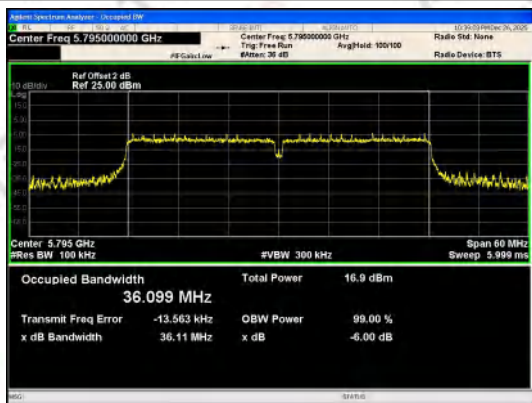
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



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

D3.Maximum Conducted Average Output Power

Test Result

Mode	Channel	Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	36	13.54	≤23.97	PASS
	40	13.44	≤23.97	PASS
	48	14.23	≤23.97	PASS
	149	9.48	≤30	PASS
	157	10.19	≤30	PASS
	165	8.88	≤30	PASS
IEEE 802.11n_20	36	13.47	≤23.97	PASS
	40	13.58	≤23.97	PASS
	48	14.03	≤23.97	PASS
	149	11.96	≤30	PASS
	157	12.67	≤30	PASS
	165	11.25	≤30	PASS
IEEE 802.11n_40	38	9.91	≤23.97	PASS
	46	11.11	≤23.97	PASS
	151	10.08	≤30	PASS
	159	10.38	≤30	PASS
IEEE 802.11ac_20	36	13.71	≤23.97	PASS
	40	13.55	≤23.97	PASS
	48	14.64	≤23.97	PASS
	149	11.81	≤30	PASS
	157	12.58	≤30	PASS
	165	11.24	≤30	PASS
IEEE 802.11ac_40	38	9.52	≤23.97	PASS
	46	11.51	≤23.97	PASS
	151	10.03	≤30	PASS
	159	10.43	≤30	PASS
IEEE 802.11ac_80	42	9.66	≤23.97	PASS
	155	10.55	≤30	PASS

D4.Power Spectral Density

Test Result

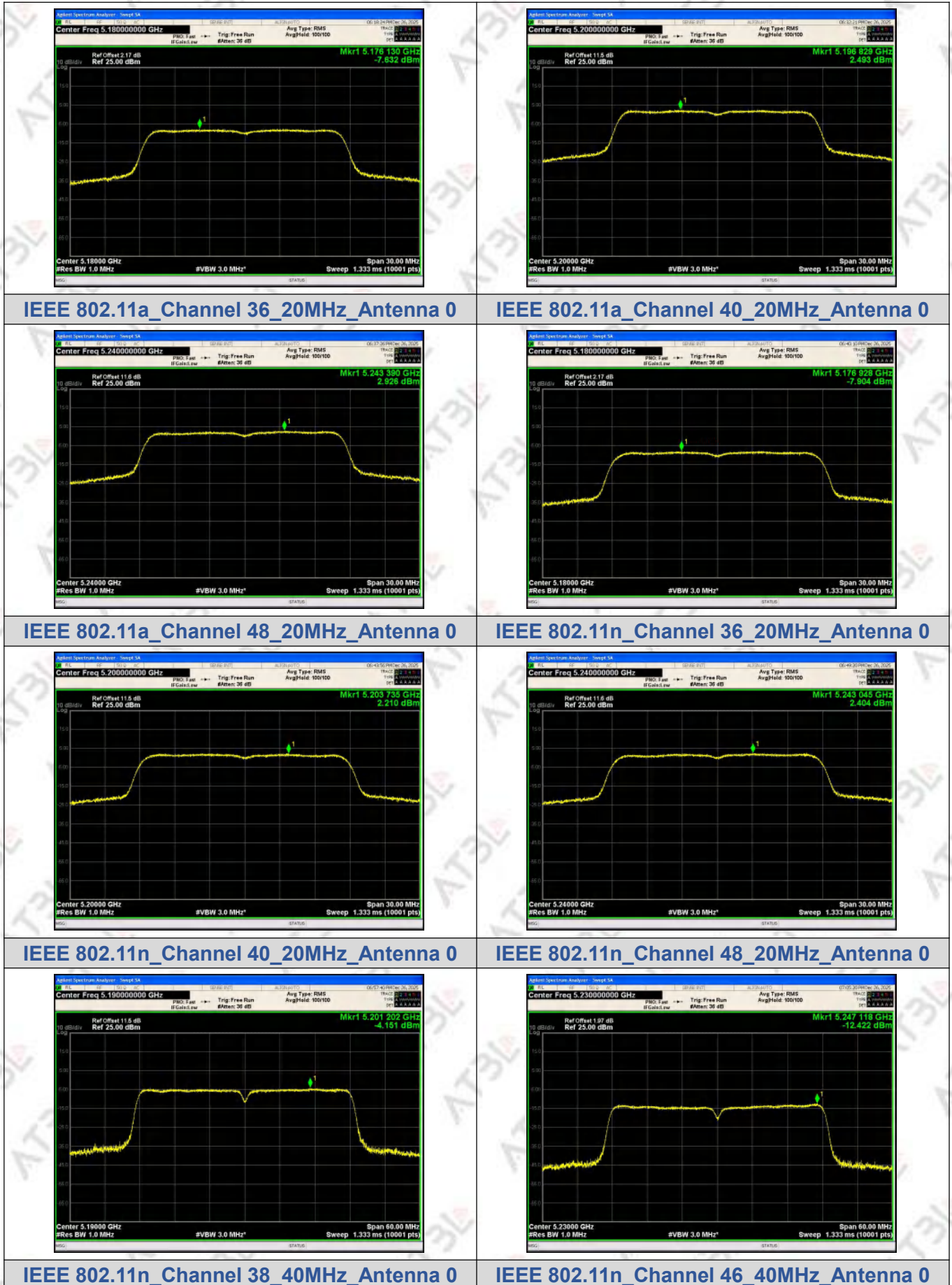
Mode	Channel	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Duty Cycle Factor (dB)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	36	-7.632	0.4239	-7.208	11	PASS
	40	2.493	0.4532	2.946		PASS
	48	2.926	0.4789	3.405		PASS
IEEE 802.11n_20	36	-7.904	0.533	-7.371		PASS
	40	2.210	0.5914	2.801		PASS
	48	2.404	0.533	2.937		PASS
IEEE 802.11n_40	38	-4.151	1.0138	-3.137		PASS
	46	-12.422	1.0138	-11.408		PASS
IEEE 802.11ac_20	36	-7.069	0.5296	-6.539		PASS
	40	2.715	0.5032	3.218		PASS
	48	3.268	0.5002	3.768		PASS
IEEE 802.11ac_40	38	-4.417	1.0045	-3.413		PASS
	46	-12.436	0.9491	-11.487		PASS
IEEE 802.11ac_80	42	-7.461	1.5249	-5.936		PASS

Mode	Channel	Ant. 0 Meas PSD (dBm/500kHz)	Duty Cycle Factor (dB)	Ant. 0 Corr'd PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
IEEE 802.11a	149	-5.071	0.4532	-4.618	30	PASS
	157	-4.464	0.4532	-4.011		PASS
	165	-5.477	0.4532	-5.024		PASS
IEEE 802.11n_20	149	-3.295	0.533	-2.762		PASS
	157	-2.088	0.533	-1.555		PASS
	165	-3.503	0.5616	-2.941		PASS
IEEE 802.11n_40	151	-6.917	1.0144	-5.903		PASS
	159	-7.977	0.961	-7.016		PASS
IEEE 802.11ac_20	149	-3.171	0.5296	-2.641		PASS
	157	-1.970	0.5296	-1.440		PASS
	165	-3.267	0.5296	-2.737		PASS
IEEE 802.11ac_40	151	-6.608	0.9523	-5.656		PASS
	159	-7.917	0.9523	-6.965		PASS
IEEE 802.11ac_80	155	-10.736	1.8257	-8.910		PASS

Note:

Corr'd PSD=Meas PSD+Duty Cycle Factor (dB)

Test Graphs

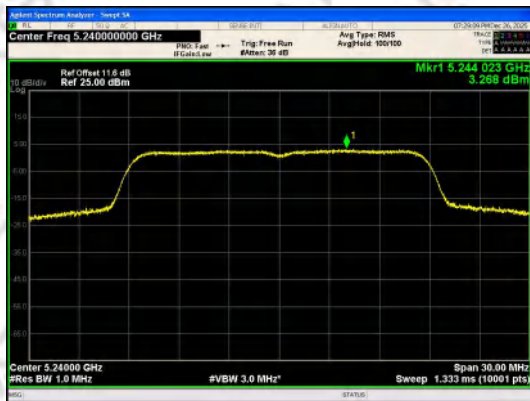




IEEE 802.11ac_Channel 36_20MHz_Antenna 0



IEEE 802.11ac_Channel 40_20MHz_Antenna 0



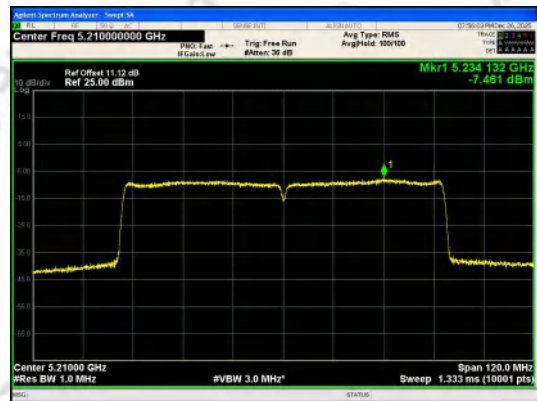
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



IEEE 802.11ac_Channel 38_40MHz_Antenna 0



IEEE 802.11ac_Channel 46_40MHz_Antenna 0



IEEE 802.11ac_Channel 42_80MHz_Antenna 0



IEEE 802.11a_Channel 149_20MHz_Antenna 0



IEEE 802.11a_Channel 157_20MHz_Antenna 0



IEEE 802.11a_Channel 165_20MHz_Antenna 0



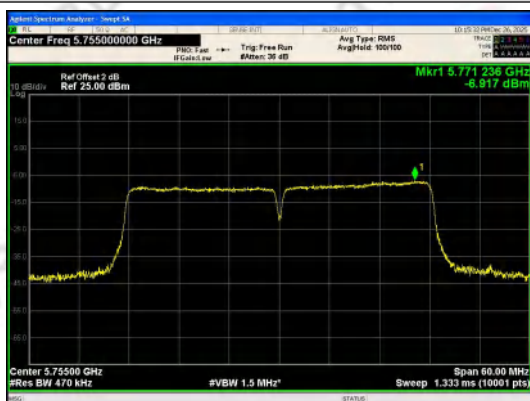
IEEE 802.11n_Channel 149_20MHz_Antenna 0



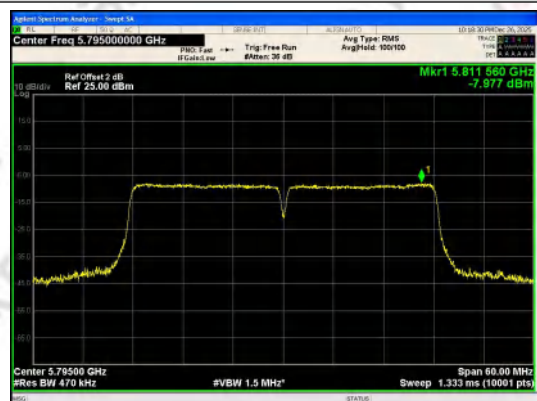
IEEE 802.11n_Channel 157_20MHz_Antenna 0



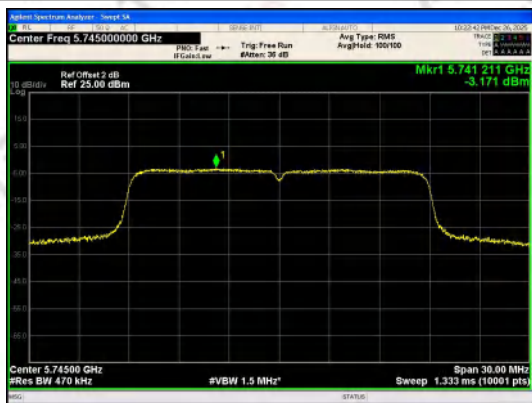
IEEE 802.11n_Channel 165_20MHz_Antenna 0



IEEE 802.11n_Channel 151_40MHz_Antenna 0



IEEE 802.11n_Channel 159_40MHz_Antenna 0



IEEE 802.11ac_Channel 149_20MHz_Antenna

0



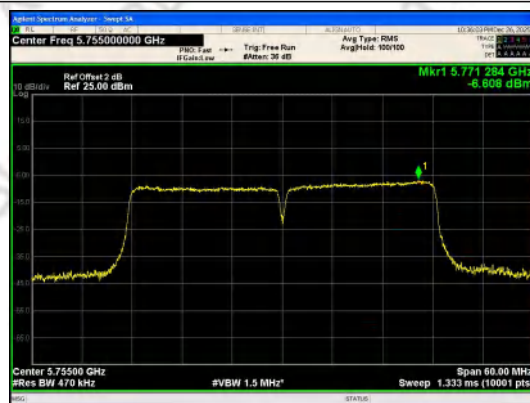
IEEE 802.11ac_Channel 157_20MHz_Antenna

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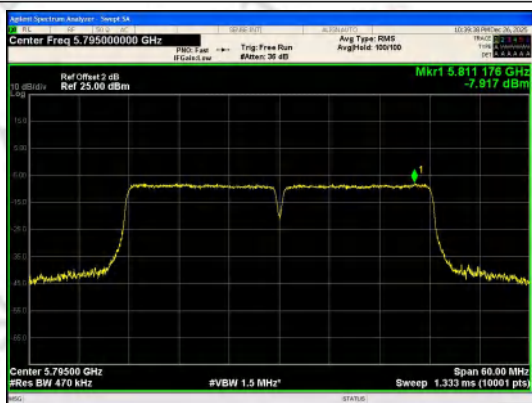
IEEE 802.11ac_Channel 165_20MHz_Antenna

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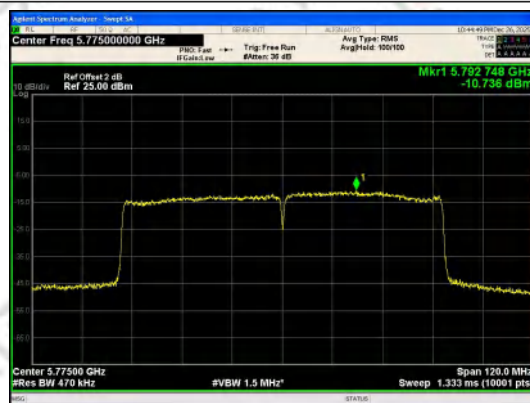
IEEE 802.11ac_Channel 151_40MHz_Antenna

0



IEEE 802.11ac_Channel 159_40MHz_Antenna

0



IEEE 802.11ac_Channel 155_80MHz_Antenna

0

D5.Conducted Spurious & Band Edge 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	5150.00	-31.506	-27	-5.000	PASS
			5150.00	-31.100	-27	-4.100	PASS
			5350.00	-40.022	-27	-13.000	PASS
			5460.00	-39.200	-27	-12.000	PASS
			24928.3	-43.405	-27	-16.410	PASS
	40		5148.00	-39.916	-27	-13.000	PASS
			5148.46	-42.762	-27	-15.760	PASS
			5150.00	-40.130	-27	-13.000	PASS
			5350.00	-40.899	-27	-14.000	PASS
			5460.00	-38.316	-27	-11.000	PASS
	48		24913.5	-40.796	-27	-13.800	PASS
			2426.80	-42.149	-27	-15.150	PASS
			5148.00	-40.343	-27	-13.000	PASS
			5150.00	-40.396	-27	-13.000	PASS
			5350.00	-40.930	-27	-14.000	PASS
			5460.00	-39.983	-27	-13.000	PASS
IEEE 802.11n_20	36		24948.9	-43.080	-27	-16.080	PASS
			5147.06	-27.985	-27	-0.980	PASS
			5150.00	-29.911	-27	-3.000	PASS
			5350.00	-39.588	-27	-13.000	PASS
			5459.04	-38.853	-27	-12.000	PASS
	40		24887.5	-42.428	-27	-15.430	PASS
			5142.24	-38.364	-27	-11.000	PASS
			5147.31	-37.820	-27	-10.820	PASS
			5150.00	-38.441	-27	-11.000	PASS
			5350.00	-39.900	-27	-13.000	PASS
	48		5460.00	-38.524	-27	-12.000	PASS
			24838.9	-42.549	-27	-15.550	PASS
			4192.56	-51.871	-27	-24.870	PASS
			5141.28	-39.427	-27	-12.000	PASS
			5150.00	-40.105	-27	-13.000	PASS
			5350.00	-39.592	-27	-13.000	PASS
IEEE 802.11n_40	38		5460.00	-38.758	-27	-12.000	PASS
			24925.3	-43.436	-27	-16.440	PASS
			5149.62	-29.347	-27	-2.350	PASS
			5150.00	-28.217	-27	-1.000	PASS
			5350.00	-40.682	-27	-14.000	PASS
		5460.00	-40.123	-27	-13.000	PASS	
		24827.6	-43.252	-27	-16.250	PASS	

	46	5146.03	-43.297	-27	-16.300	PASS
		5148.96	-40.232	-27	-13.000	PASS
		5150.00	-40.861	-27	-14.000	PASS
		5350.00	-40.469	-27	-13.000	PASS
		5460.00	-39.944	-27	-13.000	PASS
		24927.3	-43.415	-27	-16.410	PASS
IEEE 802.11ac_20	36	5148.72	-27.665	-27	-0.660	PASS
		5150.00	-28.526	-27	-2.000	PASS
		5350.00	-40.823	-27	-14.000	PASS
		5460.00	-38.748	-27	-12.000	PASS
		24870.8	-42.660	-27	-15.660	PASS
	40	5147.82	-35.975	-27	-8.980	PASS
		5150.00	-37.037	-27	-10.000	PASS
		5350.00	-39.673	-27	-13.000	PASS
		5454.24	-38.961	-27	-12.000	PASS
		24806.0	-42.912	-27	-15.910	PASS
	48	2420.53	-45.681	-27	-18.680	PASS
		5149.92	-40.213	-27	-13.000	PASS
		5150.00	-40.213	-27	-13.000	PASS
		5350.00	-40.441	-27	-13.000	PASS
		5460.00	-39.478	-27	-12.000	PASS
		24904.2	-43.072	-27	-16.070	PASS
		5148.98	-31.668	-27	-4.670	PASS
IEEE 802.11ac_40	38	5149.92	-33.804	-27	-7.000	PASS
		5150.00	-33.804	-27	-7.000	PASS
		5350.00	-41.435	-27	-14.000	PASS
		5460.00	-40.901	-27	-14.000	PASS
		24822.7	-43.423	-27	-16.420	PASS
	46	5134.38	-42.320	-27	-15.320	PASS
		5150.00	-38.651	-27	-12.000	PASS
		5350.00	-40.159	-27	-13.000	PASS
		5460.00	-39.004	-27	-12.000	PASS
		24861.0	-43.322	-27	-16.320	PASS
IEEE 802.11ac_80	42	5145.65	-29.183	-27	-2.180	PASS
		5149.92	-30.510	-27	-4.000	PASS
		5150.00	-30.510	-27	-4.000	PASS
		5350.00	-38.063	-27	-11.000	PASS
		5357.86	-40.699	-27	-13.700	PASS
		5359.20	-37.937	-27	-11.000	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	149	0	4596.67	-47.133	-27	-20.130	PASS
			5631.50	-46.650	-27.0	-19.650	PASS
			5651.38	-47.800	-25.98	-21.820	PASS
			5719.25	-31.760	15.39	-47.150	PASS
			5723.75	-23.580	24.15	-47.730	PASS
			5752.62	7.300	27.0	-19.700	PASS
			5854.62	-48.710	16.46	-65.170	PASS
			5874.88	-48.320	10.03	-58.350	PASS
			5924.75	-49.080	-26.82	-22.260	PASS
			5960.75	-46.630	-27.0	-19.630	PASS
			24870.8	-54.479	-27	-27.480	PASS
	157		4628.42	-48.308	-27	-21.310	PASS
			5613.50	-46.540	-27.0	-19.540	PASS
			5651.38	-48.170	-25.98	-22.190	PASS
			5703.50	-46.380	10.98	-57.360	PASS
			5720.00	-49.680	15.6	-65.280	PASS
			5781.50	10.210	27.0	-16.790	PASS
			5854.25	-48.100	17.31	-65.410	PASS
			5874.50	-48.050	10.14	-58.190	PASS
			5924.38	-49.120	-26.54	-22.580	PASS
			5928.12	-47.140	-27.0	-20.140	PASS
			24922.3	-54.443	-27	-27.440	PASS
	165		4660.32	-45.745	-27	-18.740	PASS
			5643.88	-46.880	-27.0	-19.880	PASS
			5650.62	-47.860	-26.53	-21.330	PASS
			5701.62	-47.570	10.45	-58.020	PASS
			5720.38	-49.120	16.46	-65.580	PASS
			5828.75	7.030	27.0	-19.970	PASS
			5854.62	-33.610	16.45	-50.060	PASS
			5855.38	-31.720	15.49	-47.210	PASS
			5924.75	-48.480	-26.81	-21.670	PASS
			5975.00	-46.900	-27.0	-19.900	PASS
			24929.9	-53.352	-27	-26.350	PASS
IEEE 802.11n_20	149	4596.81	-47.277	-27	-20.280	PASS	
		5609.00	-45.490	-27.0	-18.490	PASS	
		5650.25	-48.890	-26.82	-22.070	PASS	
		5718.88	-32.060	15.28	-47.340	PASS	
		5720.75	-26.690	17.31	-44.000	PASS	
		5750.00	7.440	27.0	-19.560	PASS	
		5854.62	-50.390	16.46	-66.850	PASS	
		5874.50	-47.800	10.14	-57.940	PASS	

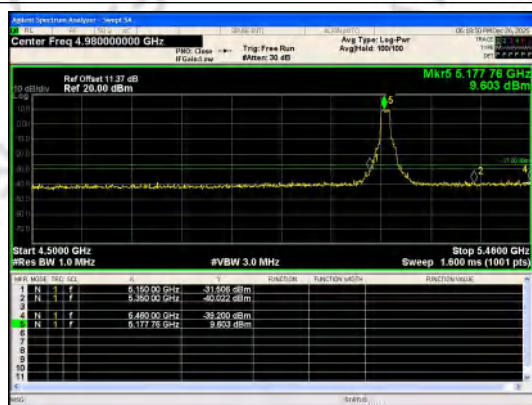
IEEE 802.11n_40	157	5923.25	-46.260	-25.71	-20.550	PASS
		5942.75	-46.320	-27.0	-19.320	PASS
		24859.8	-53.716	-27	-26.720	PASS
		4628.28	-46.985	-27	-19.980	PASS
		5605.25	-47.800	-27.0	-20.800	PASS
		5651.00	-49.220	-26.26	-22.960	PASS
		5700.50	-47.630	10.14	-57.770	PASS
		5720.75	-45.940	17.31	-63.250	PASS
		5781.88	10.460	27.0	-16.540	PASS
		5854.62	-48.110	16.46	-64.570	PASS
		5874.88	-48.040	10.03	-58.070	PASS
		5924.75	-48.180	-26.81	-21.370	PASS
		5935.62	-47.400	-27.0	-20.400	PASS
		24939.0	-54.716	-27	-27.720	PASS
	165	4660.74	-42.124	-27	-15.120	PASS
		5610.12	-46.490	-27.0	-19.490	PASS
		5650.25	-49.790	-26.81	-22.980	PASS
		5701.62	-48.610	10.46	-59.070	PASS
		5720.00	-48.740	15.6	-64.340	PASS
		5832.12	9.100	27.0	-17.900	PASS
		5854.62	-36.240	16.46	-52.700	PASS
		5856.50	-33.870	15.18	-49.050	PASS
		5922.50	-46.280	-25.15	-21.130	PASS
		5939.38	-47.000	-27.0	-20.000	PASS
		6990.34	-53.098	-27	-26.100	PASS
		4604.54	-47.206	-27	-20.210	PASS
		5648.00	-47.140	-27.0	-20.140	PASS
		5652.12	-47.240	-25.43	-21.810	PASS
		5717.75	-25.780	14.97	-40.750	PASS
	151	5721.12	-22.860	18.16	-41.020	PASS
		5769.50	6.400	27.0	-20.600	PASS
		5854.62	-48.850	16.46	-65.310	PASS
		5874.12	-47.480	10.24	-57.720	PASS
		5924.75	-48.370	-26.81	-21.560	PASS
		5931.12	-47.210	-27.0	-20.210	PASS
		24812.6	-55.000	-27	-28.000	PASS
	159	5332.61	-48.634	-27	-21.630	PASS
		5621.00	-46.960	-27.0	-19.960	PASS
		5651.75	-47.820	-25.71	-22.110	PASS
		5702.00	-47.440	10.56	-58.000	PASS
		5720.00	-46.140	15.6	-61.740	PASS
		5779.25	5.190	27.0	-21.810	PASS
		5854.25	-41.770	17.31	-59.080	PASS
		5862.12	-42.830	13.61	-56.440	PASS
		5924.75	-49.620	-26.81	-22.810	PASS

IEEE 802.11ac_20	149	5928.50	-46.840	-27.0	-19.840	PASS
		24982.4	-54.663	-27	-27.660	PASS
		4596.67	-43.506	-27	-16.510	PASS
		5635.25	-46.790	-27.0	-19.790	PASS
		5650.62	-49.770	-26.54	-23.230	PASS
		5711.75	-30.380	13.29	-43.670	PASS
		5721.12	-19.390	18.17	-37.560	PASS
		5750.00	9.700	27.0	-17.300	PASS
		5854.62	-47.790	16.45	-64.240	PASS
		5872.25	-46.790	10.77	-57.560	PASS
	157	5924.38	-49.050	-26.53	-22.520	PASS
		5957.38	-46.760	-27.0	-19.760	PASS
		24980.0	-54.636	-27	-27.640	PASS
		4628.42	-46.315	-27	-19.310	PASS
		5643.88	-47.160	-27.0	-20.160	PASS
		5650.25	-49.880	-26.82	-23.060	PASS
		5700.12	-48.720	10.03	-58.750	PASS
		5720.38	-47.560	16.46	-64.020	PASS
		5782.62	10.690	27.0	-16.310	PASS
		5854.25	-47.370	17.31	-64.680	PASS
	165	5873.75	-47.180	10.35	-57.530	PASS
		5924.75	-48.180	-26.81	-21.370	PASS
		5949.12	-46.880	-27.0	-19.880	PASS
		24905.1	-53.910	-27	-26.910	PASS
		4660.18	-42.260	-27	-15.260	PASS
		5613.88	-46.770	-27.0	-19.770	PASS
		5650.25	-48.930	-26.82	-22.110	PASS
		5707.62	-47.110	12.13	-59.240	PASS
		5720.38	-47.420	16.45	-63.870	PASS
		5821.62	9.860	27.0	-17.140	PASS
IEEE 802.11ac_40	151	5854.62	-35.720	16.46	-52.180	PASS
		5855.00	-35.550	15.6	-51.150	PASS
		5924.75	-49.340	-26.82	-22.520	PASS
		5927.38	-46.780	-27.0	-19.780	PASS
		24920.8	-55.052	-27	-28.050	PASS
		4604.40	-47.771	-27	-20.770	PASS
		5603.75	-45.520	-27.0	-18.520	PASS
		5651.38	-46.860	-25.99	-20.870	PASS
		5718.12	-23.430	15.07	-38.500	PASS
		5721.12	-24.080	18.17	-42.250	PASS
		5771.75	6.380	27.0	-20.620	PASS
		5854.25	-48.040	17.31	-65.350	PASS
		5870.38	-47.390	11.29	-58.680	PASS
		5924.75	-48.190	-26.82	-21.370	PASS
		5938.62	-47.000	-27.0	-20.000	PASS

IEEE 802.11ac_80	159	24926.6	-55.166	-27	-28.170	PASS
		5333.03	-49.764	-27	-22.760	PASS
		5632.62	-46.500	-27.0	-19.500	PASS
		5651.00	-48.740	-26.26	-22.480	PASS
		5703.12	-45.930	10.88	-56.810	PASS
		5720.00	-45.700	15.6	-61.300	PASS
		5811.50	5.710	27.0	-21.290	PASS
		5854.62	-43.170	16.46	-59.630	PASS
		5864.38	-43.190	12.98	-56.170	PASS
		5924.75	-49.090	-26.82	-22.270	PASS
		5930.38	-46.920	-27.0	-19.920	PASS
		24891.7	-55.095	-27	-28.090	PASS
		5633.75	-44.530	-27.0	-17.530	PASS
		5646.77	-46.385	-27	-19.380	PASS
		5650.25	-44.810	-26.82	-17.990	PASS
IEEE 802.11ac_80	155	5701.25	-32.770	10.35	-43.120	PASS
		5720.38	-29.680	16.45	-46.130	PASS
		5798.00	3.950	27.0	-23.050	PASS
		5854.25	-31.800	17.31	-49.110	PASS
		5866.62	-31.760	12.34	-44.100	PASS
		5924.00	-45.530	-26.26	-19.270	PASS
		5929.29	-51.249	-27	-24.250	PASS
		5940.50	-42.630	-27.0	-15.630	PASS

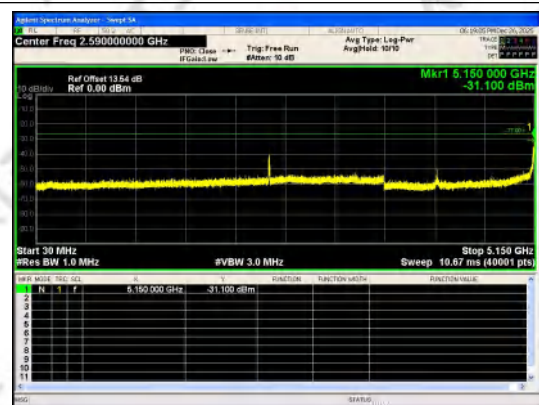
Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs



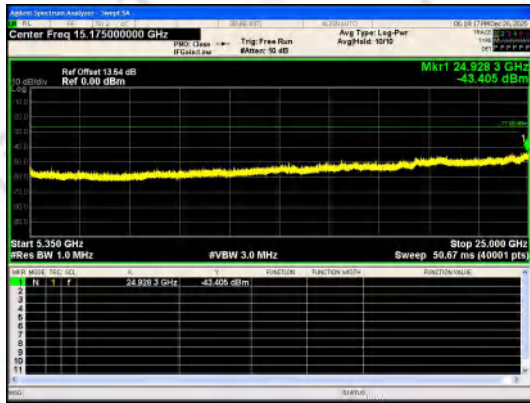
Out Of Band Emission

IEEE 802.11a_Channel 36_20MHz_Antenna 0

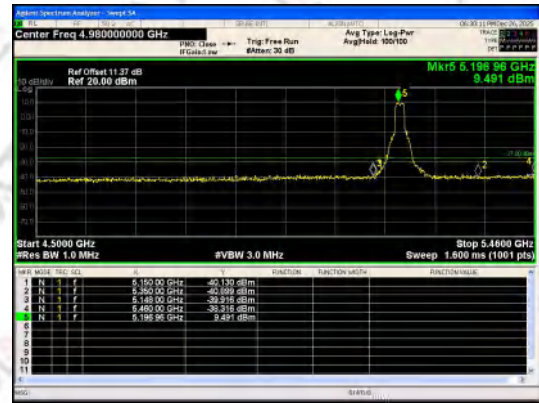


Spurious Emission:30.0~5150 MHz

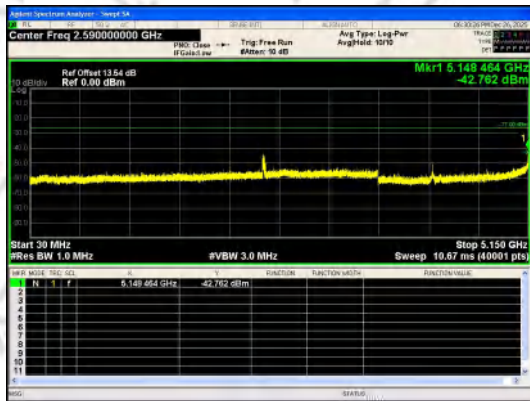
IEEE 802.11a_Channel 36_20MHz_Antenna 0



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



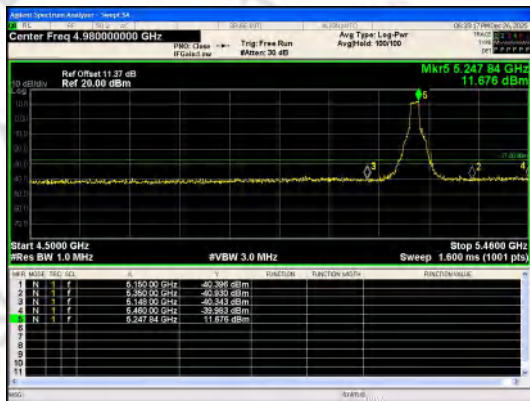
Out Of Band Emission
IEEE 802.11a_Channel 40_20MHz_Antenna 0



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



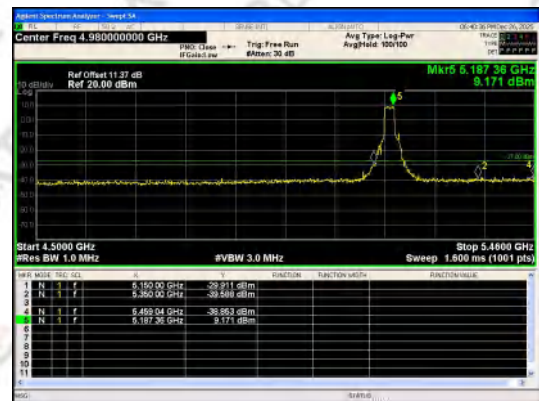
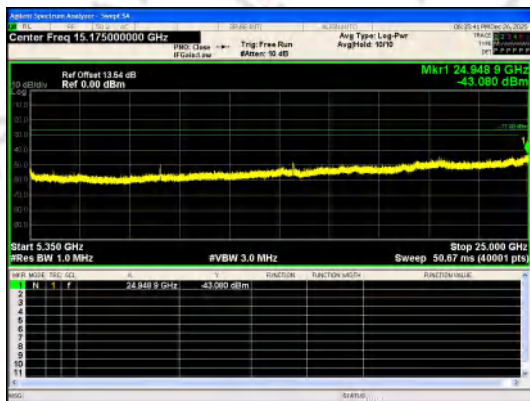
Spurious Emission:5350~25000.0 MHz
IEEE 802.11a_Channel 40_20MHz_Antenna 0



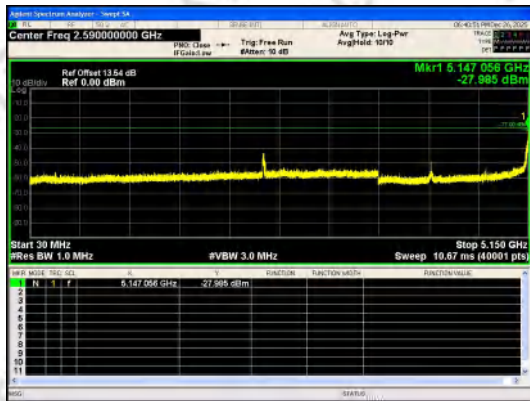
Out Of Band Emission
IEEE 802.11a_Channel 48_20MHz_Antenna 0



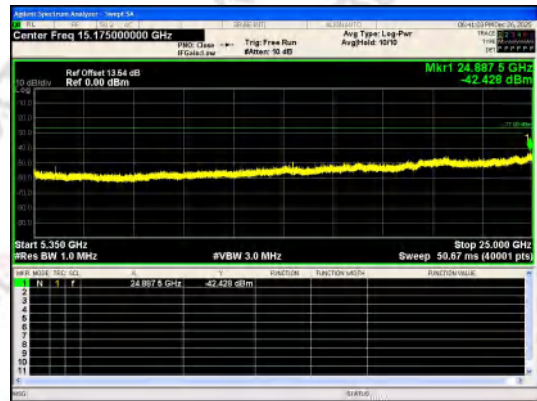
Spurious Emission:30.0~5150 MHz
IEEE 802.11a_Channel 48_20MHz_Antenna 0



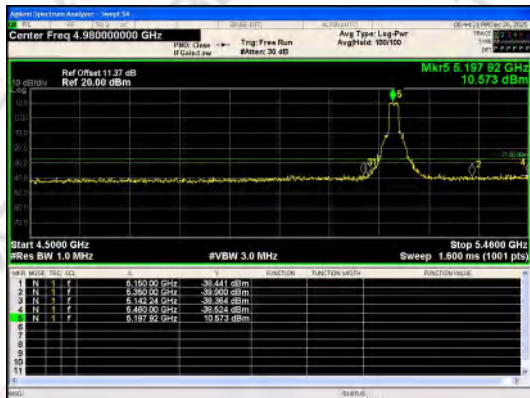
Spurious Emission:5350~25000.0 MHz
IEEE 802.11a_Channel 48_20MHz_Antenna 0



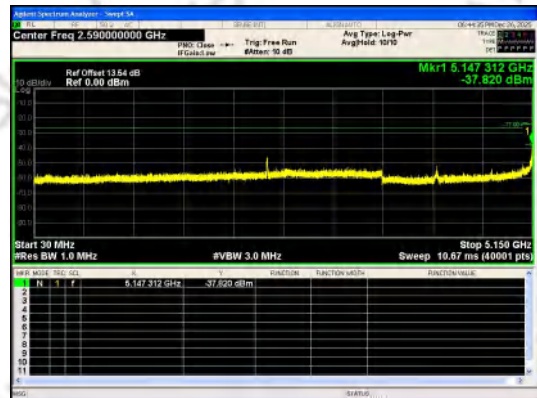
Out Of Band Emission
IEEE 802.11n_Channel 36_20MHz_Antenna 0



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



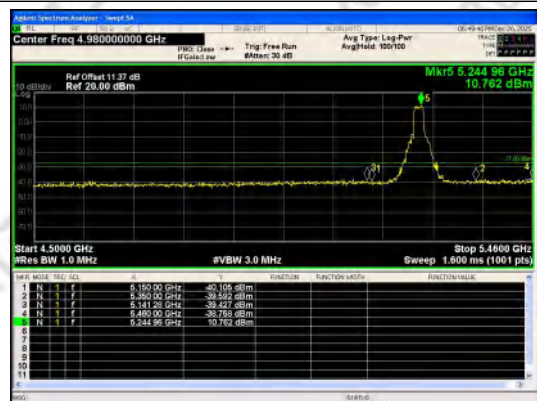
Spurious Emission:5350~25000.0 MHz
IEEE 802.11n_Channel 36_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11n_Channel 40_20MHz_Antenna 0



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



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



Out Of Band Emission
IEEE 802.11n_Channel 48_20MHz_Antenna 0

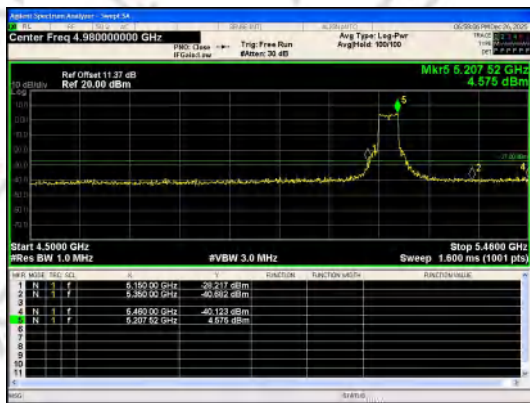




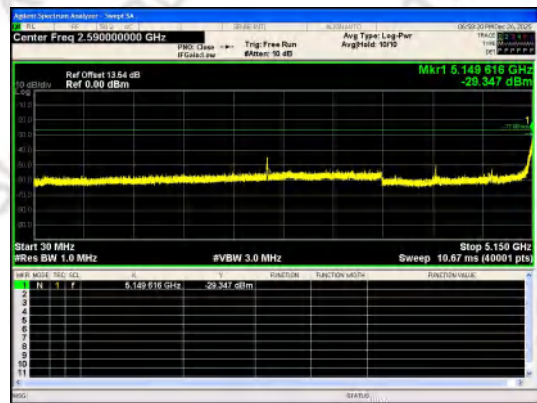
Spurious Emission:30.0~5150 MHz
IEEE 802.11n_Channel 48_20MHz_Antenna 0



Spurious Emission:5350~25000.0 MHz
IEEE 802.11n_Channel 48_20MHz_Antenna 0



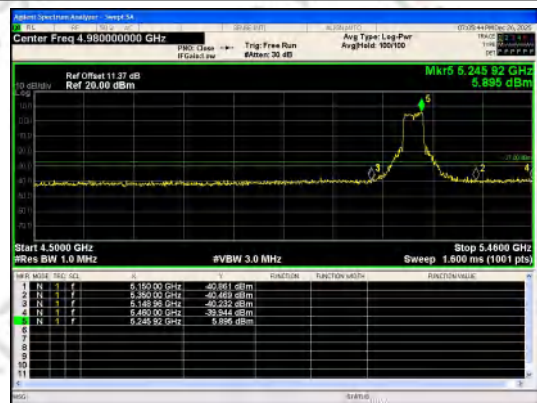
Out Of Band Emission
IEEE 802.11n_Channel 38_40MHz_Antenna 0



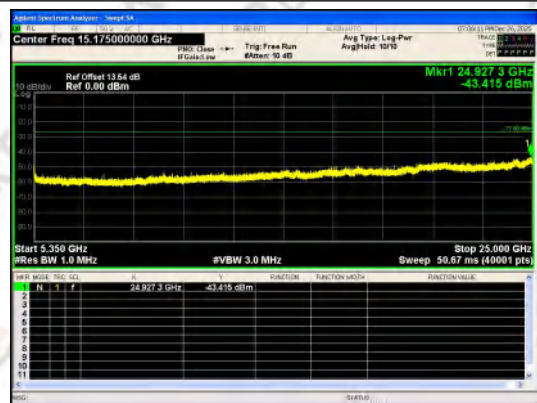
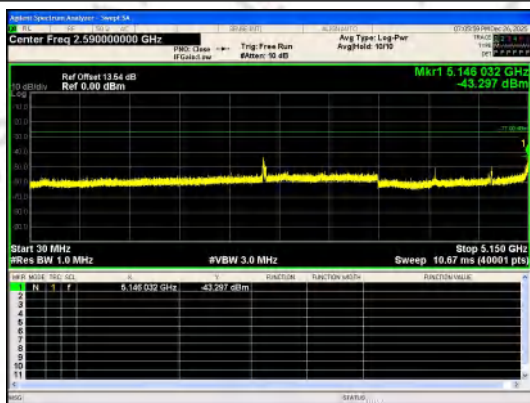
Spurious Emission:30.0~5150 MHz
IEEE 802.11n_Channel 38_40MHz_Antenna 0



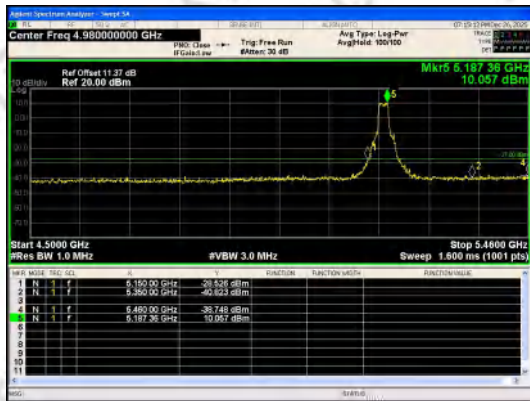
Spurious Emission:5350~25000.0 MHz
IEEE 802.11n_Channel 38_40MHz_Antenna 0



Out Of Band Emission
IEEE 802.11n_Channel 46_40MHz_Antenna 0



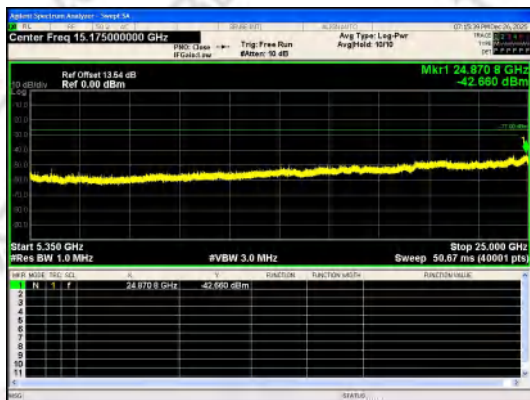
Spurious Emission:30.0~5150 MHz
IEEE 802.11n_Channel 46_40MHz_Antenna 0



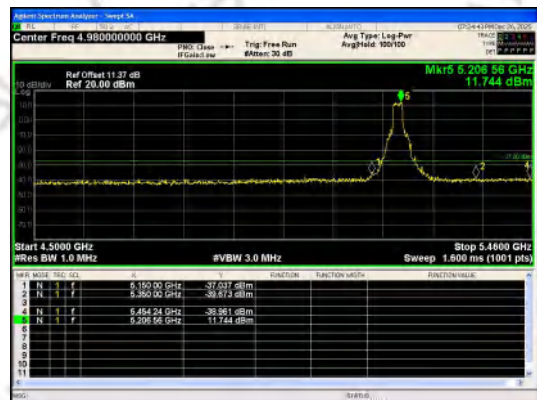
Spurious Emission:5350~25000.0 MHz
IEEE 802.11n_Channel 46_40MHz_Antenna 0



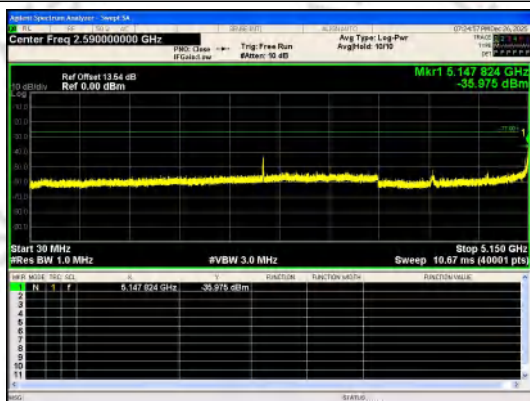
Out Of Band Emission
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



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



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



Out Of Band Emission
IEEE 802.11ac_Channel 40_20MHz_Antenna 0

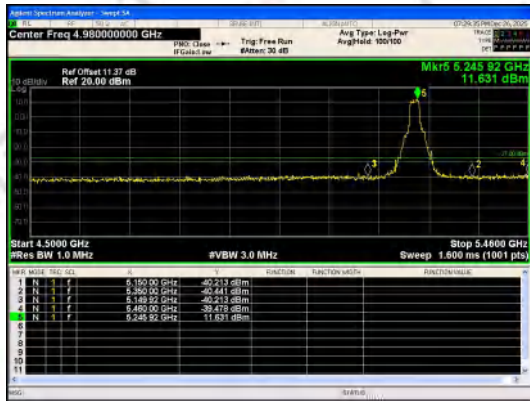


Spurious Emission:30.0~5150 MHz
IEEE 802.11ac_Channel 40_20MHz_Antenna 0

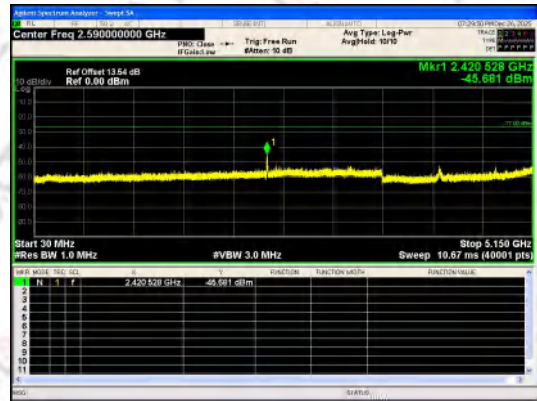


Spurious Emission:5350~25000.0 MHz
IEEE 802.11ac_Channel 40_20MHz_Antenna 0

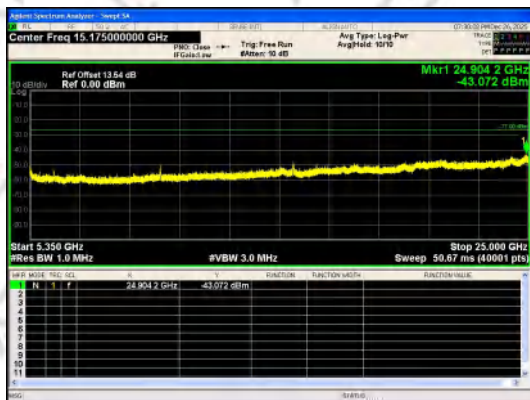




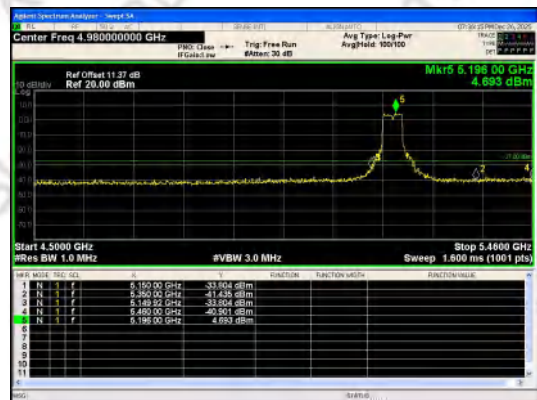
Out Of Band Emission
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



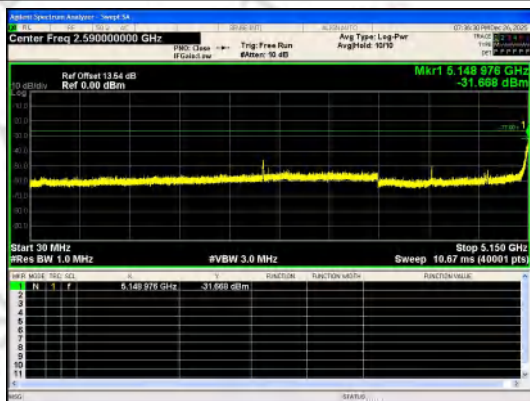
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IEEE 802.11ac_Channel 48_20MHz_Antenna 0



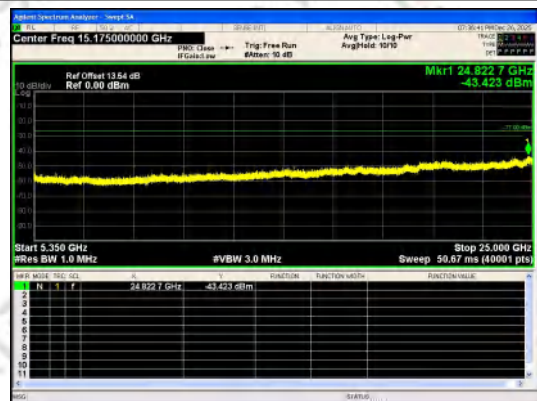
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IEEE 802.11ac_Channel 48_20MHz_Antenna 0



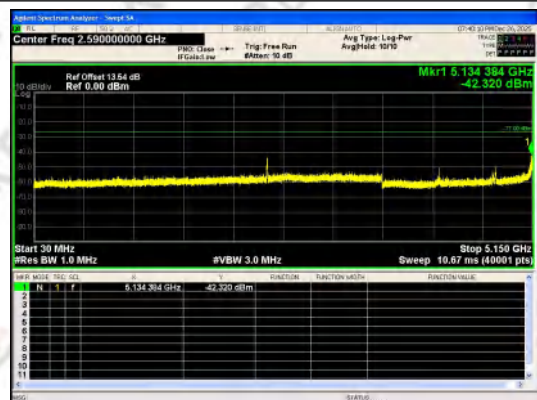
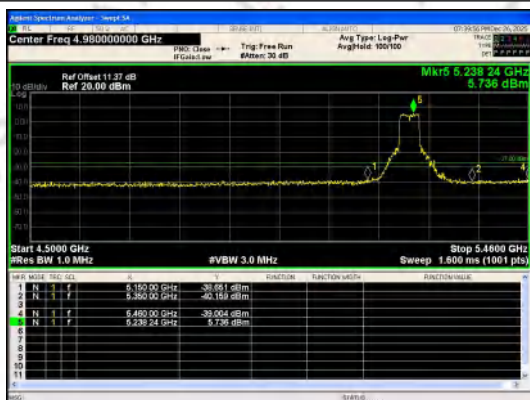
Out Of Band Emission
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



Spurious Emission:30.0~5150 MHz
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



Spurious Emission:5350~25000.0 MHz
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



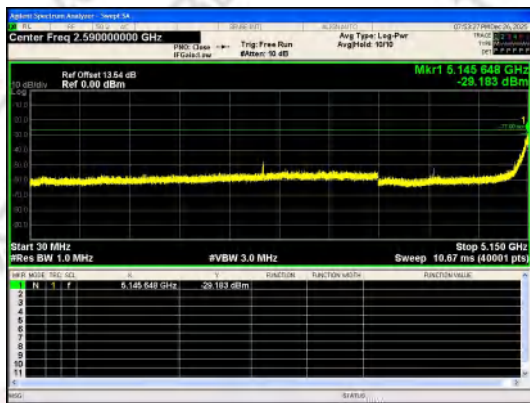
Out Of Band Emission IEEE 802.11ac_Channel 46_40MHz_Antenna 0



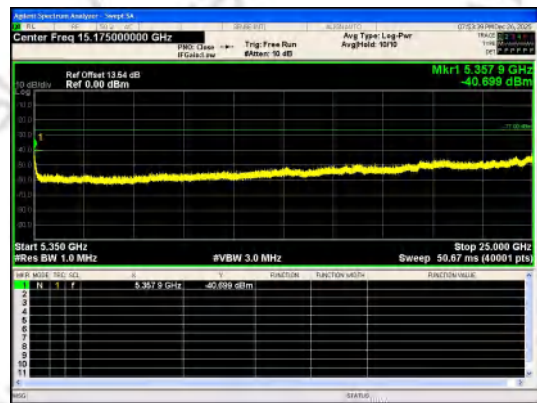
Spurious Emission:30.0~5150 MHz IEEE 802.11ac_Channel 46_40MHz_Antenna 0



Spurious Emission:5350~25000.0 MHz IEEE 802.11ac_Channel 46_40MHz_Antenna 0



Out Of Band Emission IEEE 802.11ac_Channel 42_80MHz_Antenna 0

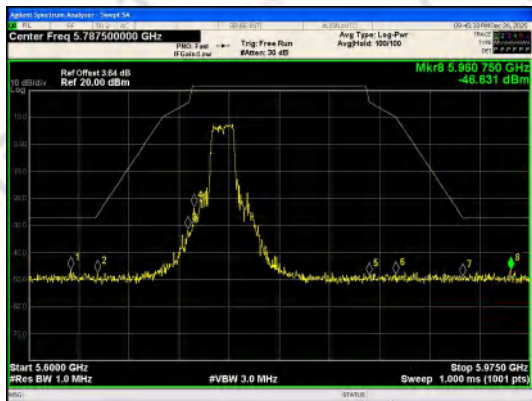


Spurious Emission:30.0~5150 MHz IEEE 802.11ac_Channel 42_80MHz_Antenna 0

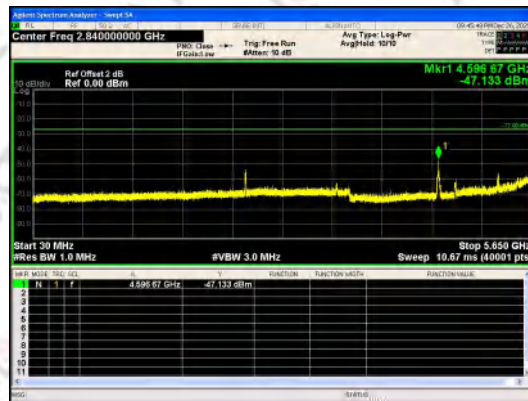


Spurious Emission:5350~25000.0 MHz IEEE 802.11ac_Channel 42_80MHz_Antenna 0

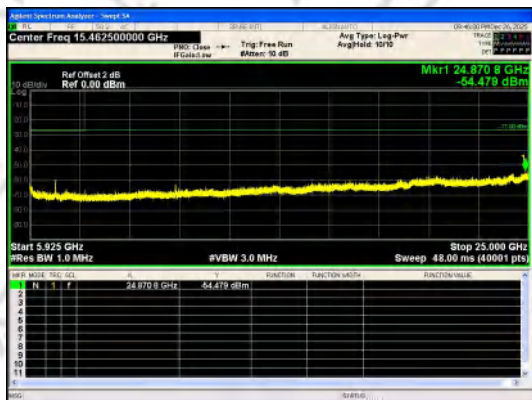




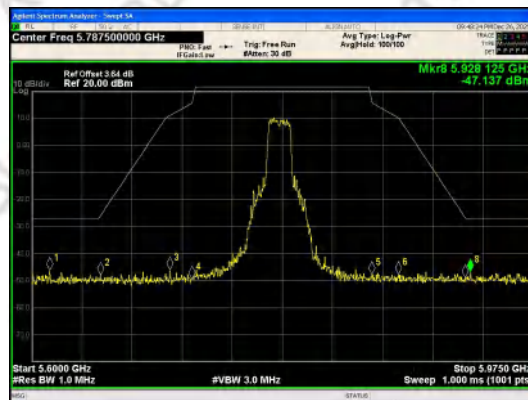
Out Of Band Emission
IEEE 802.11a_Channel 149_20MHz_Antenna 0



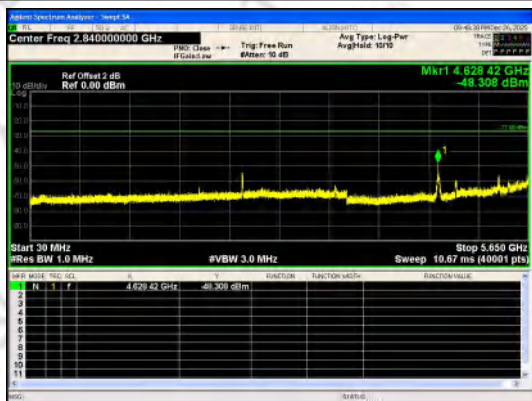
Spurious Emission:30.0~5650 MHz
IEEE 802.11a_Channel 149_20MHz_Antenna 0



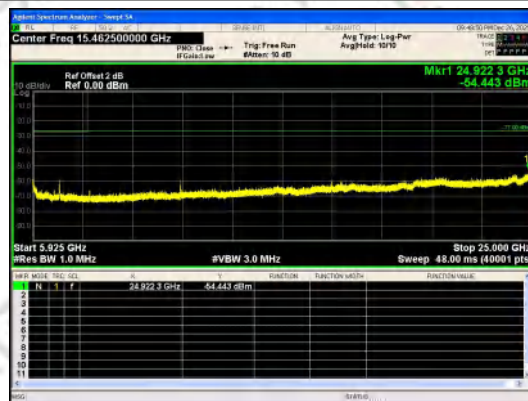
Spurious Emission:5925~25000.0 MHz
IEEE 802.11a_Channel 149_20MHz_Antenna 0



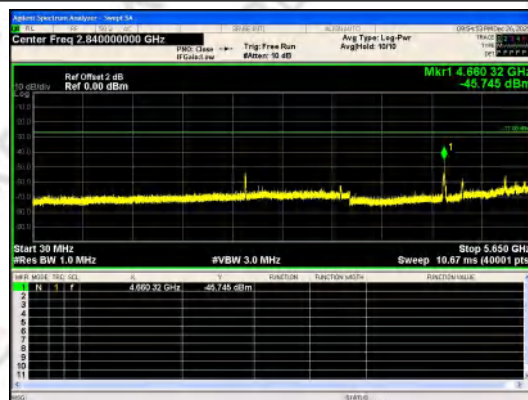
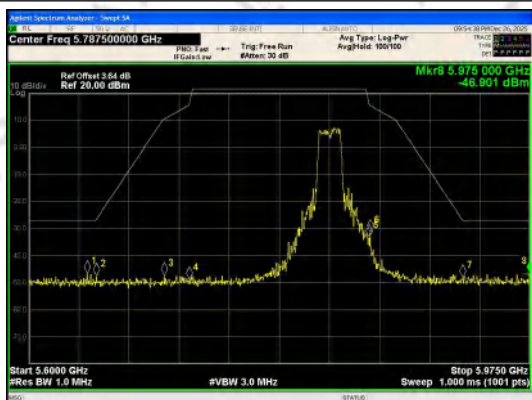
Out Of Band Emission
IEEE 802.11a_Channel 157_20MHz_Antenna 0



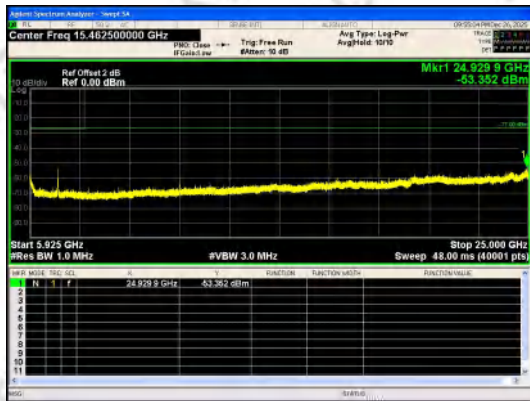
Spurious Emission:30.0~5650 MHz
IEEE 802.11a_Channel 157_20MHz_Antenna 0



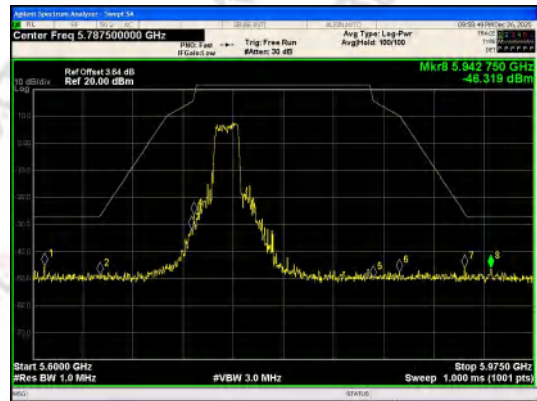
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IEEE 802.11a_Channel 157_20MHz_Antenna 0



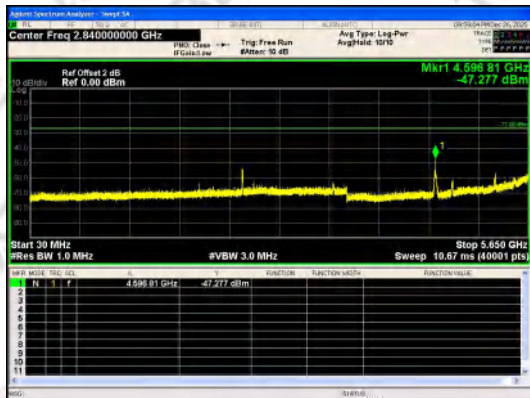
Out Of Band Emission IEEE 802.11a_Channel 165_20MHz_Antenna 0



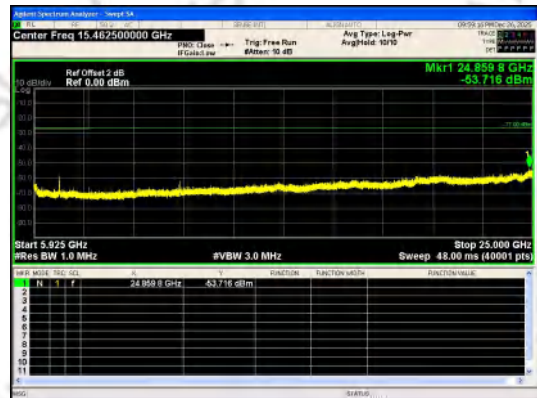
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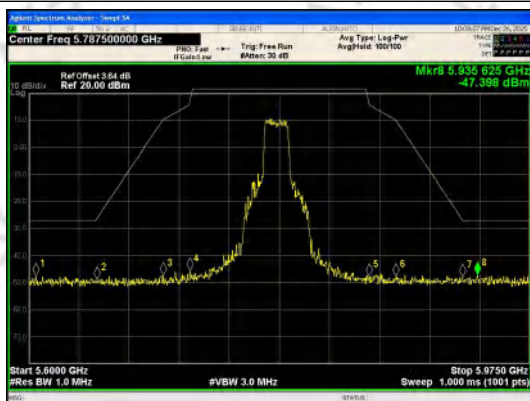
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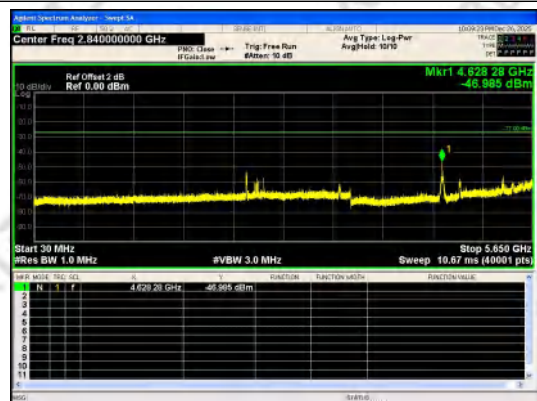
Out Of Band Emission IEEE 802.11n_Channel 149_20MHz_Antenna 0



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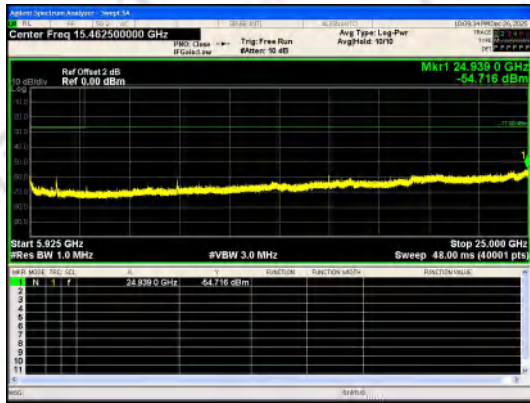


Out Of Band Emission IEEE 802.11n_Channel 157_20MHz_Antenna 0

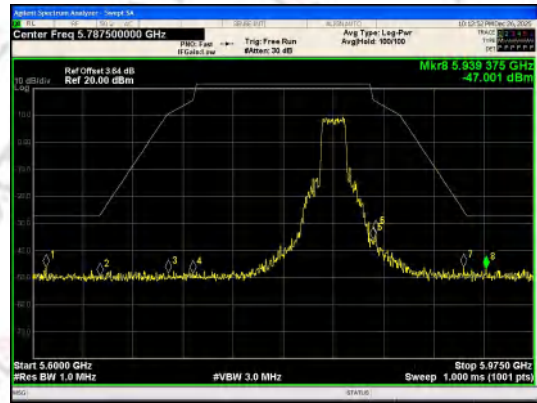


Spurious Emission:30.0~5650 MHz IEEE 802.11n_Channel 157_20MHz_Antenna 0

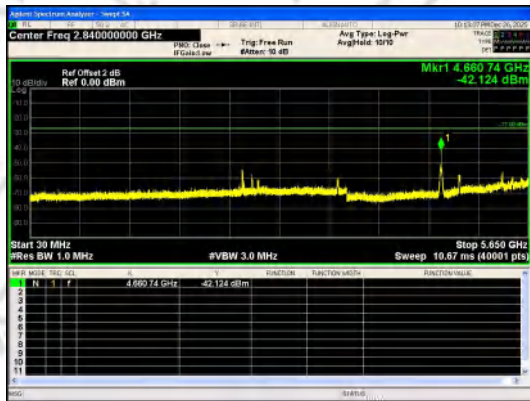




Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 157_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11n_Channel 165_20MHz_Antenna 0



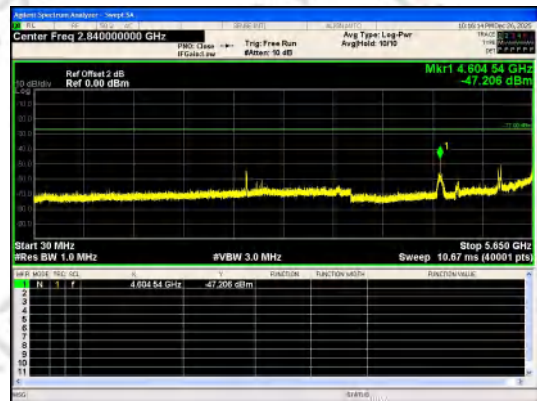
Spurious Emission:30.0~5650 MHz
IEEE 802.11n_Channel 165_20MHz_Antenna 0



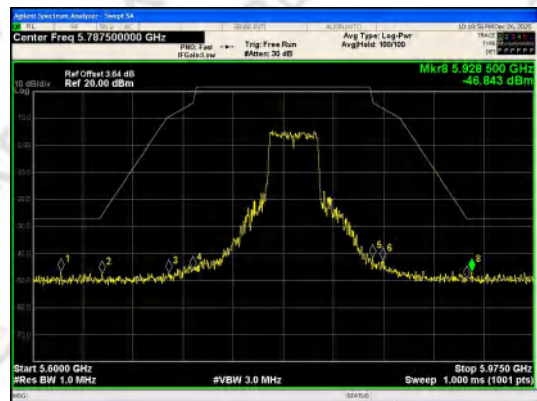
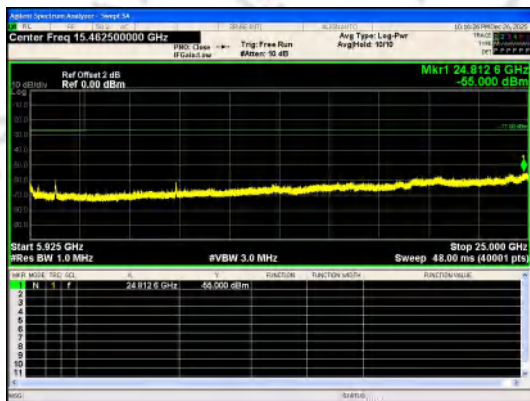
Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 165_20MHz_Antenna 0



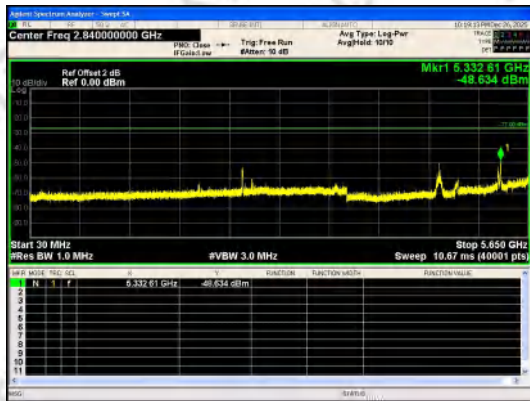
Out Of Band Emission
IEEE 802.11n_Channel 151_40MHz_Antenna 0



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



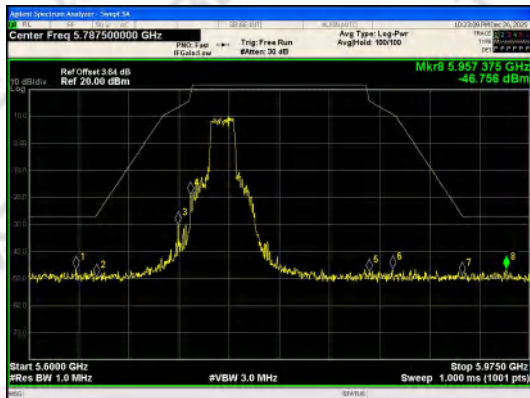
Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 151_40MHz_Antenna 0



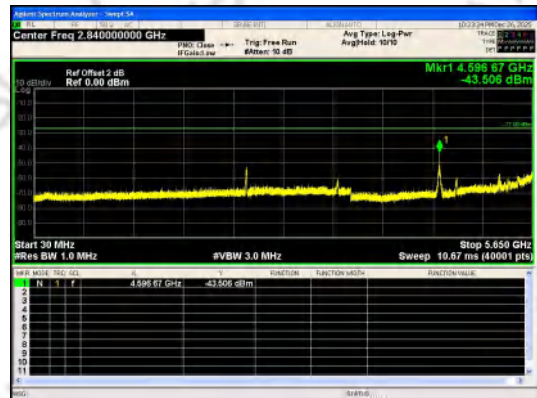
Out Of Band Emission
IEEE 802.11n_Channel 159_40MHz_Antenna 0



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



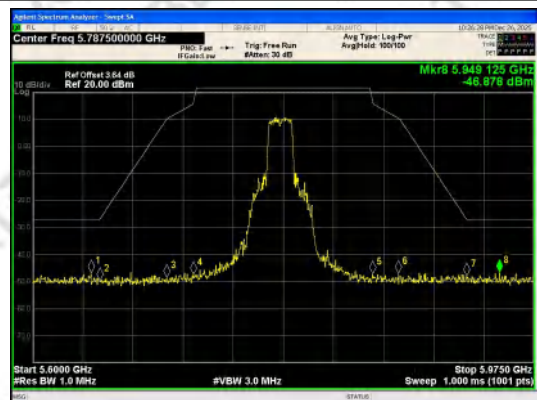
Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 159_40MHz_Antenna 0



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

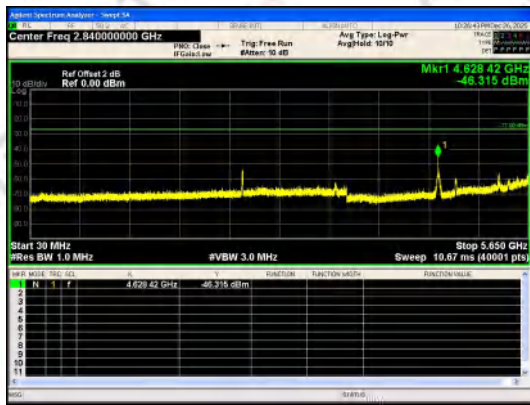


Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 149_20MHz_Antenna 0

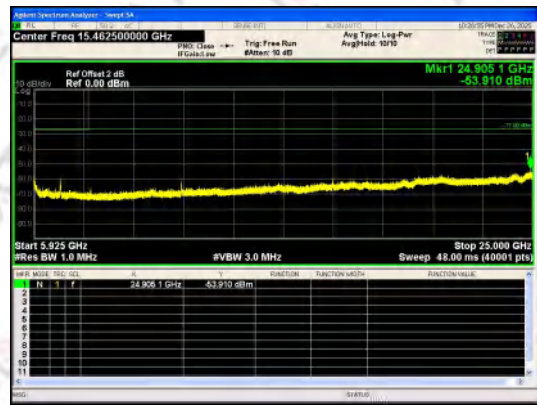


Out Of Band Emission
IEEE 802.11ac_Channel 157_20MHz_Antenna 0

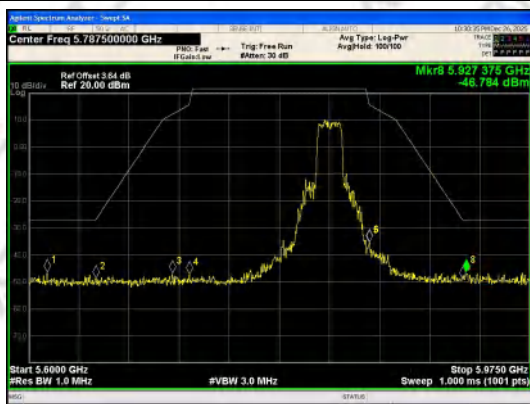




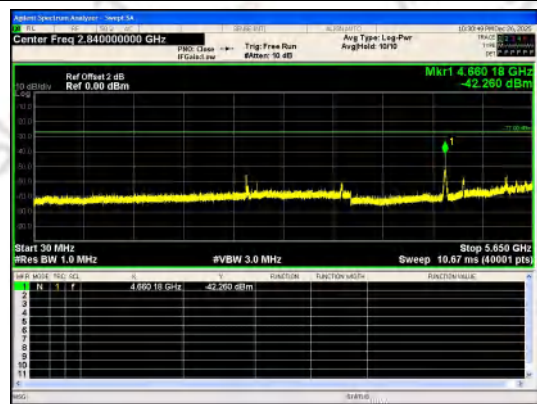
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 157_20MHz_Antenna
0



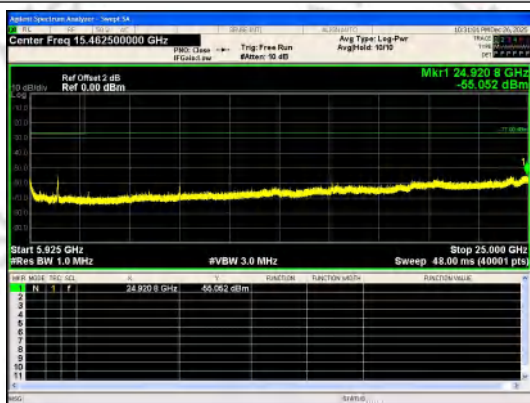
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 157_20MHz_Antenna
0



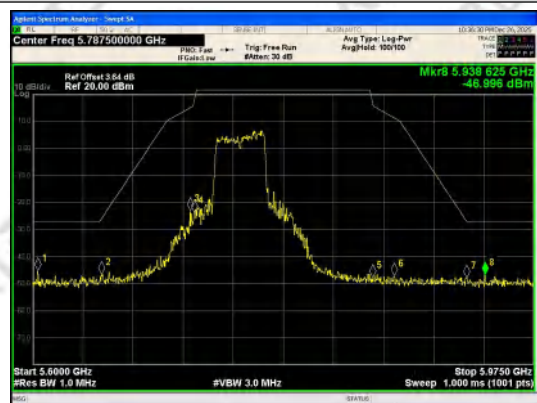
Out Of Band Emission
IEEE 802.11ac_Channel 165_20MHz_Antenna
0



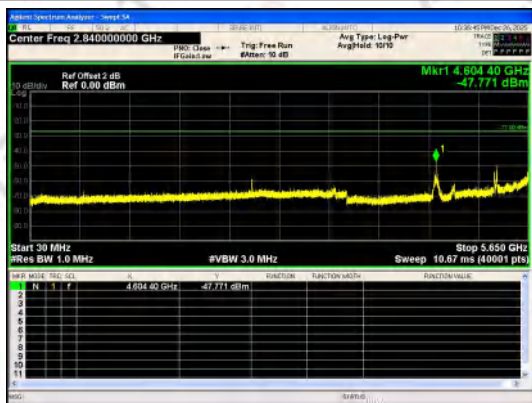
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 165_20MHz_Antenna
0



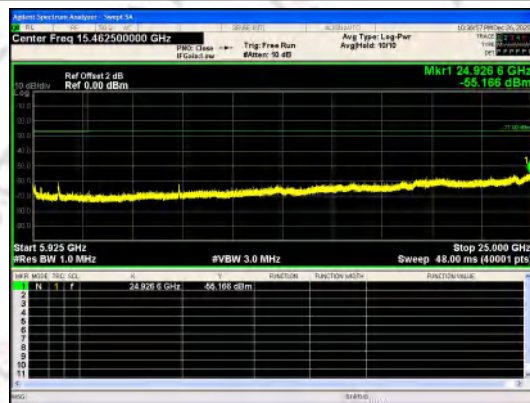
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 165_20MHz_Antenna
0



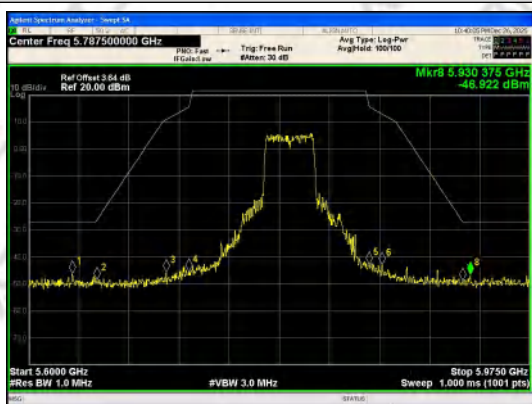
Out Of Band Emission
IEEE 802.11ac_Channel 151_40MHz_Antenna
0



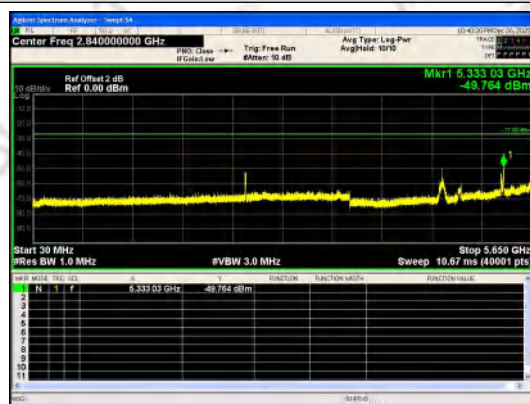
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 151_40MHz_Antenna
0



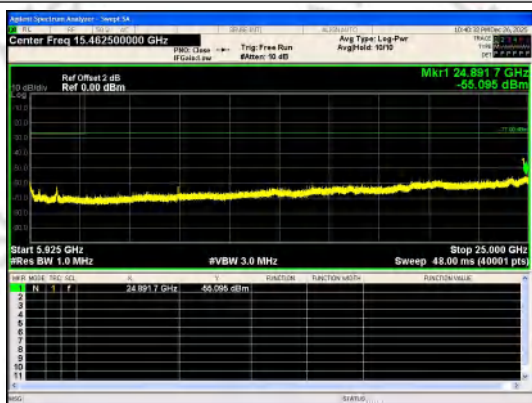
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 151_40MHz_Antenna
0



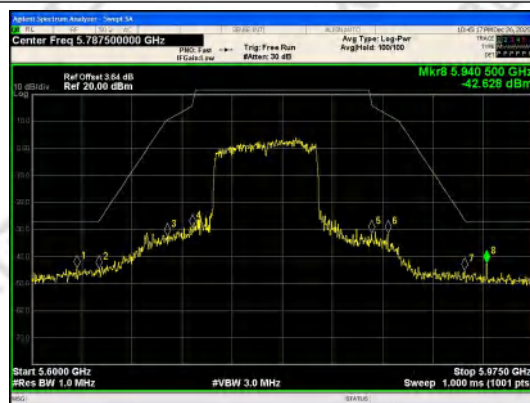
Out Of Band Emission
IEEE 802.11ac_Channel 159_40MHz_Antenna
0



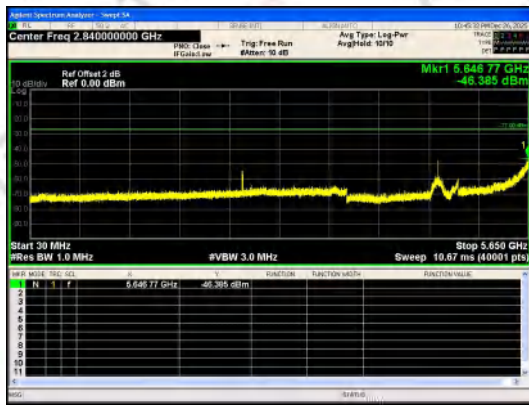
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 159_40MHz_Antenna
0



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

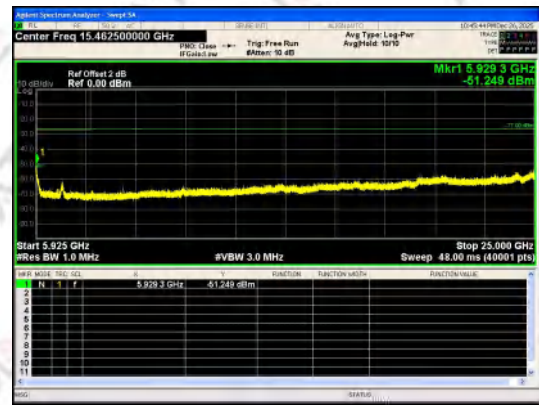


Out Of Band Emission
IEEE 802.11ac_Channel 155_80MHz_Antenna
0



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

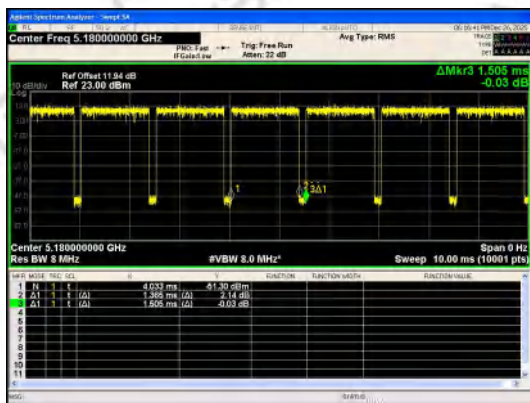
0

D6.Duty Cycle

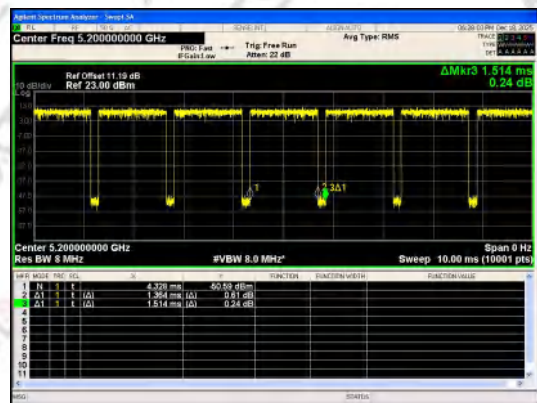
Test Result

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11a	6	36	0	1.365	1.505	90.70	0.9070	0.4239
		40		1.364	1.514	90.09	0.9009	0.4532
		48		1.364	1.523	89.56	0.8956	0.4789
IEEE 802.11n_20	36	1.151		1.302	88.45	0.8845	0.533	
	40	1.152		1.320	87.27	0.8727	0.5914	
	48	1.151		1.302	88.45	0.8845	0.533	
IEEE 802.11n_40	38	0.575		0.726	79.18	0.7918	1.0138	
	46	0.575		0.726	79.18	0.7918	1.0138	
IEEE 802.11ac_20	MCS 0	36		1.159	1.310	88.52	0.8852	0.5296
		40		1.159	1.301	89.06	0.8906	0.5032
		48		1.159	1.301	89.12	0.8912	0.5002
IEEE 802.11ac_40		38		0.582	0.734	79.35	0.7935	1.0045
		46		0.582	0.724	80.37	0.8037	0.9491
IEEE 802.11ac_80		42		0.785	1.115	70.39	0.7039	1.5249

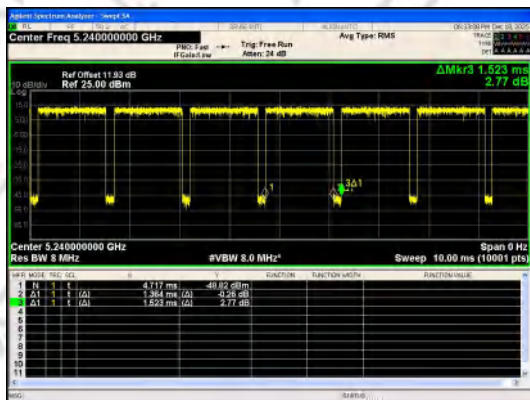
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11a	6	149	0	1.364	1.514	90.09	0.9009	0.4532
		157		1.364	1.514	90.09	0.9009	0.4532
		165		1.364	1.514	90.09	0.9009	0.4532
IEEE 802.11n_20	149	1.151		1.302	88.45	0.8845	0.533	
	157	1.151		1.302	88.45	0.8845	0.533	
	165	1.152		1.311	87.87	0.8787	0.5616	
IEEE 802.11n_40	151	0.574		0.725	79.17	0.7917	1.0144	
	159	0.574		0.716	80.15	0.8015	0.961	
IEEE 802.11ac_20	MCS 0	149		1.159	1.310	88.52	0.8852	0.5296
		157		1.159	1.310	88.52	0.8852	0.5296
		165		1.159	1.310	88.52	0.8852	0.5296
IEEE 802.11ac_40		151		0.582	0.724	80.31	0.8031	0.9523
		159		0.582	0.724	80.31	0.8031	0.9523
IEEE 802.11ac_80		155		0.290	0.441	65.68	0.6568	1.8257



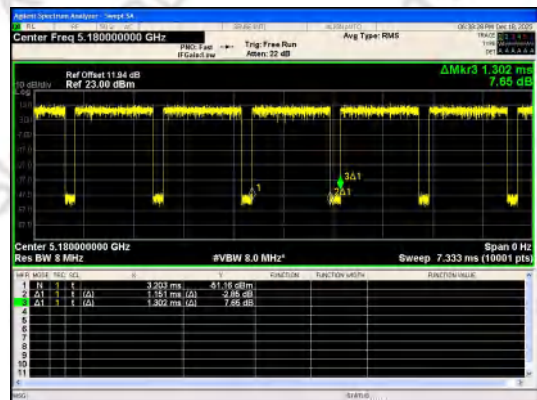
IEEE 802.11a_20MHz_Channel 36



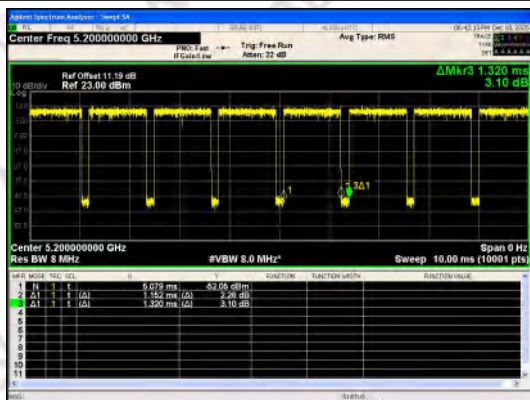
IEEE 802.11a_20MHz_Channel 40



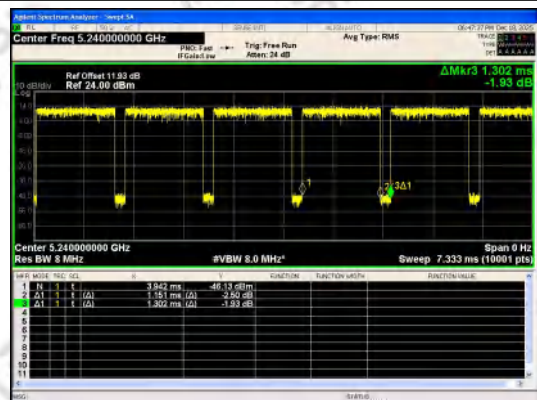
IEEE 802.11a_20MHz_Channel 48



IEEE 802.11n_20MHz_Channel 36



IEEE 802.11n_20MHz_Channel 40



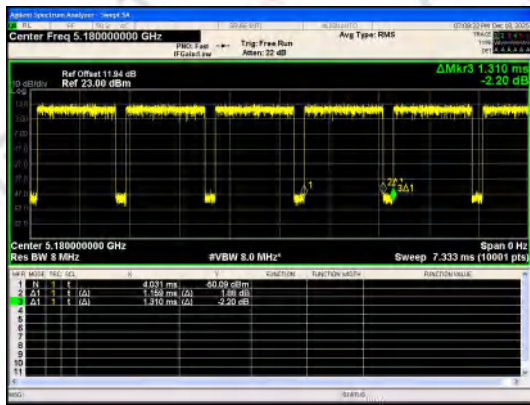
IEEE 802.11n_20MHz_Channel 48



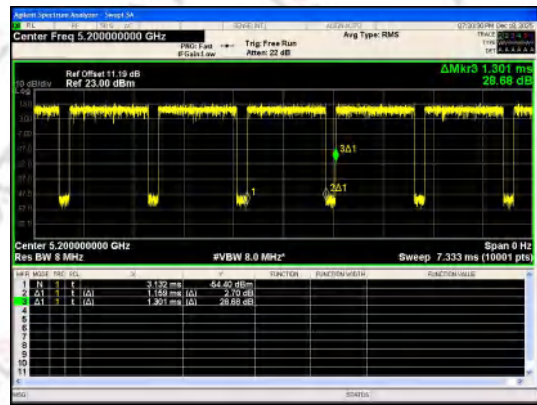
IEEE 802.11n_40MHz_Channel 38



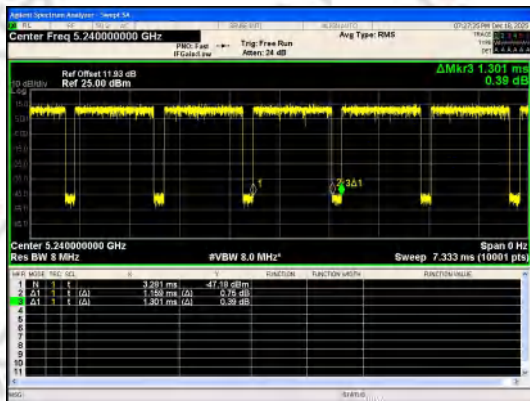
IEEE 802.11n_40MHz_Channel 46



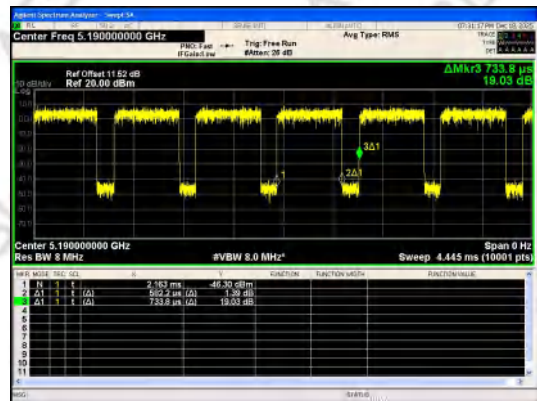
IEEE 802.11ac_20MHz_Channel 36



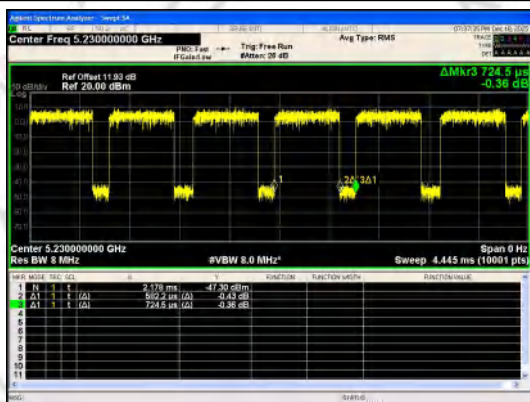
IEEE 802.11ac_20MHz_Channel 40



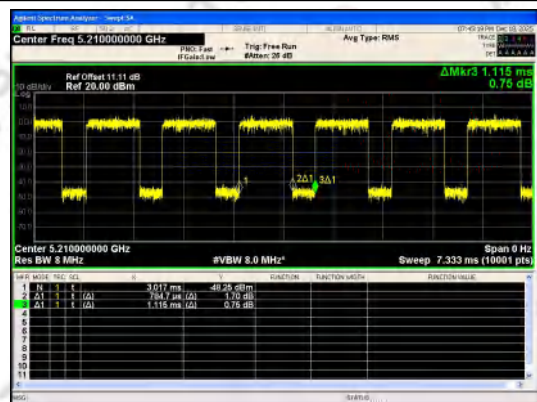
IEEE 802.11ac_20MHz_Channel 48



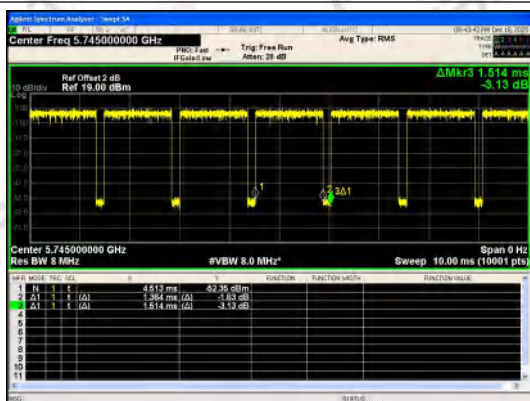
IEEE 802.11ac_40MHz_Channel 38



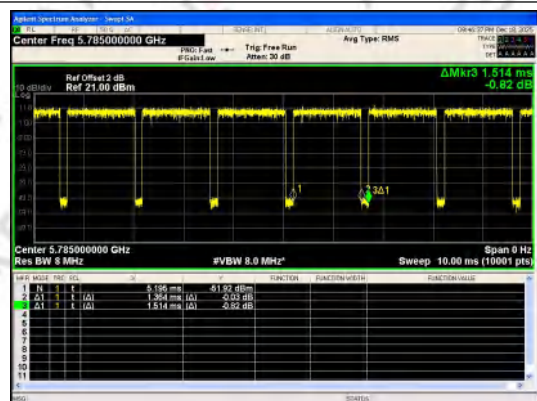
IEEE 802.11ac_40MHz_Channel 46



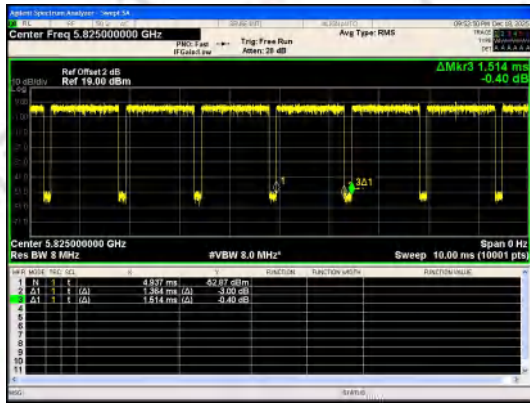
IEEE 802.11ac_80MHz_Channel 42



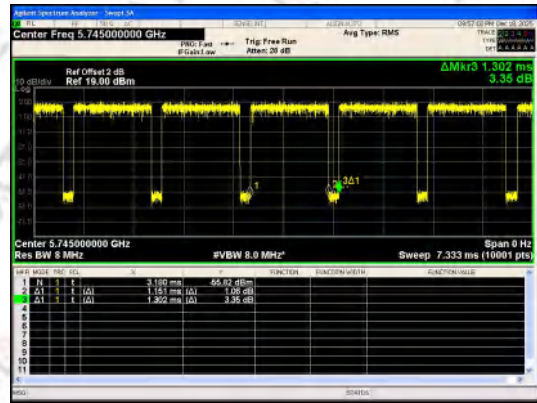
IEEE 802.11a_20MHz_Channel 149



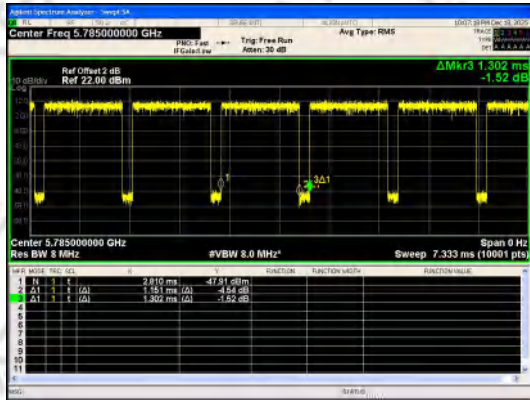
IEEE 802.11a_20MHz_Channel 157



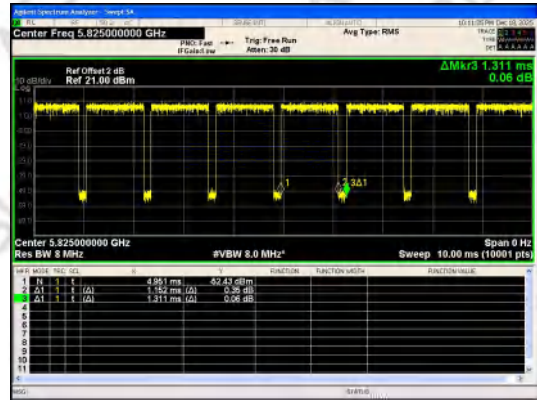
IEEE 802.11a_20MHz_Channel 165



IEEE 802.11n_20MHz_Channel 149



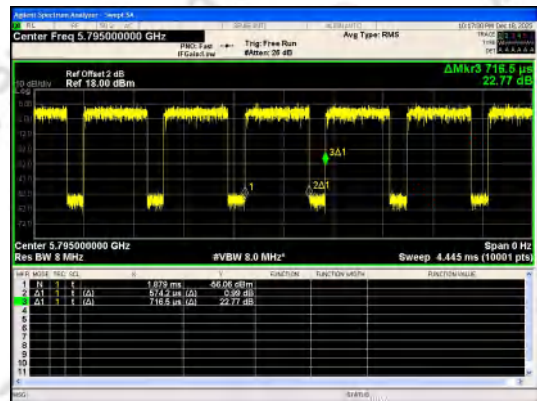
IEEE 802.11n_20MHz_Channel 157



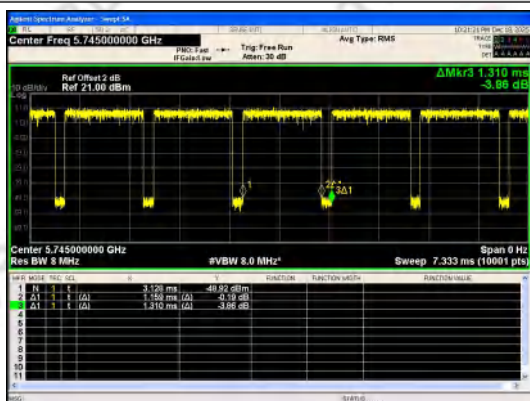
IEEE 802.11n_20MHz_Channel 166



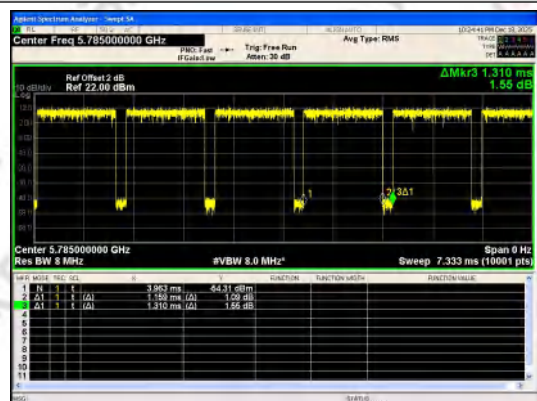
IEEE 802.11n_40MHz_Channel 151



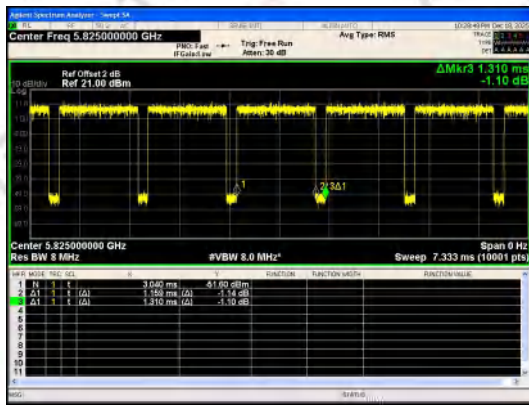
IEEE 802.11n_40MHz_Channel 159



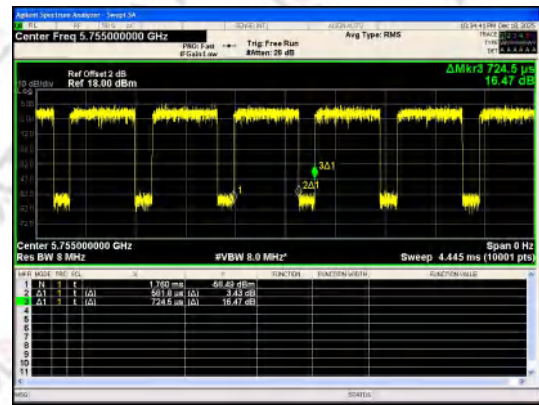
IEEE 802.11ac_20MHz_Channel 149



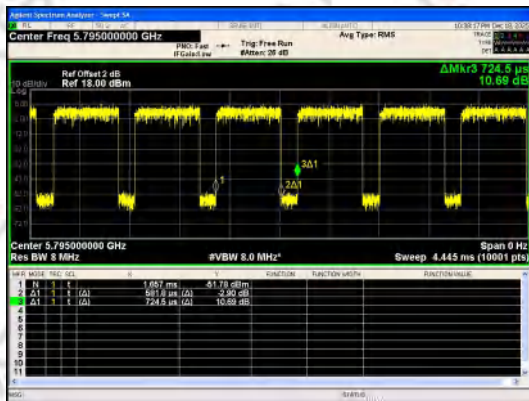
IEEE 802.11ac_20MHz_Channel 157



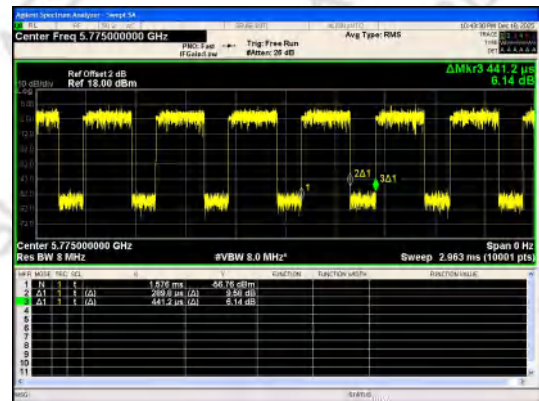
IEEE 802.11ac_20MHz_Channel 165



IEEE 802.11ac_40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



IEEE 802.11ac_80MHz_Channel 155

*****END*****