

Appendix D of data

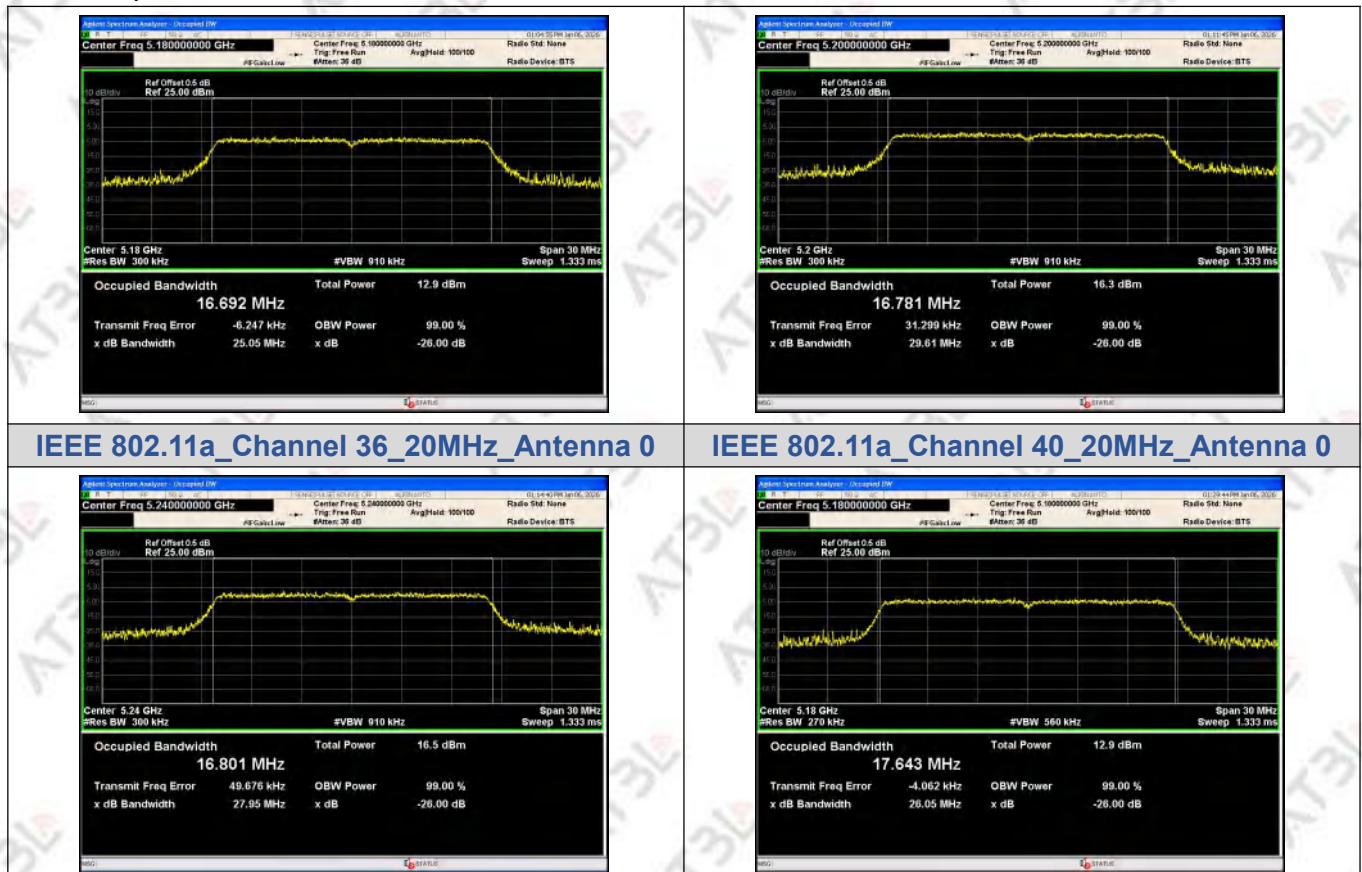
D1.Emission Bandwidth

26dB Bandwidth

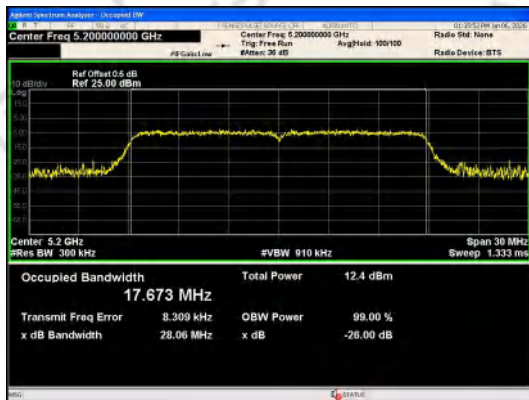
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)
IEEE 802.11a	36	0	5180	25.05
	40		5200	29.61
	48		5240	27.95
IEEE 802.11n_20	36		5180	26.05
	40		5200	28.06
	48		5240	29.07
IEEE 802.11n_40	38		5190	53.81
	46		5230	50.05
IEEE 802.11ac_20	36		5180	29.65
	40		5200	29.79
	48		5240	29.37
IEEE 802.11ac_40	38		5190	53.05
	46		5230	50.62
IEEE 802.11ac_80	42		5210	115.36

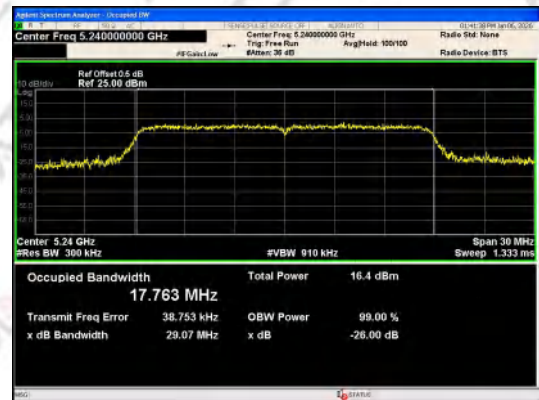
Test Graphs



IEEE 802.11a_Channel 48_20MHz_Antenna 0



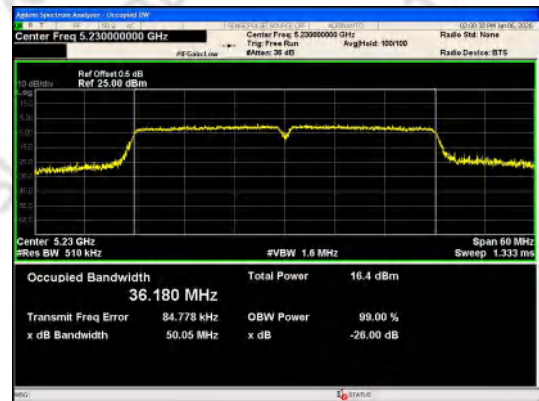
IEEE 802.11n_Channel 36_20MHz_Antenna 0



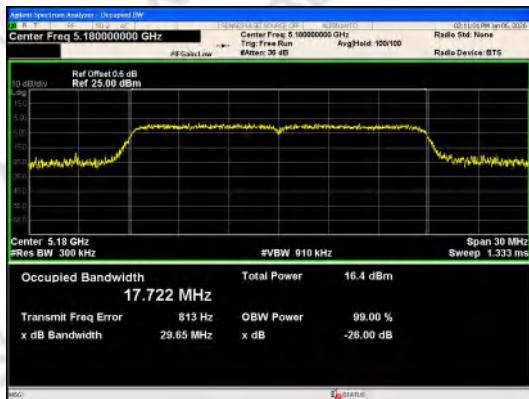
IEEE 802.11n_Channel 40_20MHz_Antenna 0



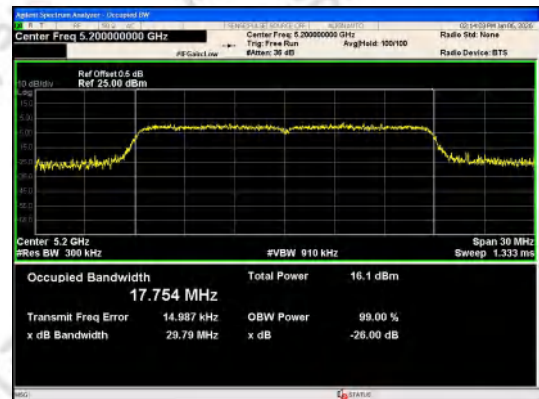
IEEE 802.11n_Channel 48_20MHz_Antenna 0



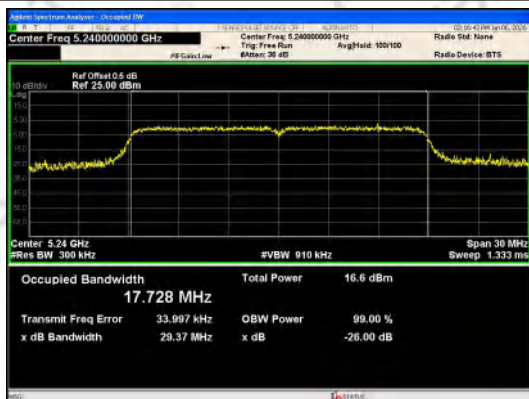
IEEE 802.11n_Channel 38_40MHz_Antenna 0



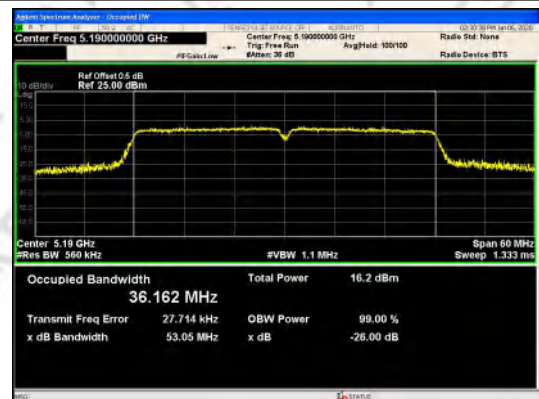
IEEE 802.11n_Channel 46_40MHz_Antenna 0



IEEE 802.11ac_Channel 36_20MHz_Antenna 0

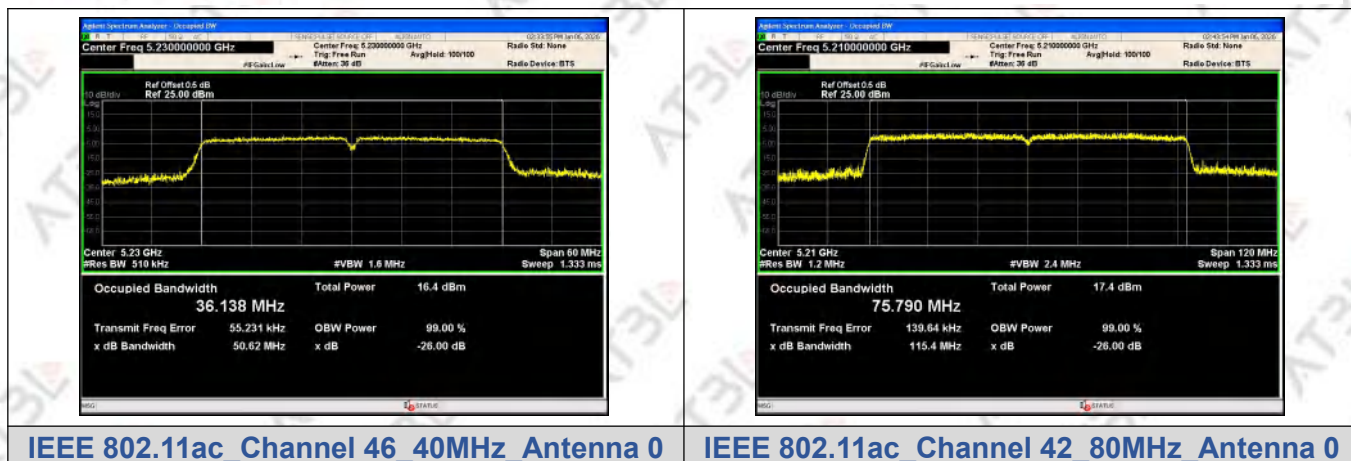


IEEE 802.11ac_Channel 40_20MHz_Antenna 0



IEEE 802.11ac_Channel 48_20MHz_Antenna 0

IEEE 802.11ac_Channel 38_40MHz_Antenna 0



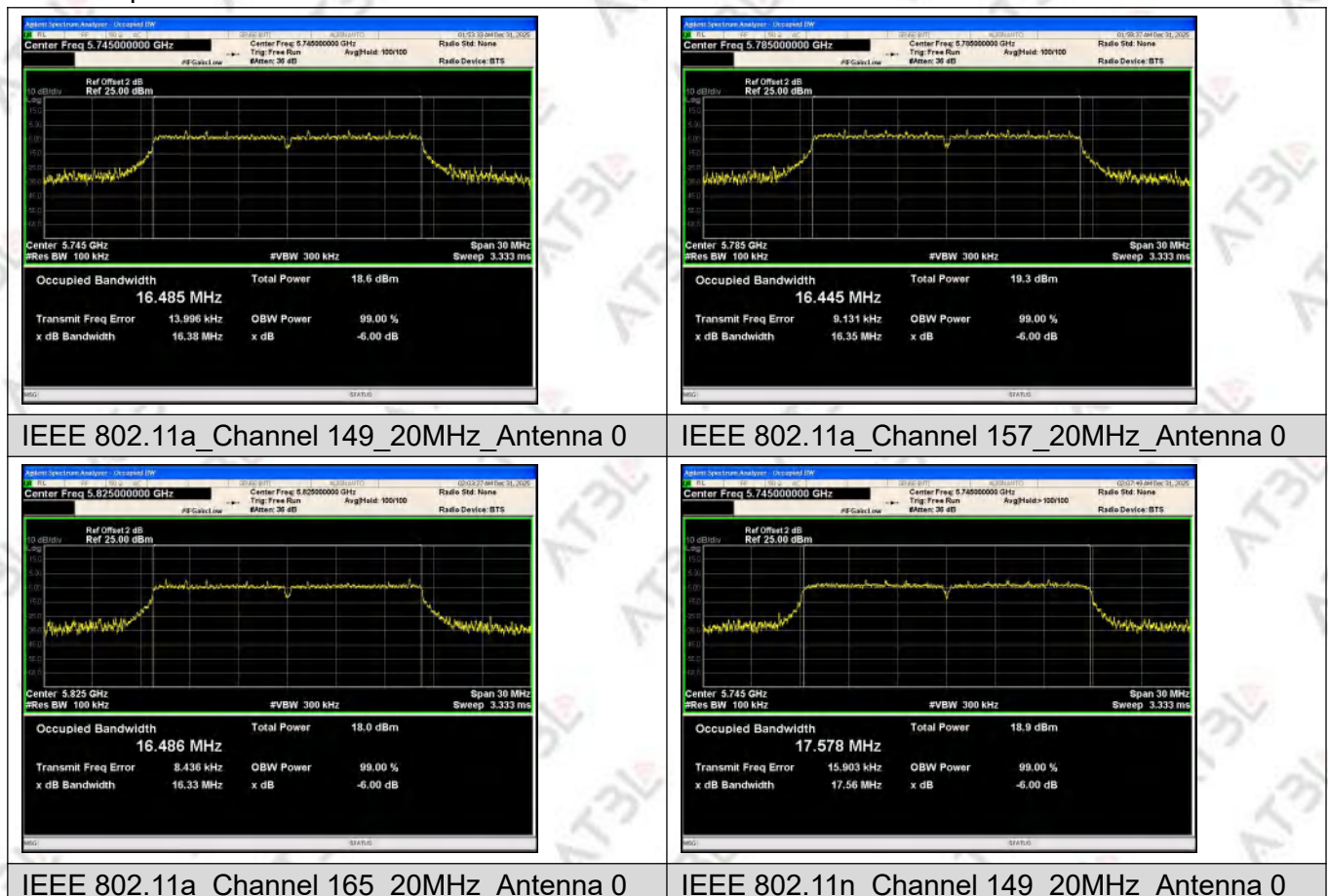
D2. Minimum Emission Bandwidth for the band 5.725–5.85 GHz

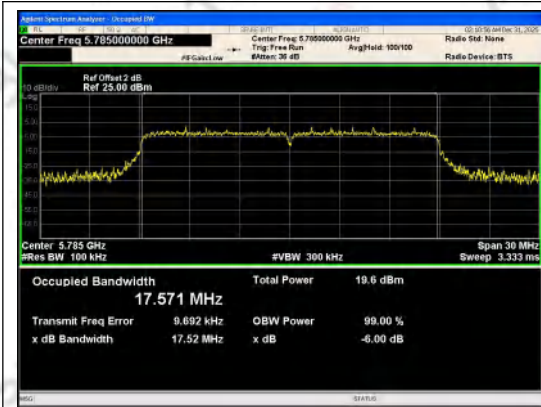
6dB Bandwidth

Test Result

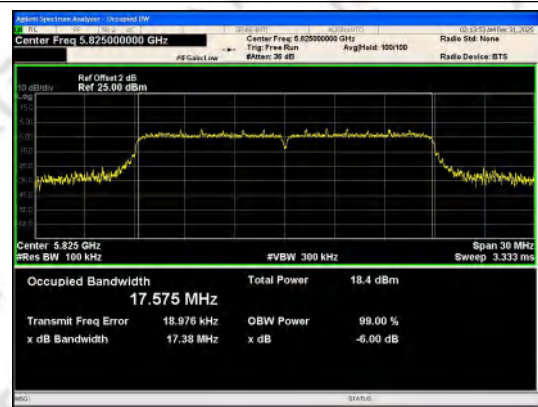
Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	0	5745	16.38	≥0.5	PASS
	157		5785	16.35		PASS
	165		5825	16.33		PASS
IEEE 802.11n_20	149		5745	17.56		PASS
	157		5785	17.52		PASS
	165		5825	17.38		PASS
IEEE 802.11n_40	151		5755	35.74		PASS
	159		5795	36.16		PASS
IEEE 802.11ac_20	149		5745	17.40		PASS
	157		5785	17.21		PASS
	165		5825	17.25		PASS
IEEE 802.11ac_40	151		5755	36.12		PASS
	159		5795	36.01		PASS
IEEE 802.11ac_80	155		5775	75.10		PASS

Test Graphs

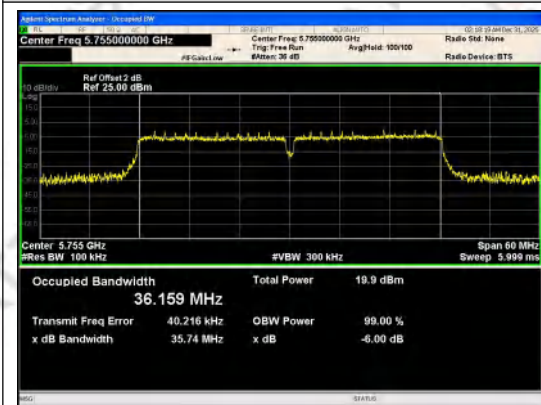




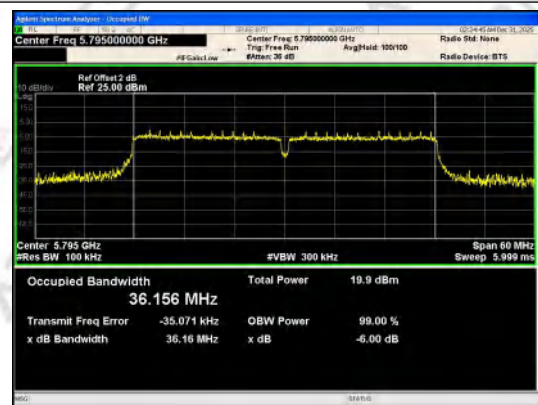
IEEE 802.11n_Channel 157_20MHz_Antenna 0



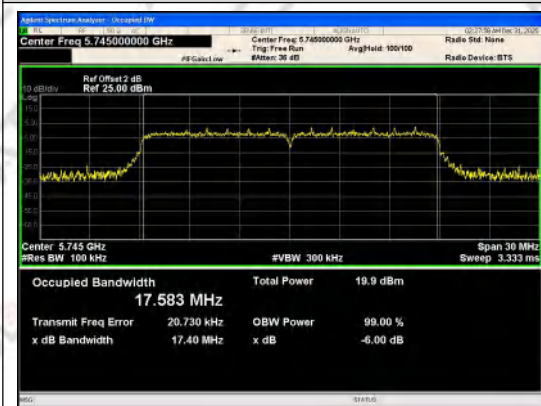
IEEE 802.11n_Channel 165_20MHz_Antenna 0



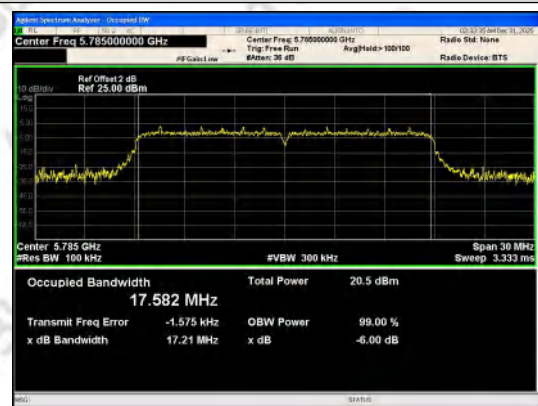
IEEE 802.11n_Channel 151_40MHz_Antenna 0



IEEE 802.11n_Channel 159_40MHz_Antenna 0



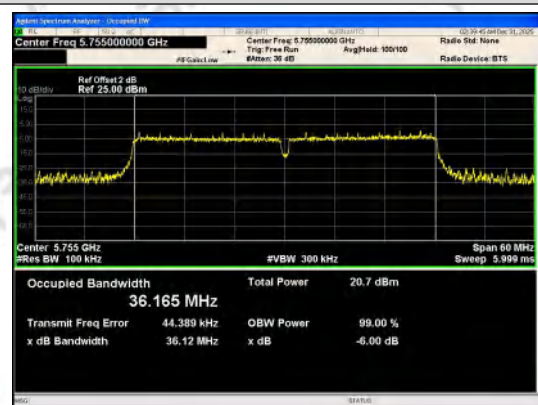
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



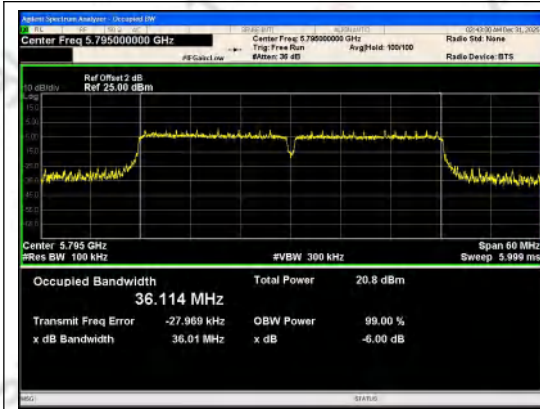
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



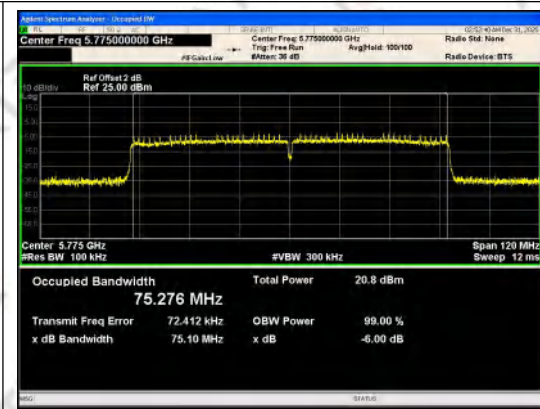
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



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	10.23	≤23.97	PASS
	40	10.56	≤23.97	PASS
	48	10.45	≤23.97	PASS
	149	9.48	≤30	PASS
	157	10.19	≤30	PASS
	165	8.88	≤30	PASS
IEEE 802.11n_20	36	10.58	≤23.97	PASS
	40	10.65	≤23.97	PASS
	48	10.25	≤23.97	PASS
	149	9.58	≤30	PASS
	157	8.79	≤30	PASS
	165	9.62	≤30	PASS
IEEE 802.11n_40	38	9.91	≤23.97	PASS
	46	10.33	≤23.97	PASS
	151	10.08	≤30	PASS
	159	10.38	≤30	PASS
IEEE 802.11ac_20	36	10.69	≤23.97	PASS
	40	10.78	≤23.97	PASS
	48	10.26	≤23.97	PASS
	149	9.65	≤30	PASS
	157	10.16	≤30	PASS
	165	10.74	≤30	PASS
IEEE 802.11ac_40	38	9.52	≤23.97	PASS
	46	10.87	≤23.97	PASS
	151	10.03	≤30	PASS
	159	10.81	≤30	PASS
IEEE 802.11ac_80	42	9.66	≤23.97	PASS
	155	10.55	≤30	PASS

D4.Power Spectral Density

Test Result

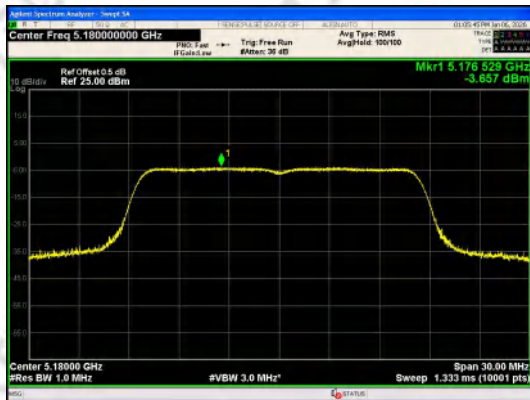
Mode	Channel	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Duty Cycle Factor (dB)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	36	-3.657	0.1588	-3.4982	11	PASS
	40	-0.444	0.1588	-0.2852		PASS
	48	-0.375	0.1863	-0.1887		PASS
IEEE 802.11n_20	36	-0.378	0.1696	-0.2084		PASS
	40	-0.382	0.1696	-0.2124		PASS
	48	-0.529	0.1732	-0.3558		PASS
IEEE 802.11n_40	38	-3.562	0.3428	-3.2192		PASS
	46	-3.740	0.3428	-3.3972		PASS
IEEE 802.11ac_20	36	-0.282	0.1701	-0.1119		PASS
	40	-0.703	0.1723	-0.5307		PASS
	48	-0.478	0.1687	-0.3093		PASS
IEEE 802.11ac_40	38	-3.753	0.3962	-3.3568		PASS
	46	-3.573	0.3409	-3.2321		PASS
IEEE 802.11ac_80	42	-7.116	0.6535	-6.4625		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	-3.183	0.1556	-3.024	30	PASS
	157	-3.623	0.1863	-3.464		PASS
	165	-3.750	0.1588	-3.591		PASS
IEEE 802.11n_20	149	-3.417	0.1664	-3.247		PASS
	157	-3.720	0.171	-3.55		PASS
	165	-3.591	0.1696	-3.421		PASS
IEEE 802.11n_40	151	-6.665	0.3433	-6.322		PASS
	159	-6.773	0.3433	-6.43		PASS
IEEE 802.11ac_20	149	-3.400	0.1651	-3.23		PASS
	157	-3.796	0.1687	-3.626		PASS
	165	-3.538	0.1696	-3.368		PASS
IEEE 802.11ac_40	151	-6.567	0.3409	-6.226		PASS
	159	-6.779	0.3409	-6.438		PASS
IEEE 802.11ac_80	155	-9.884	0.651	-9.233		PASS

Note:

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

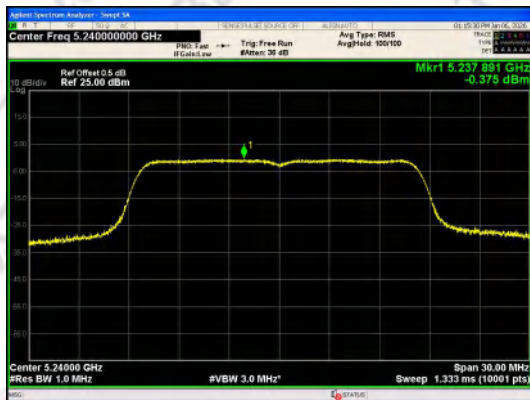
Test Graphs



IEEE 802.11a_Channel 36_20MHz_Antenna 0



IEEE 802.11a_Channel 40_20MHz_Antenna 0



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



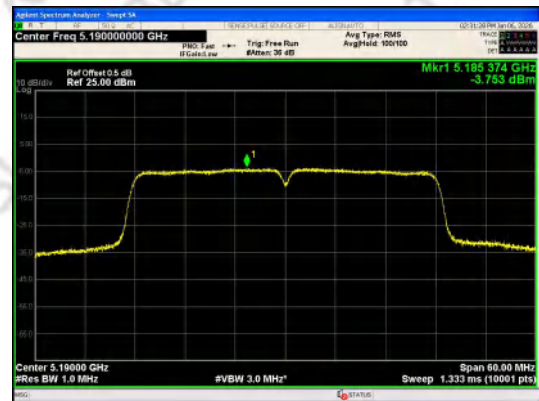
IEEE 802.11n_Channel 46_40MHz_Antenna 0



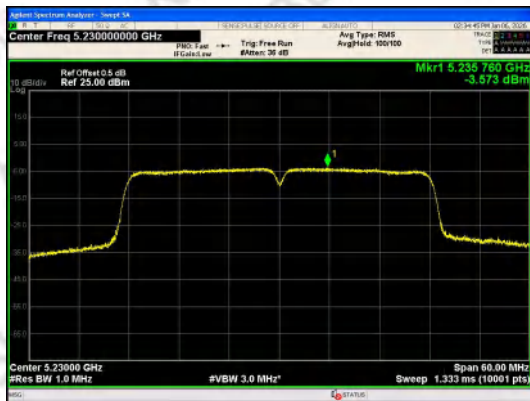
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



IEEE 802.11ac_Channel 40_20MHz_Antenna 0



IEEE 802.11ac_Channel 48_20MHz_Antenna 0



IEEE 802.11ac_Channel 38_40MHz_Antenna 0

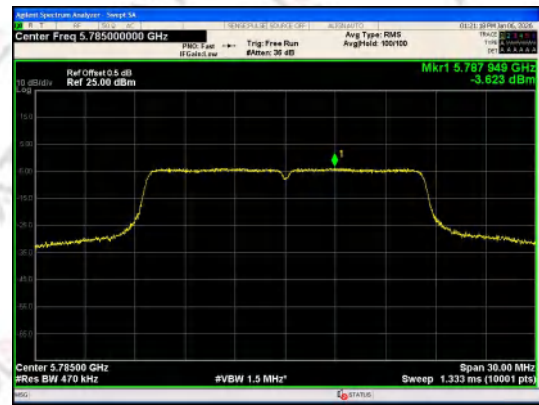


IEEE 802.11ac_Channel 46_40MHz_Antenna 0

IEEE 802.11ac_Channel 42_80MHz_Antenna 0



IEEE 802.11a_Channel 149_20MHz_Antenna 0



IEEE 802.11a_Channel 157_20MHz_Antenna 0



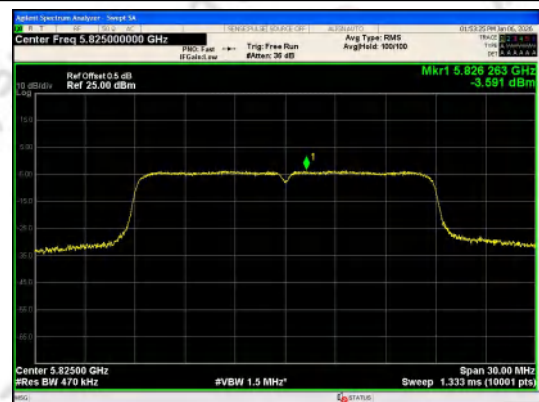
IEEE 802.11a_Channel 165_20MHz_Antenna 0



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

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

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	5142.58	-29.046	-27	-2.050	PASS
			5148.00	-30.151	-27	-3.000	PASS
			5150.00	-32.612	-27	-6.000	PASS
			5350.00	-50.384	-27	-23.000	PASS
			5460.00	-49.930	-27	-23.000	PASS
			24090.7	-35.356	-27	-8.360	PASS
	40		2655.28	-42.998	-27	-16.000	PASS
			5147.04	-44.836	-27	-18.000	PASS
			5150.00	-45.649	-27	-19.000	PASS
			5350.00	-51.327	-27	-24.000	PASS
			5457.12	-51.154	-27	-24.000	PASS
			23704.6	-33.796	-27	-6.800	PASS
	48		3139.89	-43.404	-27	-16.400	PASS
			4768.80	-47.610	-27	-21.000	PASS
			5150.00	-48.375	-27	-21.000	PASS
			5350.00	-50.694	-27	-24.000	PASS
			5460.00	-50.665	-27	-24.000	PASS
			23683.0	-35.474	-27	-8.470	PASS
IEEE 802.11n_20	36		5147.70	-39.710	-27	-12.710	PASS
			5150.00	-33.844	-27	-7.000	PASS
			5350.00	-50.563	-27	-24.000	PASS
			5457.12	-49.321	-27	-22.000	PASS
			24088.2	-34.859	-27	-7.860	PASS
	40		5147.06	-41.976	-27	-14.980	PASS
			5148.00	-40.161	-27	-13.000	PASS
			5150.00	-41.596	-27	-15.000	PASS
			5350.00	-50.600	-27	-24.000	PASS
			5457.12	-50.083	-27	-23.000	PASS
			23747.3	-34.859	-27	-7.860	PASS
	48		3179.70	-43.241	-27	-16.240	PASS
			5147.04	-50.453	-27	-23.000	PASS
			5150.00	-50.845	-27	-24.000	PASS
			5350.00	-50.648	-27	-24.000	PASS
			5455.20	-49.433	-27	-22.000	PASS
			24531.3	-35.124	-27	-8.120	PASS
	IEEE 802.11n_40		38	5147.82	-35.802	-27	-8.800
5149.92				-38.593	-27	-12.000	PASS
5150.00		-38.593		-27	-12.000	PASS	
5350.00		-51.448		-27	-24.000	PASS	

	46	5460.00	-50.726	-27	-24.000	PASS
		23701.6	-34.223	-27	-7.220	PASS
		2662.06	-43.060	-27	-16.060	PASS
		5149.92	-45.384	-27	-18.000	PASS
		5150.00	-45.384	-27	-18.000	PASS
		5350.00	-48.925	-27	-22.000	PASS
		5370.72	-48.909	-27	-22.000	PASS
		24212.5	-34.417	-27	-7.420	PASS
IEEE 802.11ac_20	36	5146.93	-30.626	-27	-3.630	PASS
		5150.00	-29.092	-27	-2.000	PASS
		5350.00	-49.192	-27	-22.000	PASS
		5393.76	-48.924	-27	-22.000	PASS
		24508.3	-35.974	-27	-8.970	PASS
		5148.85	-42.124	-27	-15.120	PASS
	40	5148.96	-40.764	-27	-14.000	PASS
		5150.00	-44.791	-27	-18.000	PASS
		5350.00	-50.468	-27	-23.000	PASS
		5460.00	-50.048	-27	-23.000	PASS
		23713.9	-34.329	-27	-7.330	PASS
		2663.73	-42.306	-27	-15.310	PASS
	48	5149.92	-51.139	-27	-24.000	PASS
		5150.00	-51.139	-27	-24.000	PASS
		5350.00	-49.440	-27	-22.000	PASS
		5373.60	-48.761	-27	-22.000	PASS
		23718.8	-35.046	-27	-8.050	PASS
		5148.85	-27.953	-27	-0.950	PASS
IEEE 802.11ac_40	38	5150.00	-28.058	-27	-1.000	PASS
		5350.00	-51.013	-27	-24.000	PASS
		5460.00	-50.113	-27	-23.000	PASS
		23726.2	-35.372	-27	-8.370	PASS
		5148.59	-42.142	-27	-15.140	PASS
	46	5148.96	-42.286	-27	-15.000	PASS
		5150.00	-42.341	-27	-15.000	PASS
		5350.00	-46.320	-27	-19.000	PASS
		5364.96	-46.009	-27	-19.000	PASS
		23702.6	-34.046	-27	-7.050	PASS
IEEE 802.11ac_80	42	5148.00	-27.769	-27	-1.000	PASS
		5148.34	-27.641	-27	-0.640	PASS
		5150.00	-27.967	-27	-1.000	PASS
		5350.00	-34.215	-27	-7.000	PASS
		5350.49	-32.928	-27	-5.930	PASS
		5353.44	-33.632	-27	-7.000	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	4596.53	-42.989	-27	-15.990	PASS
			5621.38	-48.640	-27.0	-21.640	PASS
			5650.62	-50.700	-26.54	-24.160	PASS
			5719.62	-30.450	15.49	-45.940	PASS
			5720.00	-30.010	15.6	-45.610	PASS
			5742.12	7.220	27.0	-19.780	PASS
			5853.88	-50.050	18.17	-68.220	PASS
			5871.88	-49.650	10.87	-60.520	PASS
			5924.38	-51.080	-26.54	-24.540	PASS
			5956.62	-49.230	-27.0	-22.230	PASS
			24357.6	-34.973	-27	-7.970	PASS
	157		4628.42	-40.966	-27	-13.970	PASS
			5641.25	-49.110	-27.0	-22.110	PASS
			5650.25	-51.000	-26.82	-24.180	PASS
			5701.62	-49.190	10.45	-59.640	PASS
			5720.00	-51.300	15.6	-66.900	PASS
			5781.88	6.370	27.0	-20.630	PASS
			5854.25	-49.900	17.31	-67.210	PASS
			5874.88	-51.000	10.04	-61.040	PASS
			5924.75	-50.480	-26.82	-23.660	PASS
			5972.38	-49.560	-27.0	-22.560	PASS
			24285.2	-34.685	-27	-7.690	PASS
	165		4660.60	-42.278	-27	-15.280	PASS
			5649.50	-48.760	-27.0	-21.760	PASS
			5651.00	-50.540	-26.26	-24.280	PASS
			5701.25	-49.960	10.35	-60.310	PASS
			5720.00	-50.380	15.6	-65.980	PASS
			5822.00	5.500	27.0	-21.500	PASS
			5854.62	-30.170	16.45	-46.620	PASS
			5855.00	-29.680	15.6	-45.280	PASS
			5923.62	-48.450	-25.98	-22.470	PASS
			5958.50	-49.130	-27.0	-22.130	PASS
			24491.7	-34.896	-27	-7.900	PASS
IEEE 802.11n_20	149	4596.39	-43.482	-27	-16.480	PASS	
		5640.12	-48.070	-27.0	-21.070	PASS	
		5650.62	-48.280	-26.54	-21.740	PASS	
		5717.00	-29.350	14.76	-44.110	PASS	
		5722.62	-19.290	21.58	-40.870	PASS	
		5749.62	6.560	27.0	-20.440	PASS	
		5854.62	-51.570	16.46	-68.030	PASS	
		5869.25	-49.080	11.61	-60.690	PASS	

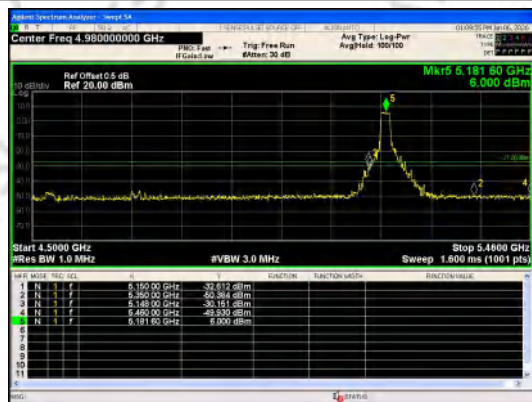
IEEE 802.11n_40	157	5924.00	-50.270	-26.26	-24.010	PASS
		5939.75	-49.160	-27.0	-22.160	PASS
		24195.5	-34.867	-27	-7.870	PASS
		4628.28	-42.224	-27	-15.220	PASS
		5646.12	-49.480	-27.0	-22.480	PASS
		5651.00	-50.380	-26.26	-24.120	PASS
		5700.12	-49.510	10.04	-59.550	PASS
		5720.38	-49.660	16.46	-66.120	PASS
		5792.38	5.390	27.0	-21.610	PASS
		5854.62	-49.520	16.46	-65.980	PASS
		5874.88	-49.760	10.03	-59.790	PASS
		5924.00	-50.850	-26.26	-24.590	PASS
	165	5931.88	-49.950	-27.0	-22.950	PASS
		24054.4	-34.595	-27	-7.590	PASS
		4660.60	-41.579	-27	-14.580	PASS
		5648.38	-50.120	-27.0	-23.120	PASS
		5650.25	-51.500	-26.82	-24.680	PASS
		5700.88	-50.240	10.25	-60.490	PASS
		5720.38	-50.360	16.46	-66.820	PASS
		5829.50	5.380	27.0	-21.620	PASS
		5854.25	-32.900	17.31	-50.210	PASS
		5855.38	-33.020	15.5	-48.520	PASS
		5922.88	-49.650	-25.43	-24.220	PASS
		5925.50	-48.290	-27.0	-21.290	PASS
	151	23727.7	-34.242	-27	-7.240	PASS
		3091.78	-42.956	-27	-15.960	PASS
		5640.88	-48.570	-27.0	-21.570	PASS
		5651.00	-47.820	-26.26	-21.560	PASS
		5719.62	-21.390	15.5	-36.890	PASS
		5720.00	-24.350	15.6	-39.950	PASS
		5758.25	3.210	27.0	-23.790	PASS
		5854.62	-49.740	16.46	-66.200	PASS
		5874.50	-49.870	10.14	-60.010	PASS
		5922.88	-50.570	-25.43	-25.140	PASS
		5966.38	-49.510	-27.0	-22.510	PASS
		24517.4	-35.090	-27	-8.090	PASS
	159	4636.57	-42.340	-27	-15.340	PASS
		5635.62	-48.800	-27.0	-21.800	PASS
		5655.12	-47.910	-23.21	-24.700	PASS
		5700.50	-50.920	10.14	-61.060	PASS
		5720.38	-47.480	16.46	-63.940	PASS
		5789.38	2.820	27.0	-24.180	PASS
		5854.25	-38.830	17.31	-56.140	PASS
		5856.12	-40.050	15.28	-55.330	PASS
		5922.12	-50.200	-24.88	-25.320	PASS

IEEE 802.11ac_20	149	5963.00	-49.400	-27.0	-22.400	PASS
		23727.2	-35.274	-27	-8.270	PASS
		4596.25	-42.475	-27	-15.480	PASS
		5606.38	-48.280	-27.0	-21.280	PASS
		5650.62	-50.460	-26.54	-23.920	PASS
		5717.38	-28.270	14.87	-43.140	PASS
		5724.50	-16.540	25.86	-42.400	PASS
		5738.00	6.920	27.0	-20.080	PASS
		5854.62	-51.620	16.45	-68.070	PASS
		5871.50	-50.010	10.98	-60.990	PASS
		5924.38	-51.770	-26.54	-25.230	PASS
		5961.50	-48.020	-27.0	-21.020	PASS
		23725.8	-35.042	-27	-8.040	PASS
	157	4628.28	-42.312	-27	-15.310	PASS
		5628.12	-50.040	-27.0	-23.040	PASS
		5650.25	-51.530	-26.82	-24.710	PASS
		5702.00	-49.130	10.56	-59.690	PASS
		5720.00	-46.850	15.6	-62.450	PASS
		5783.38	6.230	27.0	-20.770	PASS
		5854.25	-50.410	17.31	-67.720	PASS
		5872.25	-50.160	10.77	-60.930	PASS
		5924.75	-51.380	-26.82	-24.560	PASS
		5959.62	-47.760	-27.0	-20.760	PASS
	165	24168.3	-34.416	-27	-7.420	PASS
		3142.22	-43.402	-27	-16.400	PASS
		5606.75	-49.000	-27.0	-22.000	PASS
		5650.25	-51.940	-26.81	-25.130	PASS
		5701.62	-49.910	10.45	-60.360	PASS
		5720.00	-52.220	15.6	-67.820	PASS
		5822.38	2.410	27.0	-24.590	PASS
		5854.25	-44.070	17.31	-61.380	PASS
		5873.75	-48.500	10.35	-58.850	PASS
		5924.75	-48.920	-26.82	-22.100	PASS
IEEE 802.11ac_40	151	5952.50	-49.020	-27.0	-22.020	PASS
		24255.6	-34.880	-27	-7.880	PASS
		3306.74	-43.128	-27	-16.130	PASS
		5632.25	-48.830	-27.0	-21.830	PASS
		5650.25	-49.190	-26.81	-22.380	PASS
		5719.25	-20.830	15.39	-36.220	PASS
		5720.75	-22.160	17.31	-39.470	PASS
		5749.62	4.050	27.0	-22.950	PASS
		5854.62	-49.650	16.46	-66.110	PASS
		5874.88	-50.710	10.04	-60.750	PASS
		5924.00	-50.860	-26.26	-24.600	PASS
		5973.50	-49.400	-27.0	-22.400	PASS

IEEE 802.11ac_80	159	24262.8	-35.103	-27	-8.100	PASS
		4636.15	-42.218	-27	-15.220	PASS
		5611.62	-49.150	-27.0	-22.150	PASS
		5650.25	-50.130	-26.81	-23.320	PASS
		5700.88	-48.950	10.24	-59.190	PASS
		5720.00	-48.710	15.6	-64.310	PASS
		5791.62	3.080	27.0	-23.920	PASS
		5854.62	-39.360	16.45	-55.810	PASS
		5862.50	-40.630	13.5	-54.130	PASS
		5924.38	-51.050	-26.53	-24.520	PASS
		5950.62	-49.220	-27.0	-22.220	PASS
		24357.6	-35.507	-27	-8.510	PASS
		5637.92	-35.944	-27	-8.940	PASS
		5649.50	-34.740	-27.0	-7.740	PASS
		5651.75	-37.070	-25.71	-11.360	PASS
IEEE 802.11ac_80	155	5709.50	-22.660	12.66	-35.320	PASS
		5720.00	-20.900	15.6	-36.500	PASS
		5802.12	0.690	27.0	-26.310	PASS
		5854.62	-26.190	16.46	-42.650	PASS
		5865.50	-27.900	12.66	-40.560	PASS
		5924.38	-42.620	-26.54	-16.080	PASS
		5925.88	-37.960	-27.0	-10.960	PASS
		23599.4	-35.679	-27	-8.680	PASS

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

Test Graphs



Out Of Band Emission

IEEE 802.11a_Channel 36_20MHz_Antenna 0

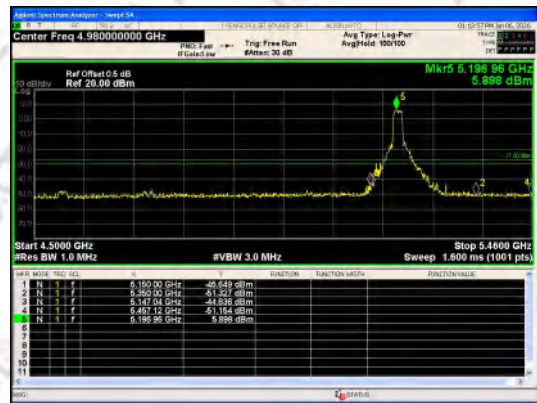


Spurious Emission:30.0~5150 MHz

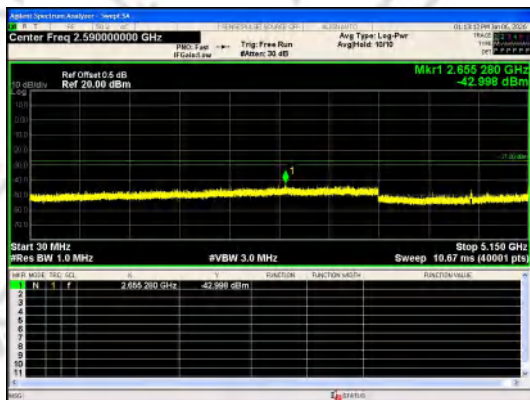
IEEE 802.11a_Channel 36_20MHz_Antenna 0



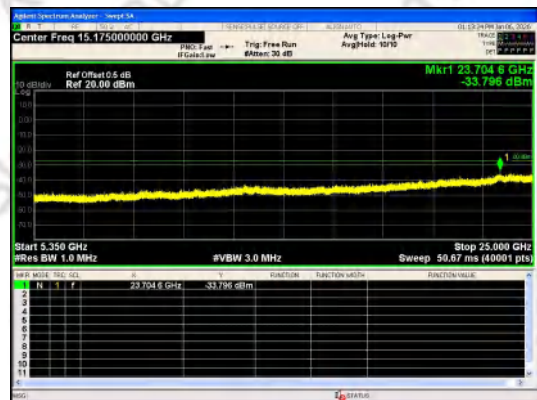
Spurious Emission:5350~25000.0 MHz
IEEE 802.11a_Channel 36_20MHz_Antenna 0



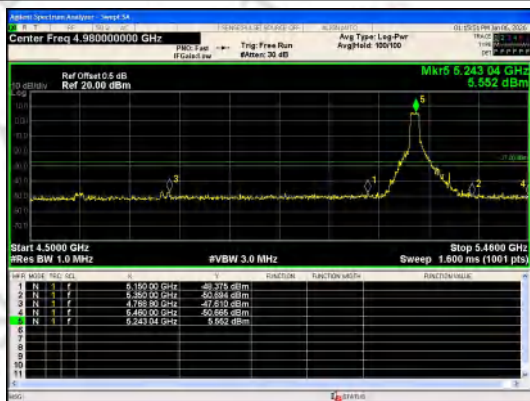
Out Of Band Emission
IEEE 802.11a_Channel 40_20MHz_Antenna 0



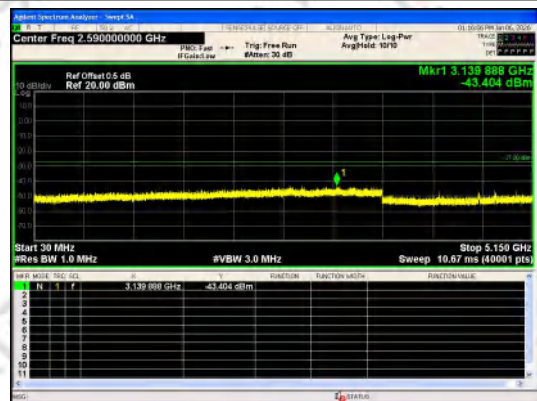
Spurious Emission:30.0~5150 MHz
IEEE 802.11a_Channel 40_20MHz_Antenna 0



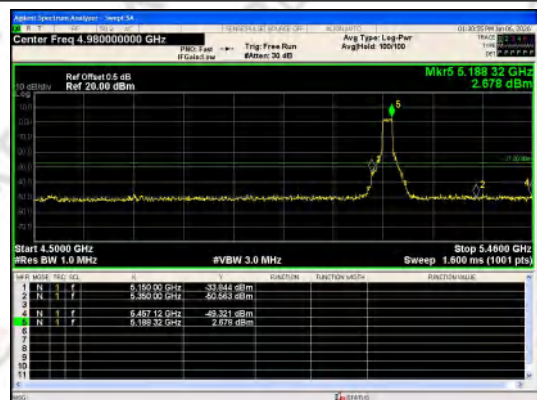
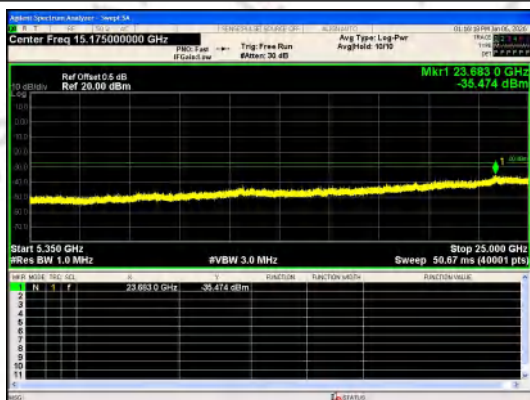
Spurious Emission:5350~25000.0 MHz
IEEE 802.11a_Channel 40_20MHz_Antenna 0



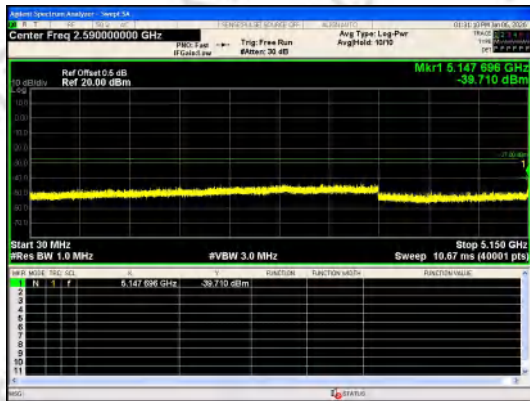
Out Of Band Emission
IEEE 802.11a_Channel 48_20MHz_Antenna 0



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



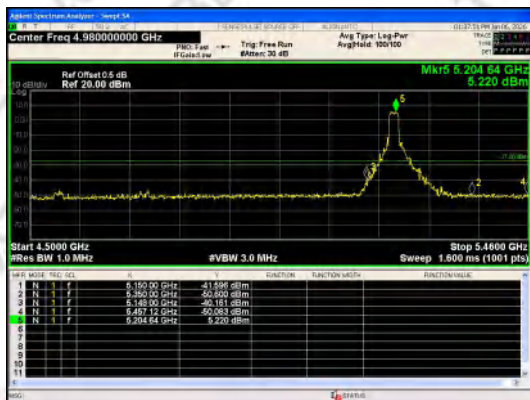
Spurious Emission:5350~25000.0 MHz IEEE 802.11a_Channel 48_20MHz_Antenna 0



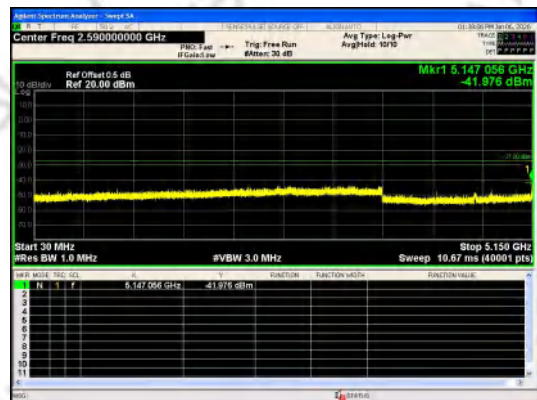
Out Of Band Emission IEEE 802.11n_Channel 36_20MHz_Antenna 0



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



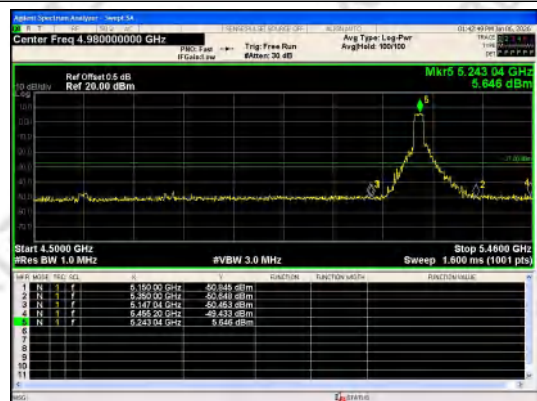
Spurious Emission:5350~25000.0 MHz IEEE 802.11n_Channel 36_20MHz_Antenna 0



Out Of Band Emission IEEE 802.11n_Channel 40_20MHz_Antenna 0

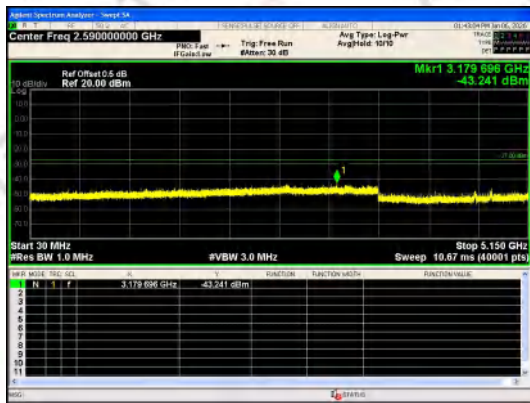


Spurious Emission:30.0~5150 MHz IEEE 802.11n_Channel 40_20MHz_Antenna 0



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

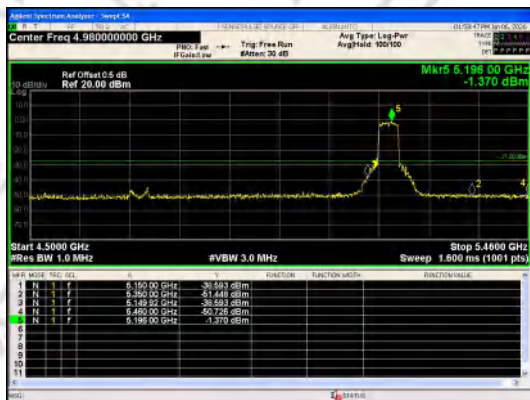
Out Of Band Emission IEEE 802.11n_Channel 48_20MHz_Antenna 0



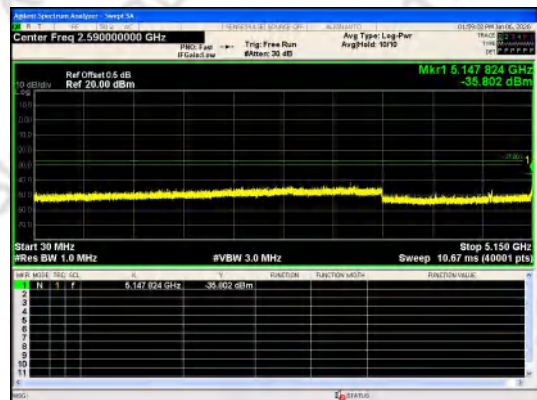
Spurious Emission:30.0~5150 MHz
IEEE 802.11n_Channel 48_20MHz_Antenna 0



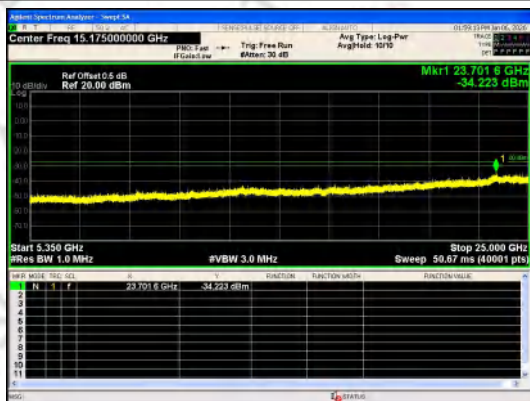
Spurious Emission:5350~25000.0 MHz
IEEE 802.11n_Channel 48_20MHz_Antenna 0



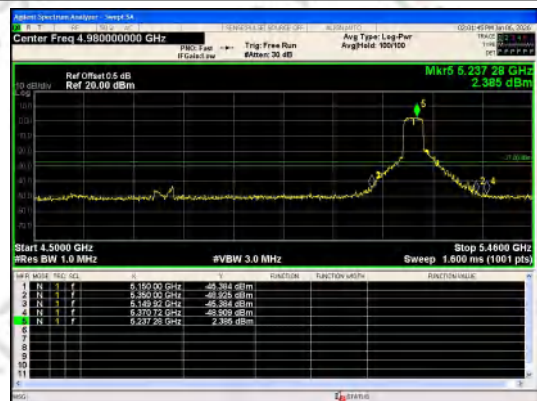
Out Of Band Emission
IEEE 802.11n_Channel 38_40MHz_Antenna 0



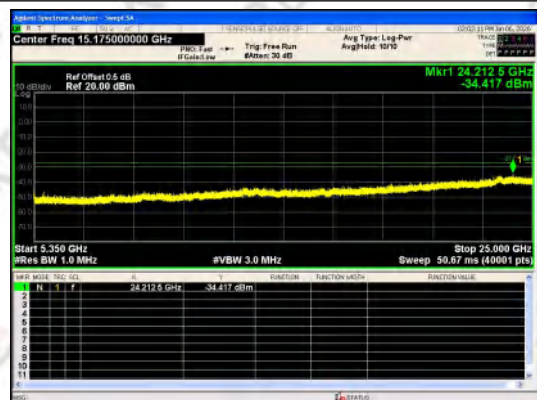
Spurious Emission:30.0~5150 MHz
IEEE 802.11n_Channel 38_40MHz_Antenna 0



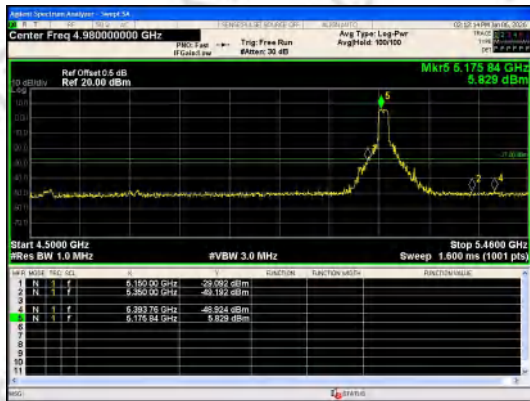
Spurious Emission:5350~25000.0 MHz
IEEE 802.11n_Channel 38_40MHz_Antenna 0



Out Of Band Emission
IEEE 802.11n_Channel 46_40MHz_Antenna 0



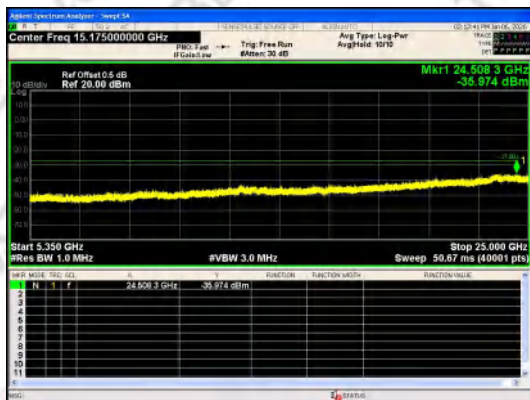
Spurious Emission:30.0~5150 MHz
IEEE 802.11n_Channel 46_40MHz_Antenna 0



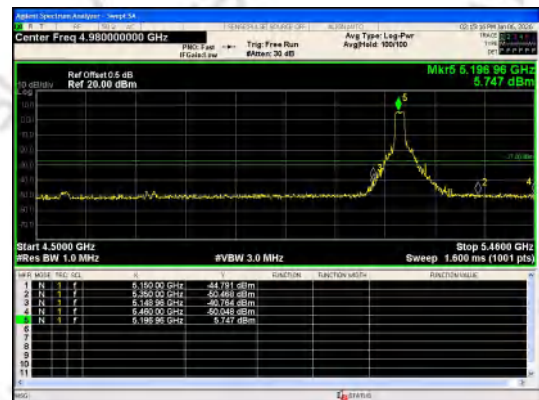
Spurious Emission:5350~25000.0 MHz
IEEE 802.11n_Channel 46_40MHz_Antenna 0



Out Of Band Emission
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



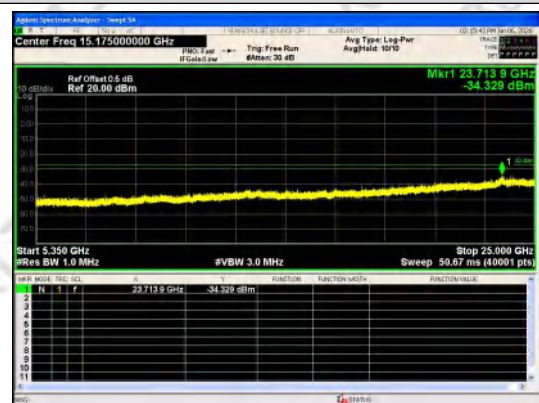
Spurious Emission:30.0~5150 MHz
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



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

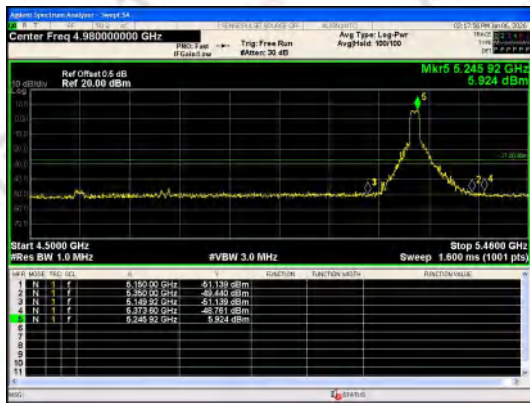


Spurious Emission:30.0~5150 MHz
IEEE 802.11ac_Channel 40_20MHz_Antenna 0

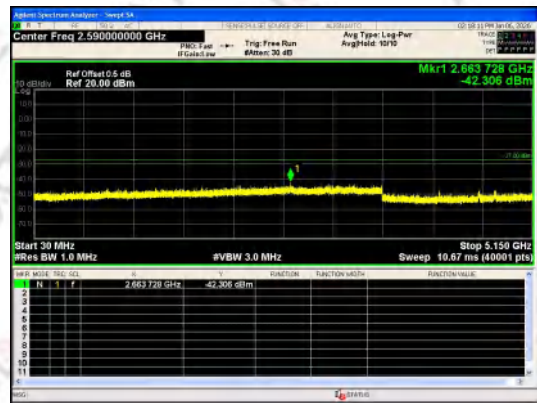


Spurious Emission:5350~25000.0 MHz
IEEE 802.11ac_Channel 40_20MHz_Antenna 0

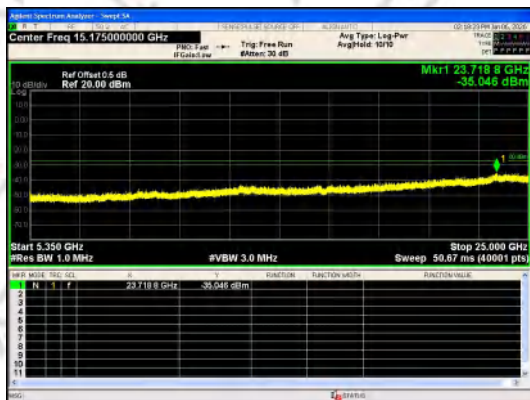




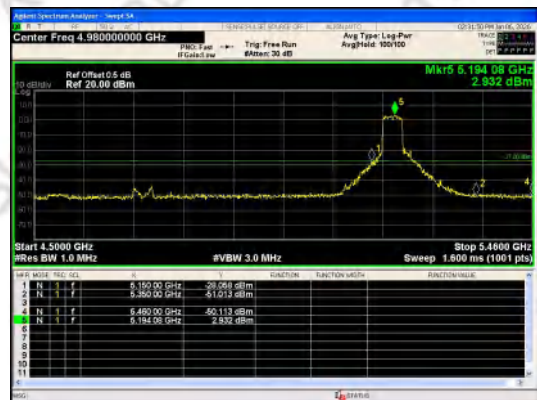
Out Of Band Emission
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



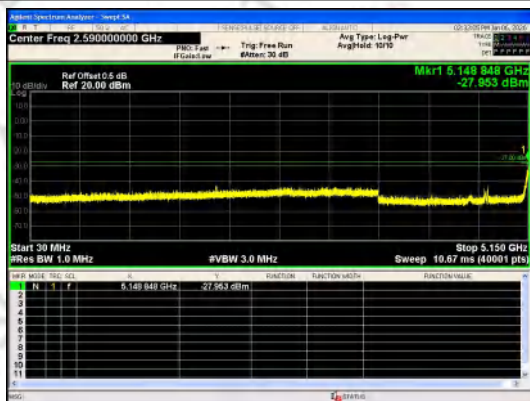
Spurious Emission:30.0~5150 MHz
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



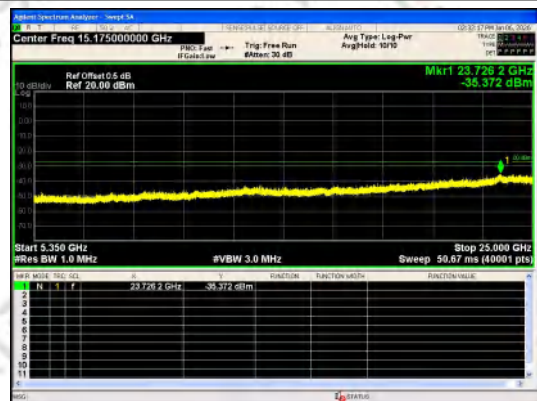
Spurious Emission:5350~25000.0 MHz
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



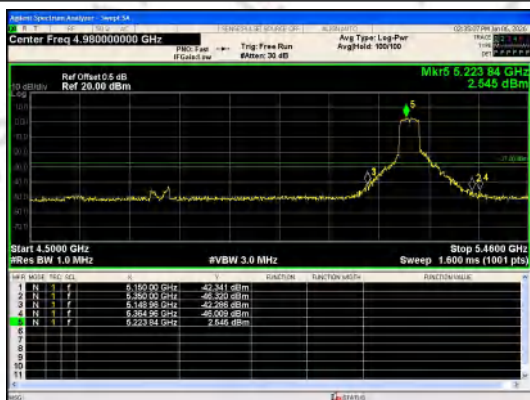
Out Of Band Emission
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



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



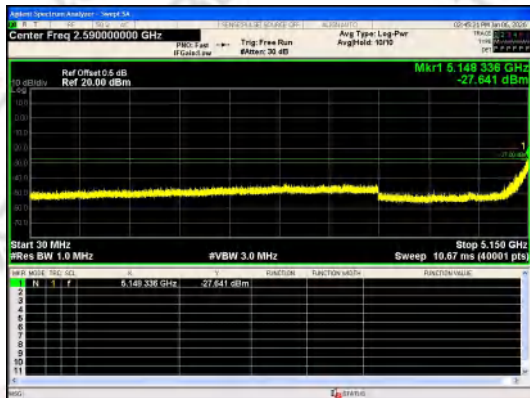
Out Of Band Emission IEEE 802.11ac_Channel 46_40MHz_Antenna 0



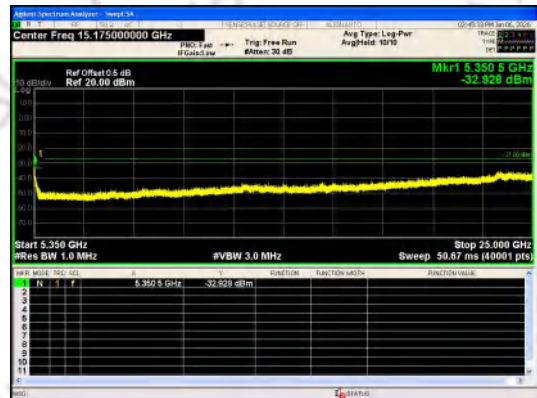
Spurious Emission:30.0~5150 MHz IEEE 802.11ac_Channel 46_40MHz_Antenna 0



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

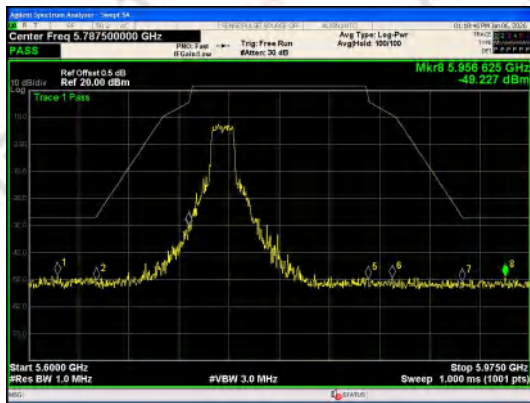


Out Of Band Emission IEEE 802.11ac_Channel 42_80MHz_Antenna 0



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

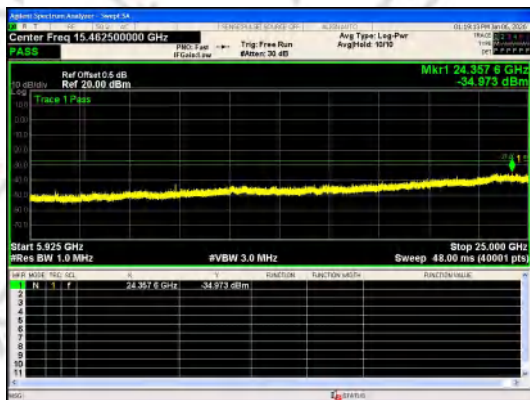
Spurious Emission:5350~25000.0 MHz IEEE 802.11ac_Channel 42_80MHz_Antenna 0



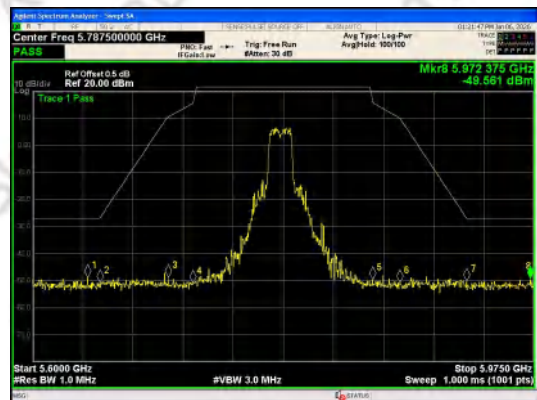
Out Of Band Emission
IEEE 802.11a_Channel 149_20MHz_Antenna 0



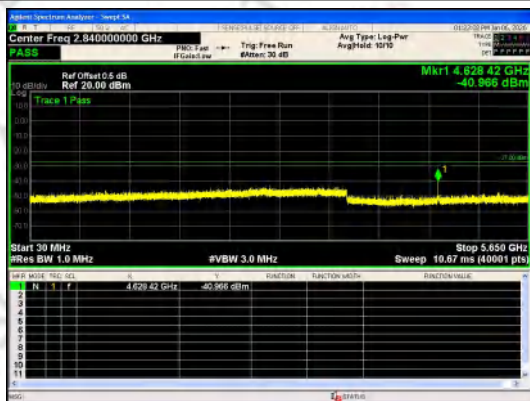
Spurious Emission:30.0~5650 MHz
IEEE 802.11a_Channel 149_20MHz_Antenna 0



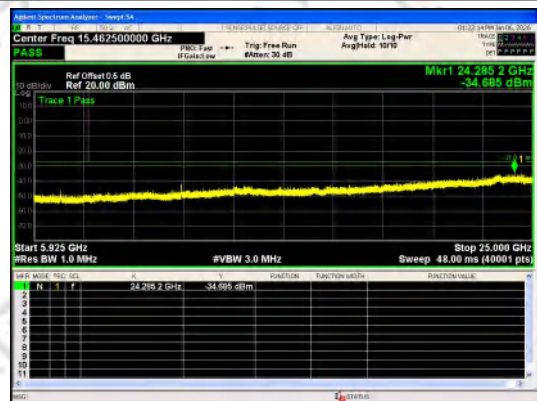
Spurious Emission:5925~25000.0 MHz
IEEE 802.11a_Channel 149_20MHz_Antenna 0



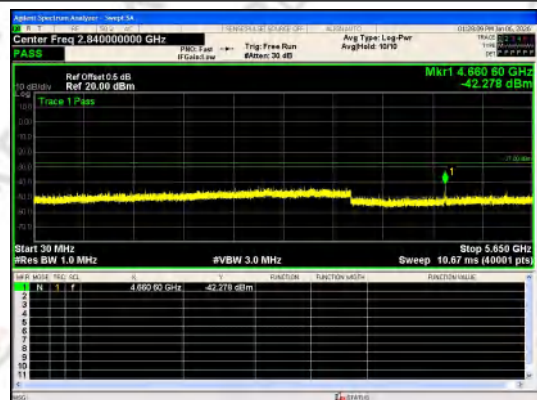
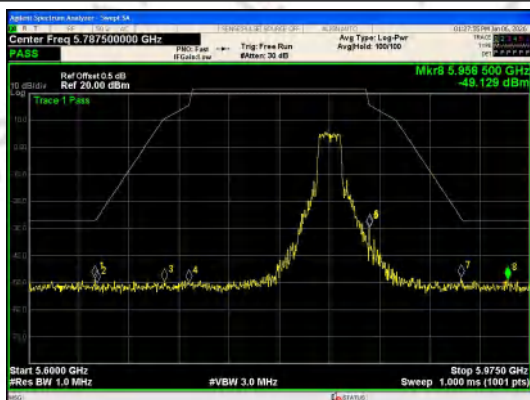
Out Of Band Emission
IEEE 802.11a_Channel 157_20MHz_Antenna 0



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



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



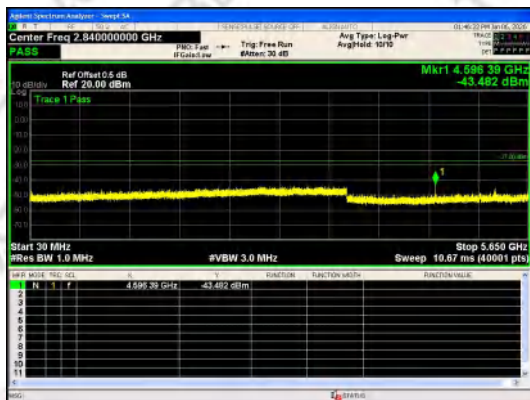
Out Of Band Emission IEEE 802.11a_Channel 165_20MHz_Antenna 0



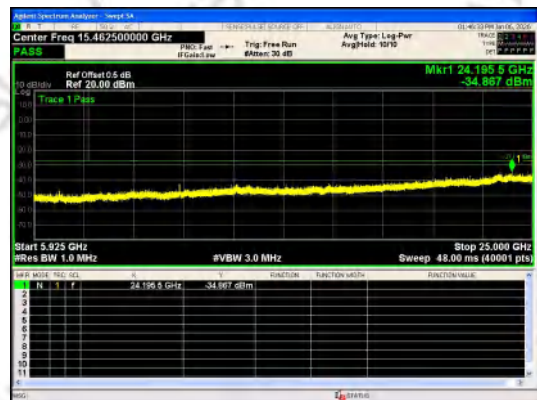
Spurious Emission:30.0~5650 MHz IEEE 802.11a_Channel 165_20MHz_Antenna 0



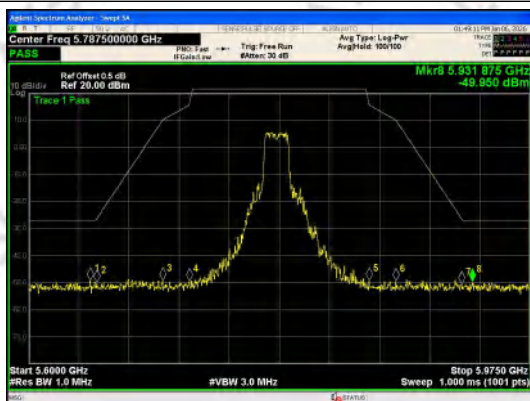
Spurious Emission:5925~25000.0 MHz IEEE 802.11a_Channel 165_20MHz_Antenna 0



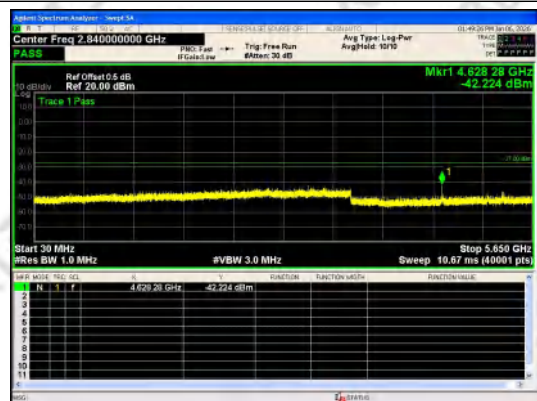
Out Of Band Emission IEEE 802.11n_Channel 149_20MHz_Antenna 0



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

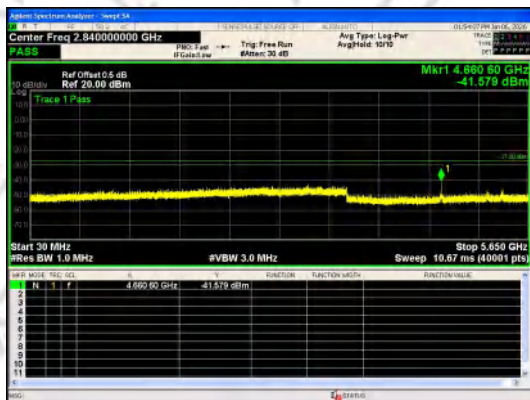




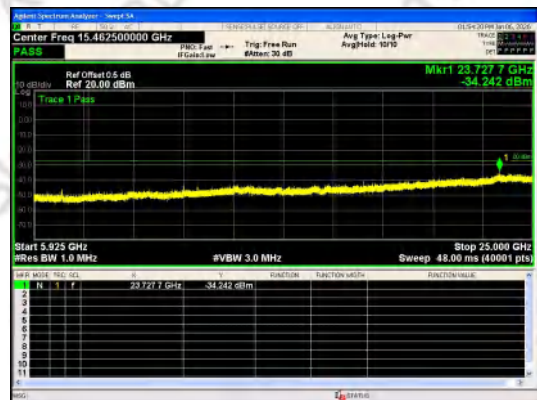
Spurious Emission:5925~25000.0 MHz
 IEEE 802.11n_Channel 157_20MHz_Antenna 0



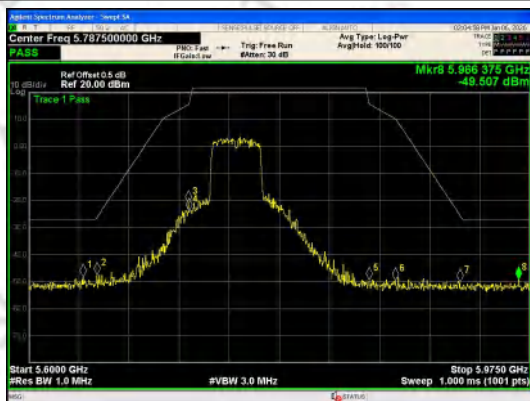
Out Of Band Emission
 IEEE 802.11n_Channel 165_20MHz_Antenna 0



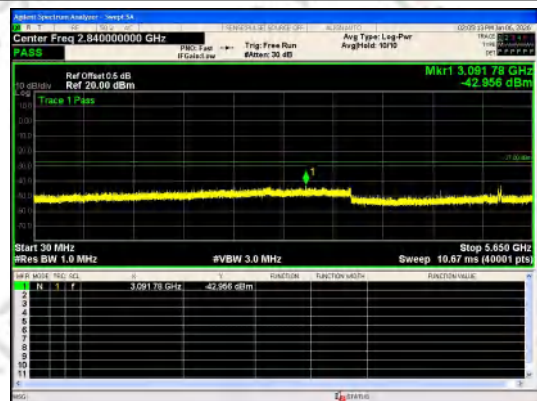
Spurious Emission:30.0~5650 MHz
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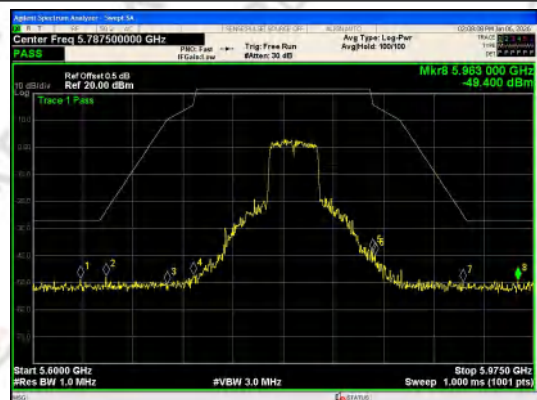
Spurious Emission:5925~25000.0 MHz
 IEEE 802.11n_Channel 165_20MHz_Antenna 0



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



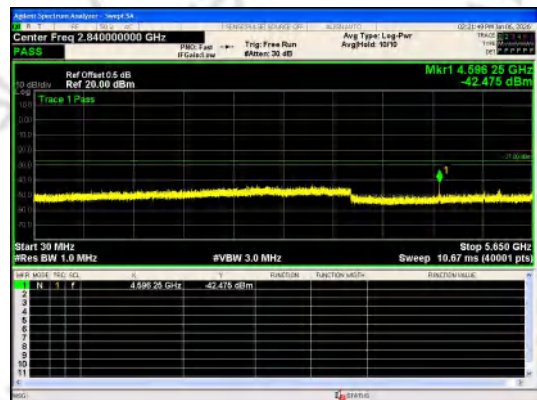
Out Of Band Emission
IEEE 802.11n_Channel 159_40MHz_Antenna 0



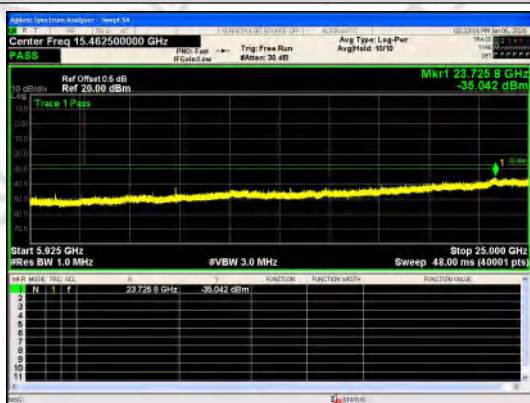
Spurious Emission:30.0~5650 MHz
IEEE 802.11n_Channel 159_40MHz_Antenna 0



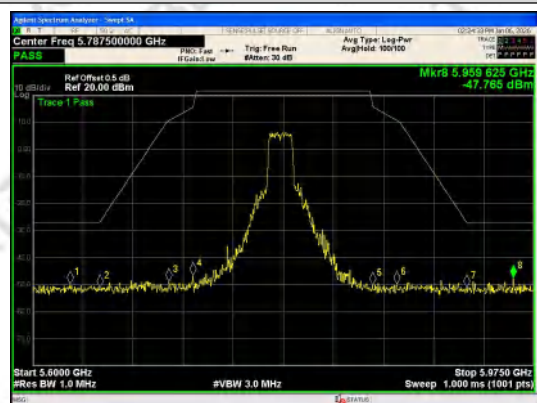
Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 159_40MHz_Antenna 0



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

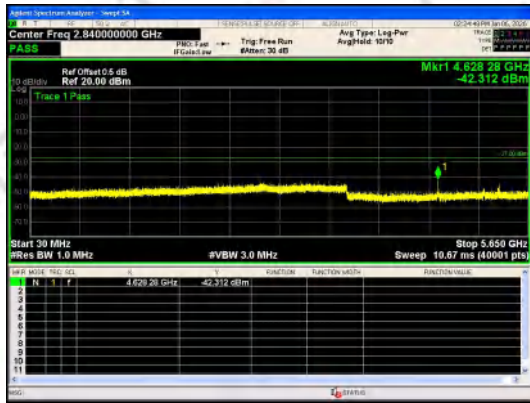


Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 149_20MHz_Antenna 0

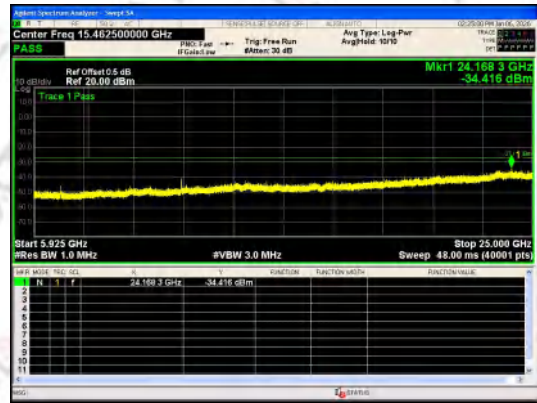


Out Of Band Emission
IEEE 802.11ac_Channel 157_20MHz_Antenna 0

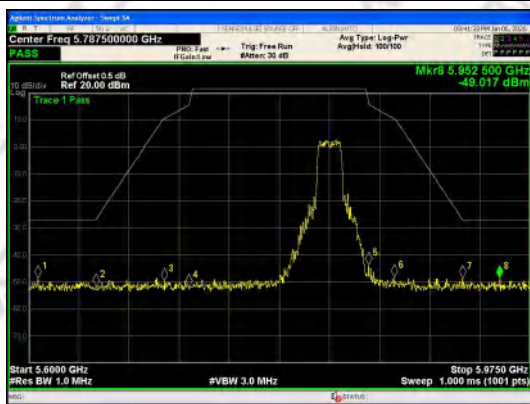




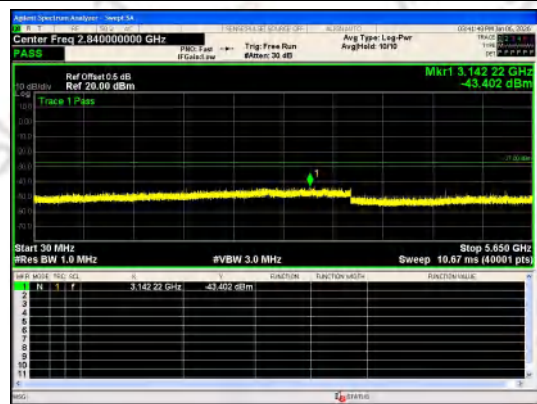
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 157_20MHz_Antenna
0



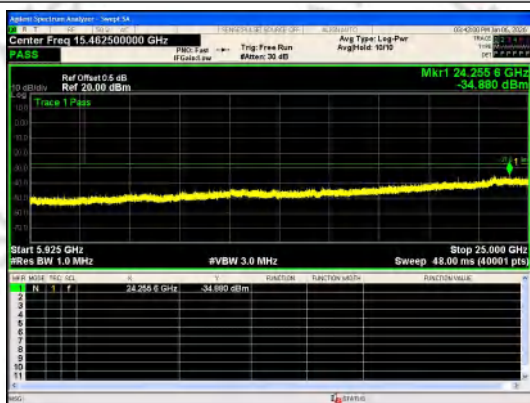
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 157_20MHz_Antenna
0



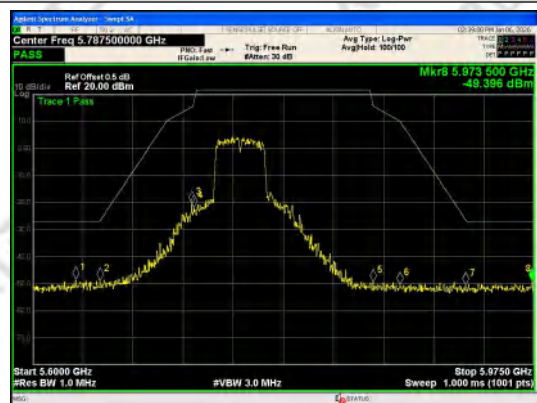
Out Of Band Emission
IEEE 802.11ac_Channel 165_20MHz_Antenna
0



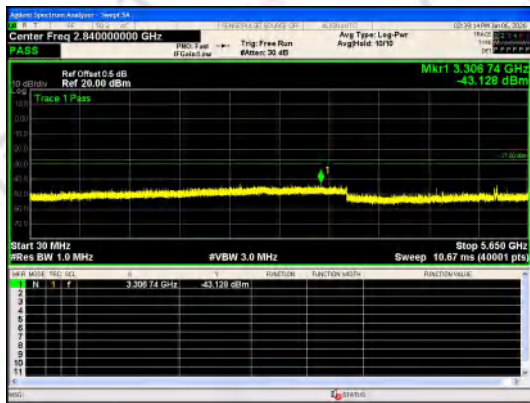
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 165_20MHz_Antenna
0



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



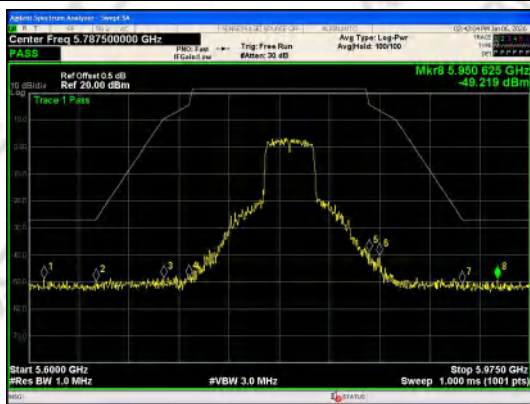
Out Of Band Emission
IEEE 802.11ac_Channel 151_40MHz_Antenna
0



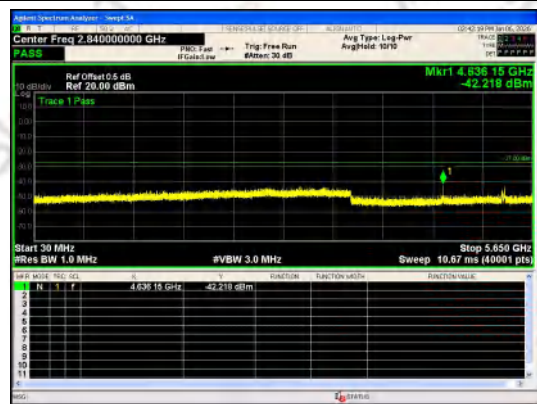
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 151_40MHz_Antenna
0



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

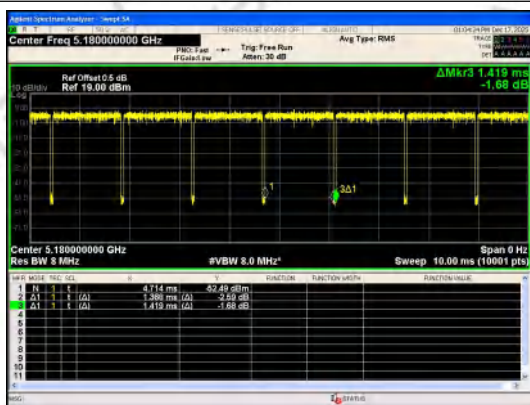
D6.Duty Cycle

Test Result

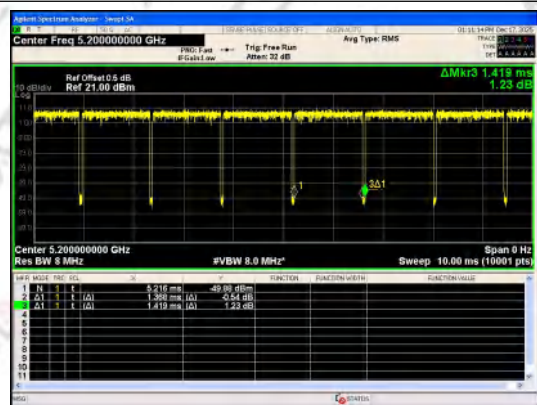
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11a	6	36	0	1.368	1.419	96.41	0.9641	0.1588
		40		1.368	1.419	96.41	0.9641	0.1588
		48		1.368	1.428	95.80	0.9580	0.1863
IEEE 802.11n_20	36	1.280		1.331	96.17	0.9617	0.1696	
	40	1.280		1.331	96.17	0.9617	0.1696	
	48	1.279		1.331	96.09	0.9609	0.1732	
IEEE 802.11n_40	38	0.638		0.691	92.41	0.9241	0.3428	
	46	0.638		0.691	92.41	0.9241	0.3428	
IEEE 802.11ac_20	MCS 0	36		1.287	1.338	96.16	0.9616	0.1701
		40		1.287	1.339	96.11	0.9611	0.1723
		48		1.288	1.339	96.19	0.9619	0.1687
IEEE 802.11ac_40		38		0.642	0.704	91.28	0.9128	0.3962
		46		0.642	0.695	92.45	0.9245	0.3409
IEEE 802.11ac_80		42		0.321	0.373	86.03	0.8603	0.6535

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	1.369	1.419	96.48	0.9648	0.1556
		157		1.368	1.428	95.80	0.9580	0.1863
		165		1.368	1.419	96.41	0.9641	0.1588
IEEE 802.11n_20	149	1.281		1.331	96.24	0.9624	0.1664	
	157	1.280		1.331	96.14	0.9614	0.171	
	165	1.280		1.331	96.17	0.9617	0.1696	
IEEE 802.11n_40	151	0.638		0.690	92.40	0.9240	0.3433	
	159	0.638		0.690	92.40	0.9240	0.3433	
IEEE 802.11ac_20	MCS 0	149		1.289	1.339	96.27	0.9627	0.1651
		157		1.288	1.339	96.19	0.9619	0.1687
		165		1.288	1.339	96.17	0.9617	0.1696
IEEE 802.11ac_40		151		0.642	0.694	92.45	0.9245	0.3409
		159		0.642	0.695	92.45	0.9245	0.3409
IEEE 802.11ac_80		155		0.321	0.373	86.08	0.8608	0.651

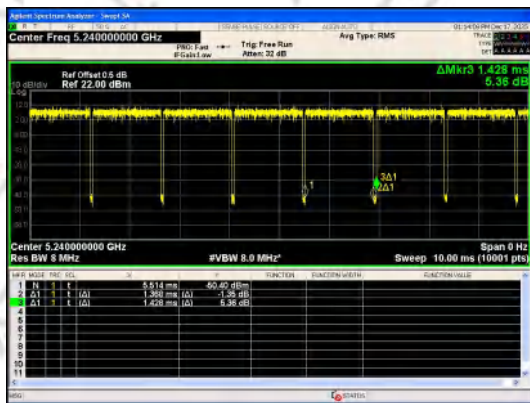
Test Graphs



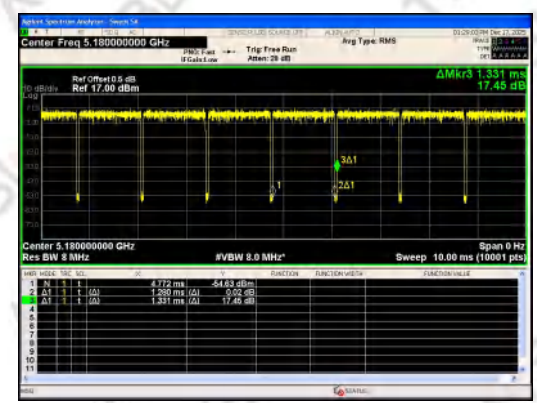
IEEE 802.11a_20MHz_Channel 36



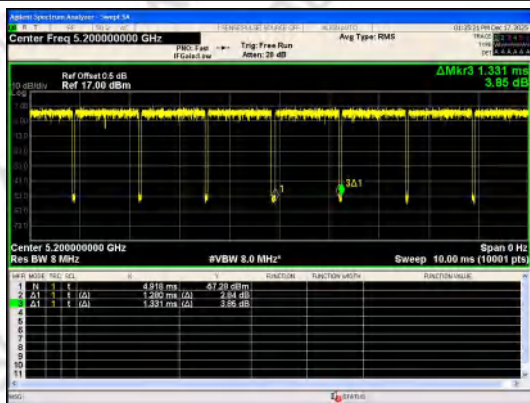
IEEE 802.11a_20MHz_Channel 40



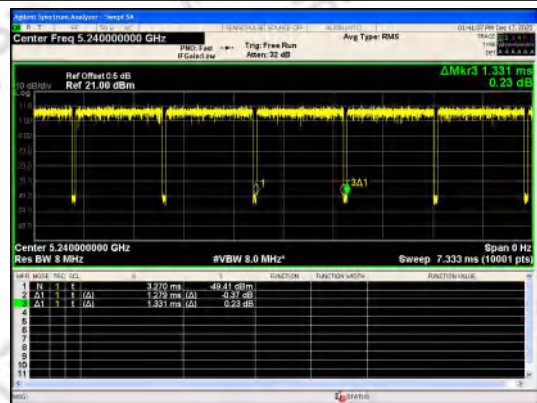
IEEE 802.11a_20MHz_Channel 48



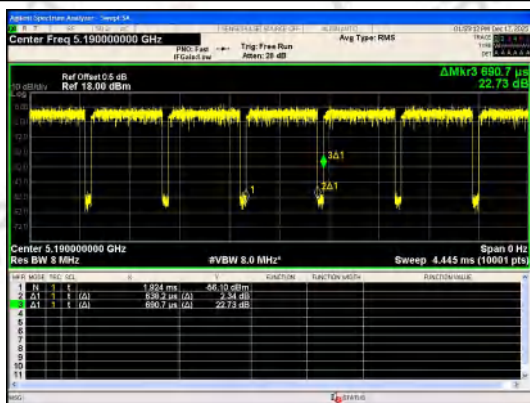
IEEE 802.11n_20MHz_Channel 36



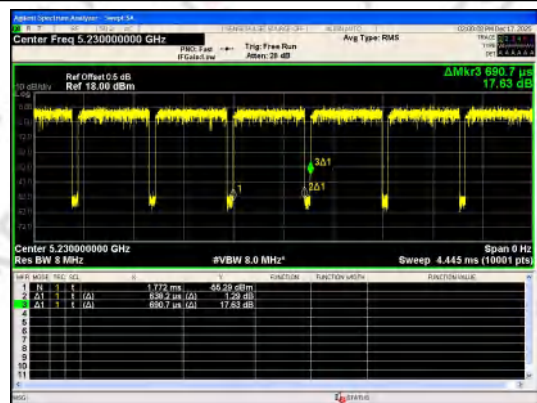
IEEE 802.11n_20MHz_Channel 40



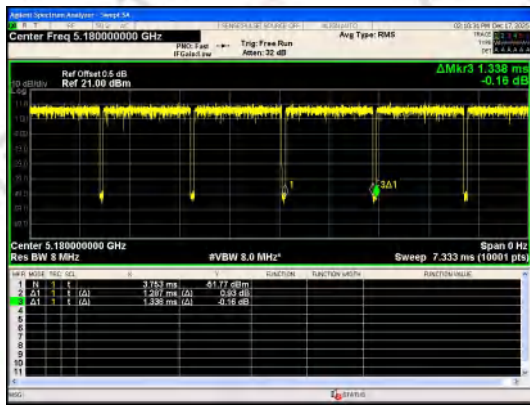
IEEE 802.11n_20MHz_Channel 48



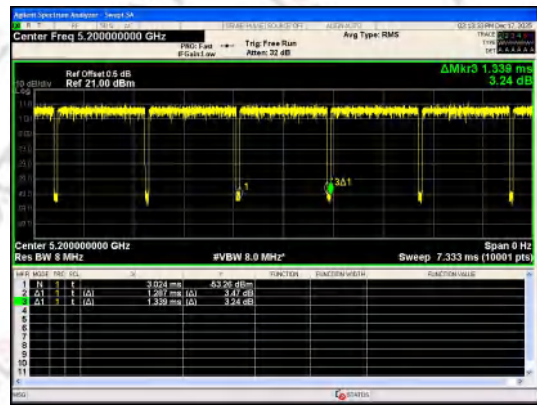
IEEE 802.11n_40MHz_Channel 38



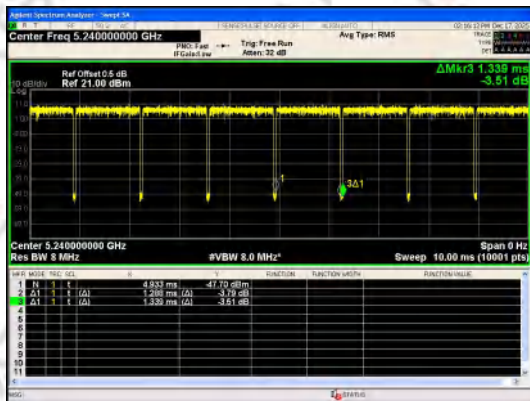
IEEE 802.11n_40MHz_Channel 46



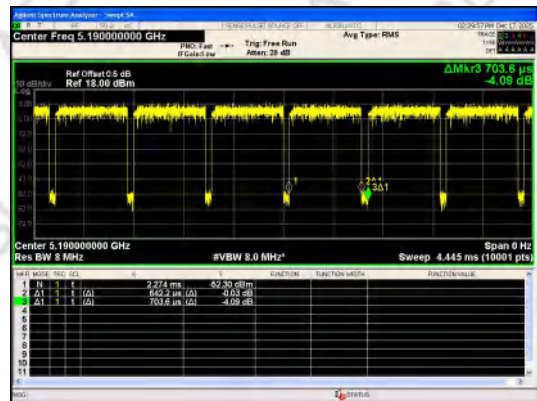
IEEE 802.11ac_20MHz_Channel 36



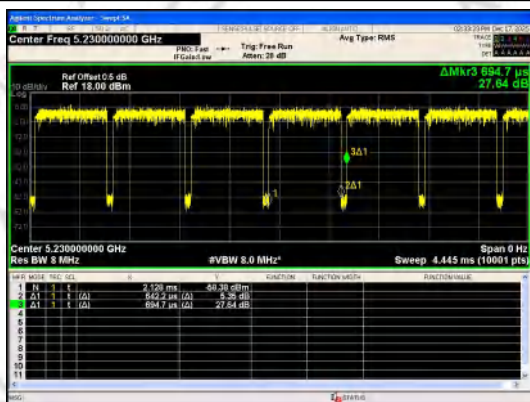
IEEE 802.11ac_20MHz_Channel 40



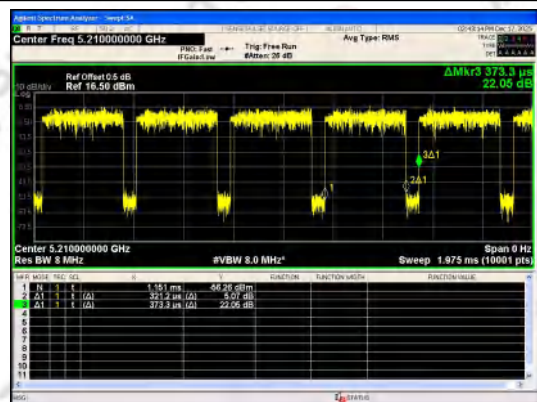
IEEE 802.11ac_20MHz_Channel 48



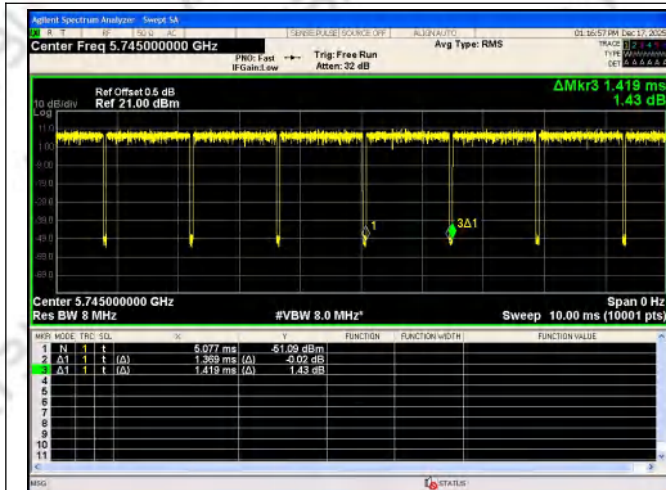
IEEE 802.11ac_40MHz_Channel 38



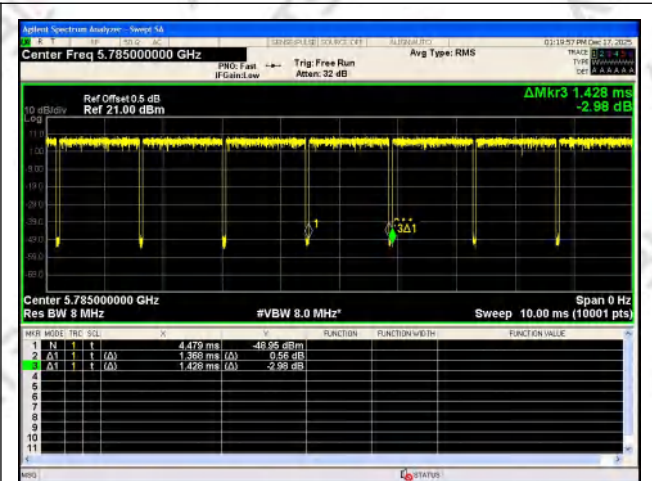
IEEE 802.11ac_40MHz_Channel 46



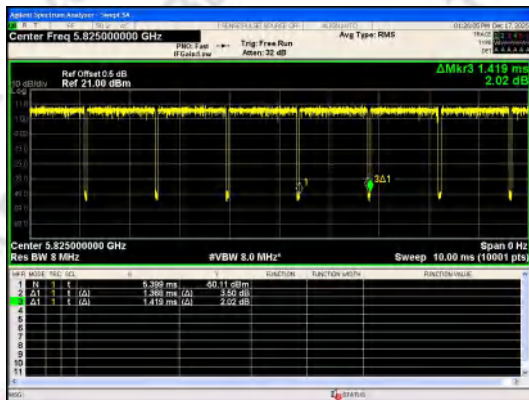
IEEE 802.11ac_80MHz_Channel 42



IEEE 802.11a_20MHz_Channel 149



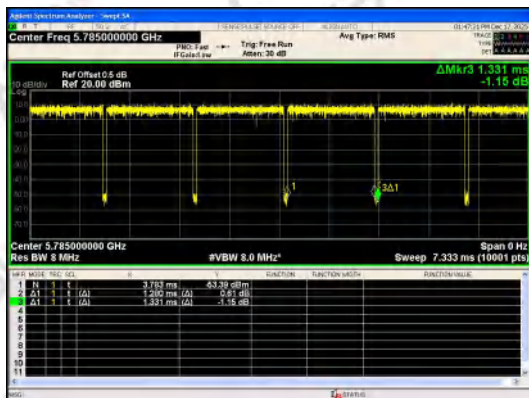
IEEE 802.11a_20MHz_Channel 157



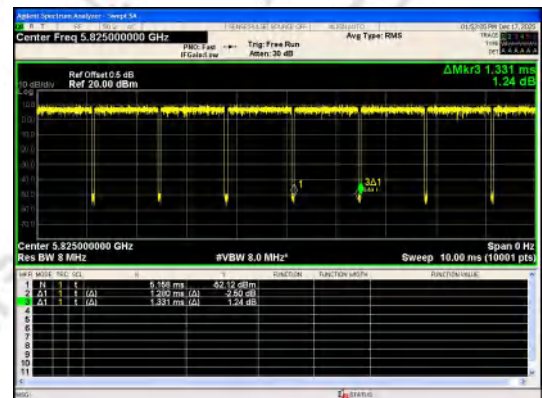
IEEE 802.11a_20MHz_Channel 165



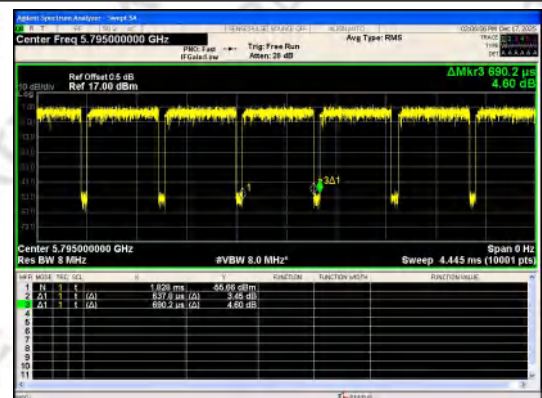
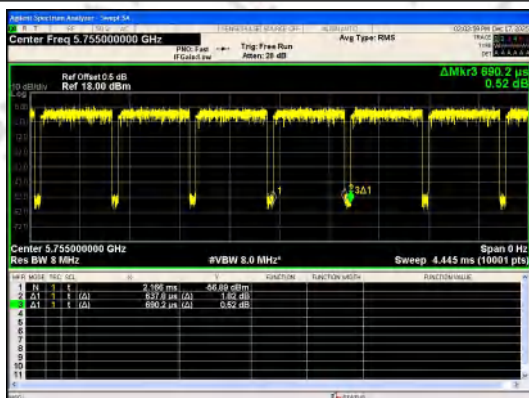
IEEE 802.11n_20MHz_Channel 149



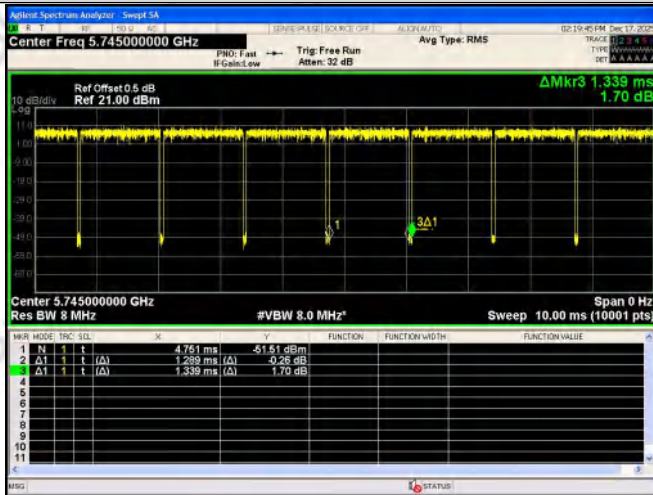
IEEE 802.11n_20MHz_Channel 157



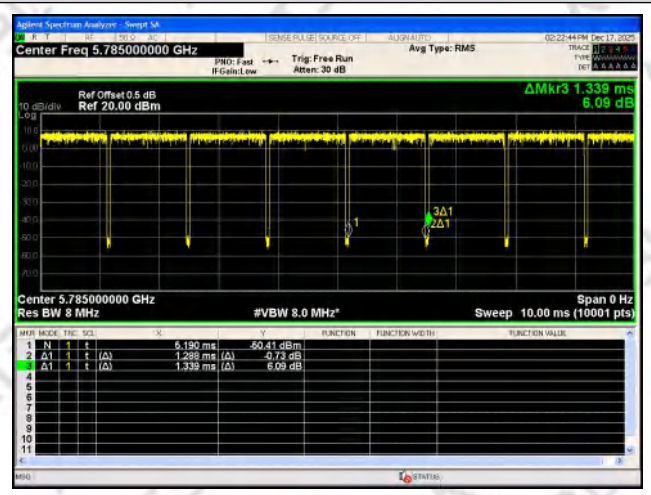
IEEE 802.11n_20MHz_Channel 165



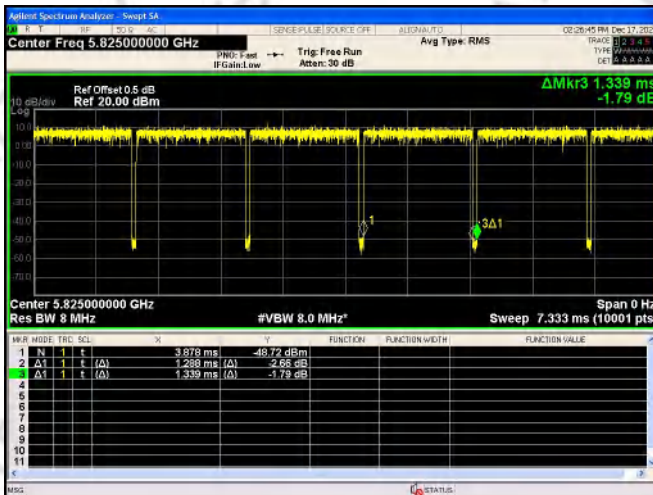
IEEE 802.11n_40MHz_Channel 151



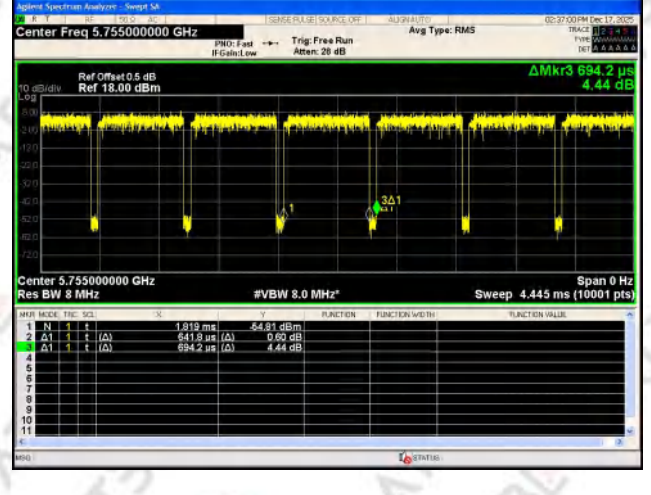
IEEE 802.11n_40MHz_Channel 159



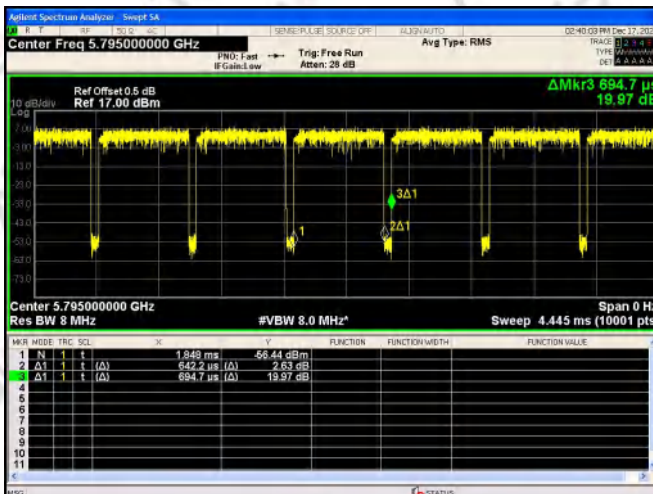
IEEE 802.11ac_20MHz_Channel 149



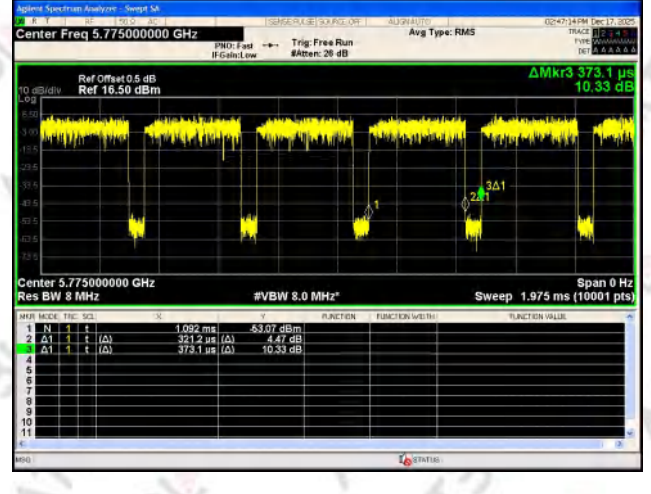
IEEE 802.11ac_20MHz_Channel 157



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*****