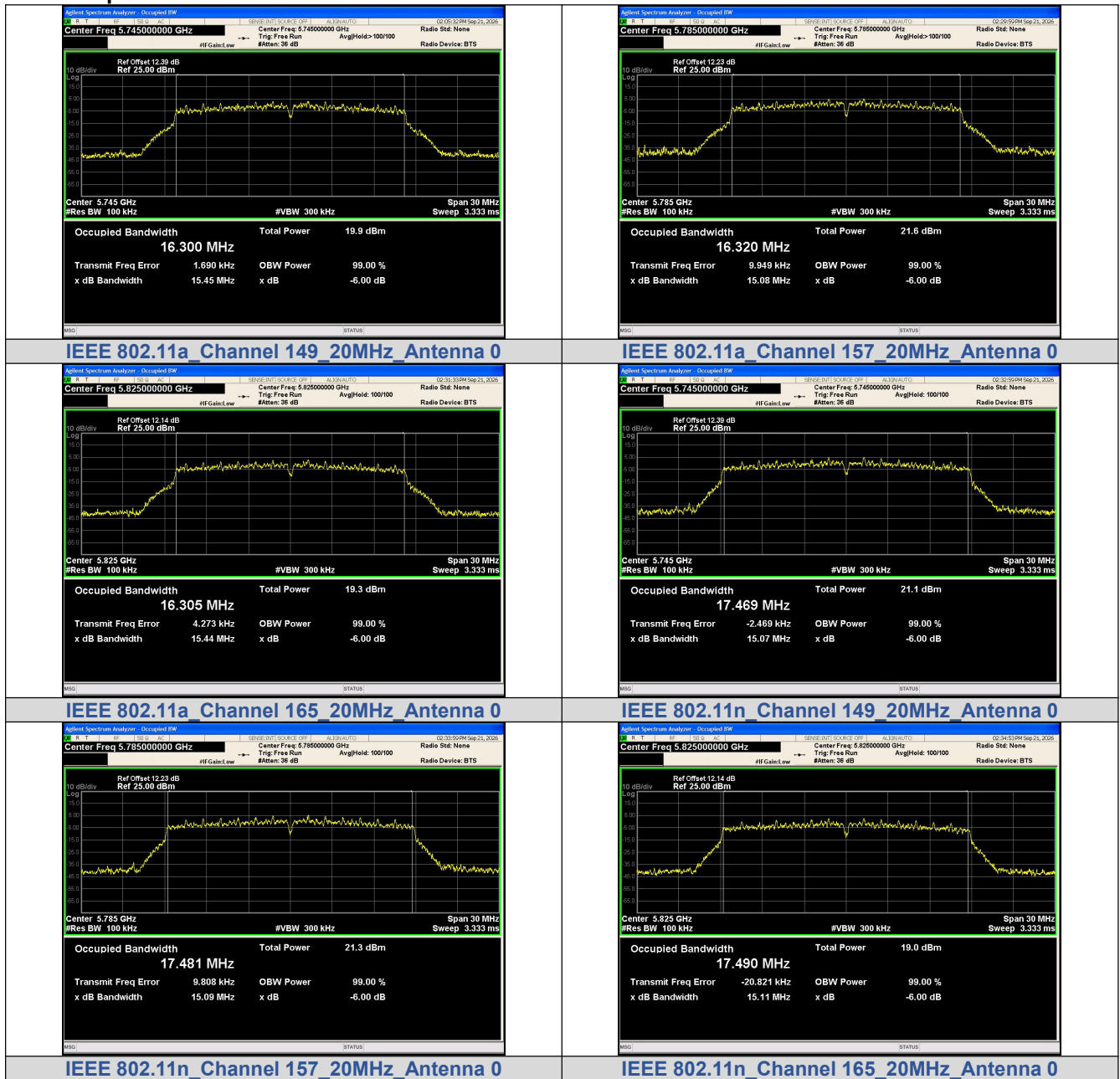


APPENDIX IV. 6dB Bandwidth Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	0	5745	15.45	≥0.5	PASS
	157		5785	15.08		PASS
	165		5825	15.44		PASS
IEEE 802.11n_20	149		5745	15.07		PASS
	157		5785	15.09		PASS
	165		5825	15.11		PASS

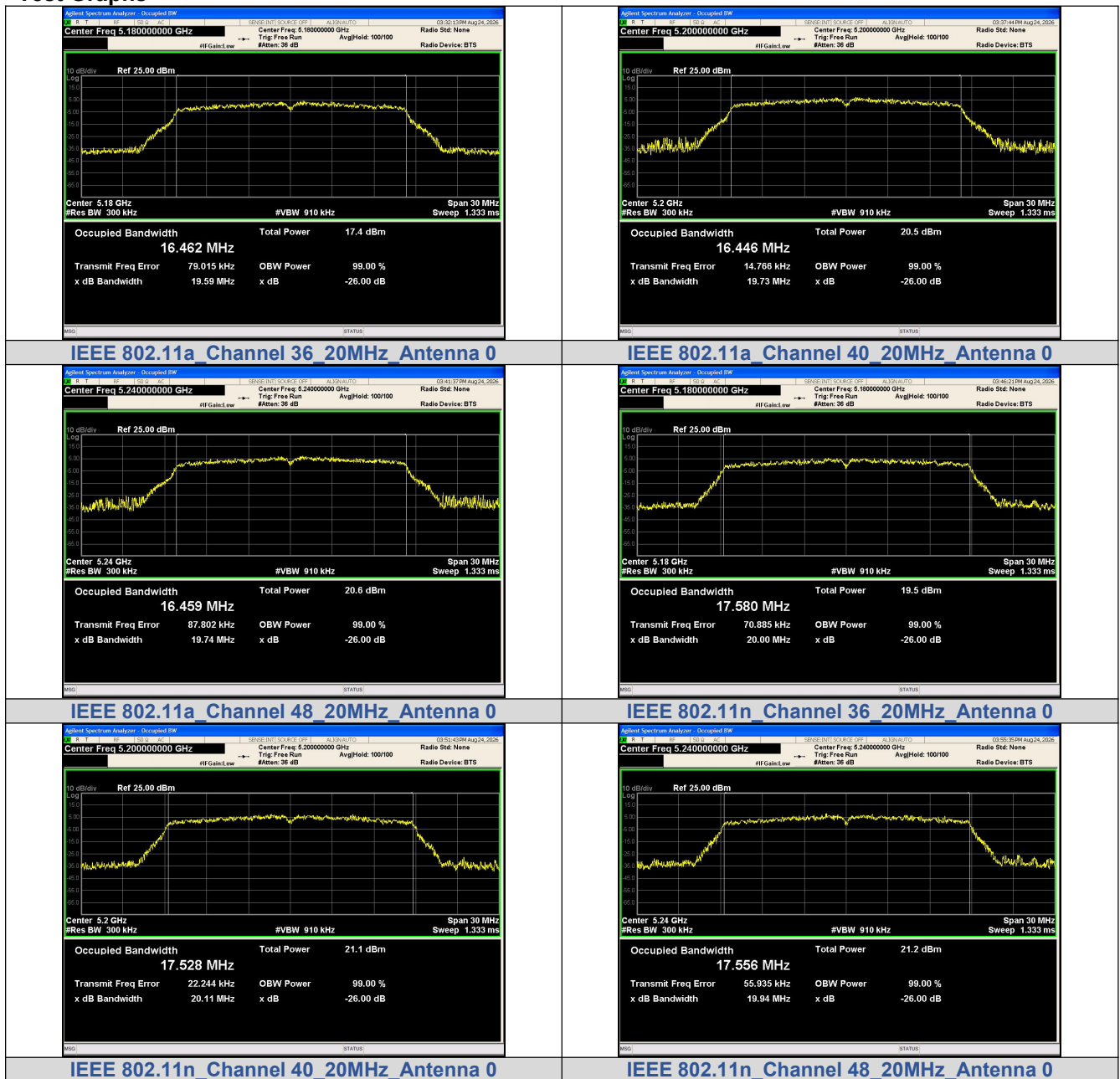
Test Graphs



APPENDIX V. 26dB Bandwidth Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	36	0	5180	24.77	0.87
	40		5200	19.43	1.11
	48		5240	19.56	1.11
IEEE 802.11n_20	36		5180	19.86	1.12
	40		5200	20.09	1.08
	48		5240	20.20	1.09

Test Graphs



APPENDIX VI. Conducted Spurious & Band Edge Emission

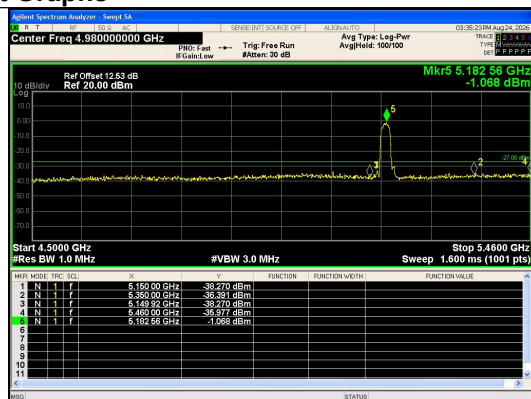
Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	36	0	5145.78	-36.363	-27	-9.360	PASS
			5149.92	-38.270	-27	-11.000	PASS
			5150.00	-38.270	-27	-11.000	PASS
			5350.00	-36.391	-27	-9.000	PASS
			5460.00	-35.977	-27	-9.000	PASS
			24923.9	-35.346	-27	-8.350	PASS
	40		5107.12	-41.420	-27	-14.420	PASS
			5148.00	-36.762	-27	-10.000	PASS
			5150.00	-38.063	-27	-11.000	PASS
			5350.00	-36.615	-27	-10.000	PASS
			5458.08	-36.302	-27	-9.000	PASS
			24925.3	-35.556	-27	-8.560	PASS
	48		5144.75	-43.546	-27	-16.550	PASS
			5148.00	-37.114	-27	-10.000	PASS
			5150.00	-37.363	-27	-10.000	PASS
			5350.00	-35.985	-27	-9.000	PASS
			5460.00	-35.840	-27	-9.000	PASS
			24908.1	-35.827	-27	-8.830	PASS
IEEE 802.11n_20	36		5148.96	-37.106	-27	-10.000	PASS
			5149.87	-32.061	-27	-5.060	PASS
			5150.00	-37.760	-27	-11.000	PASS
			5350.00	-37.094	-27	-10.000	PASS
			5460.00	-36.079	-27	-9.000	PASS
			24873.3	-35.000	-27	-8.000	PASS
	40	5149.87	-40.622	-27	-13.620	PASS	
		5149.92	-38.924	-27	-12.000	PASS	
		5150.00	-38.924	-27	-12.000	PASS	
		5350.00	-36.326	-27	-9.000	PASS	
		5458.08	-35.569	-27	-9.000	PASS	
		24957.8	-34.034	-27	-7.030	PASS	
	48	5133.74	-42.837	-27	-15.840	PASS	
		5148.00	-36.986	-27	-10.000	PASS	
		5150.00	-37.014	-27	-10.000	PASS	
		5350.00	-35.792	-27	-9.000	PASS	
		5450.40	-34.950	-27	-8.000	PASS	
		24915.5	-34.761	-27	-7.760	PASS	

Note 1: input compensation coefficient (dB)= Cable Loss (dB)

Note 2: OOB Emission Level in the table with antenna gain added.

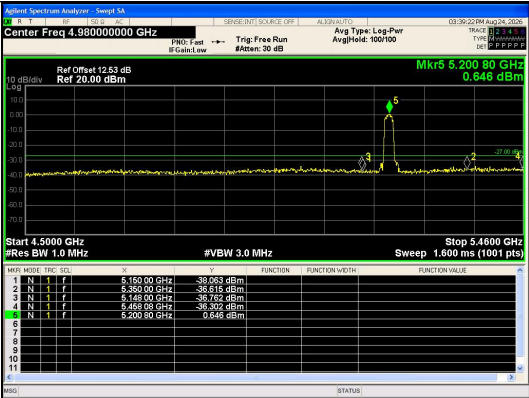
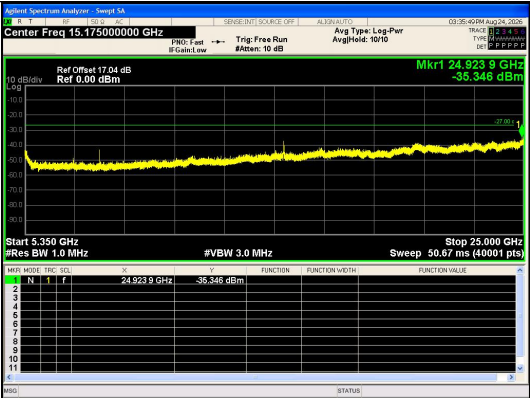
Test Graphs



Out Of Band Emission
IEEE 802.11a Channel 36 20MHz Antenna 0

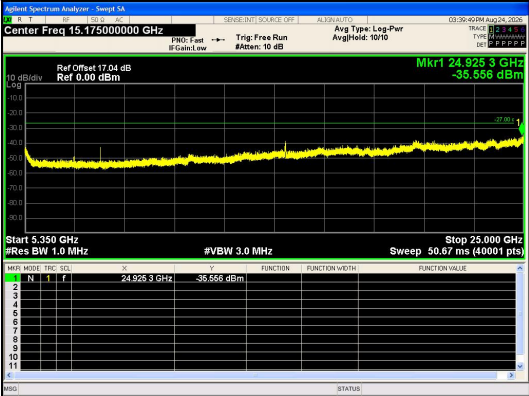
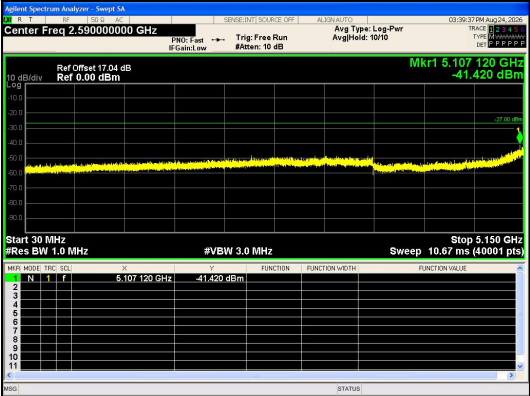


Spurious Emission: 30.0~5150 MHz
IEEE 802.11a Channel 36 20MHz Antenna 0



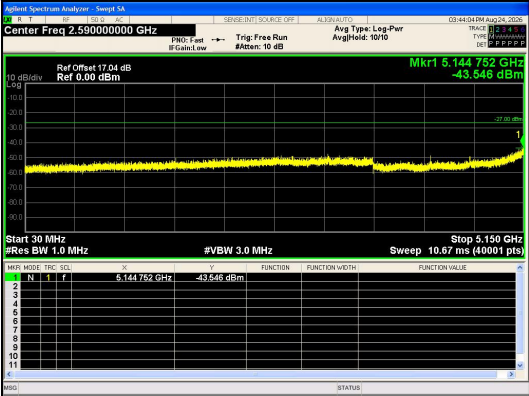
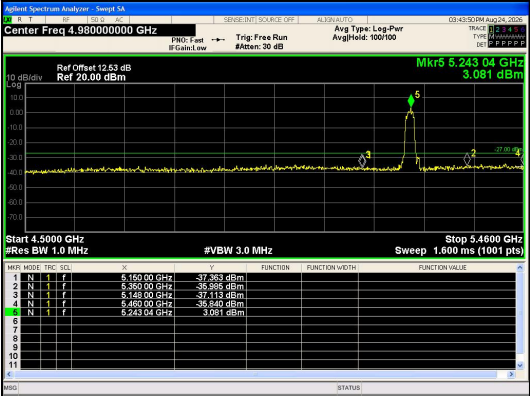
Spurious Emission:5350~25000.0 MHz
IEEE 802.11a_Channel 36_20MHz_Antenna 0

Out Of Band Emission
IEEE 802.11a_Channel 40_20MHz_Antenna 0



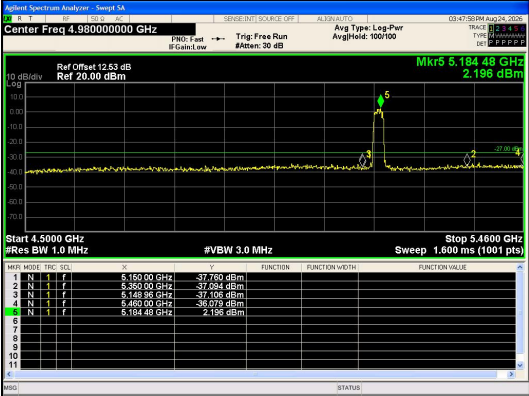
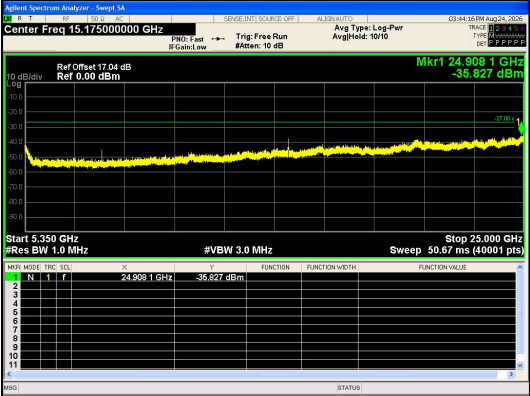
Spurious Emission:30.0~5150 MHz
IEEE 802.11a_Channel 40_20MHz_Antenna 0

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



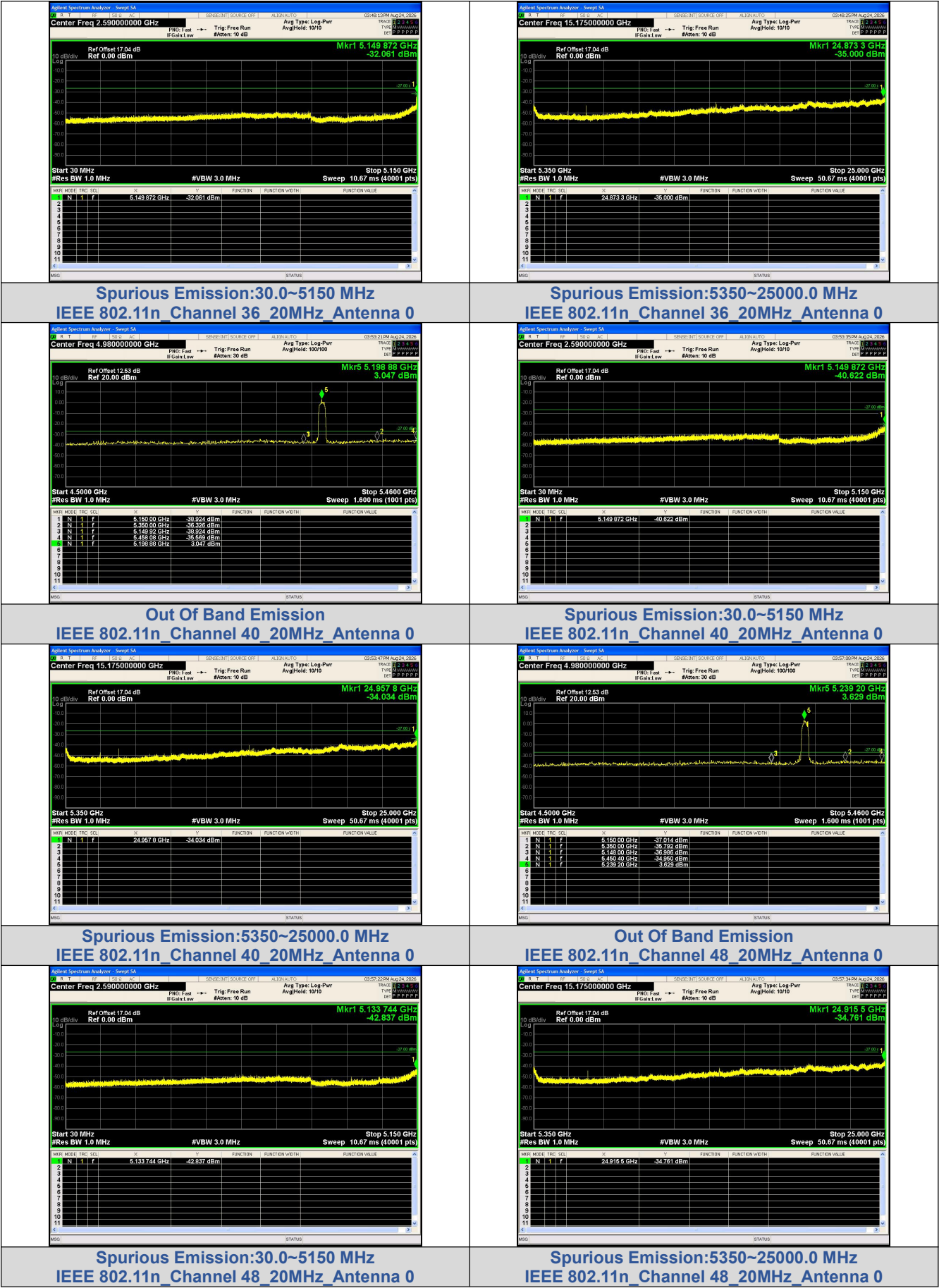
Out Of Band Emission
IEEE 802.11a_Channel 48_20MHz_Antenna 0

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



Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	149	0	5622.50	-36.300	-27.0	-9.300	PASS
			5635.95	-32.302	-27	-5.300	PASS
			5650.25	-38.710	-26.81	-11.900	PASS
			5705.38	-35.230	11.5	-46.730	PASS
			5720.75	-35.600	17.31	-52.910	PASS
			5744.00	-5.360	27.0	-32.360	PASS
			5854.62	-38.230	16.46	-54.690	PASS
			5874.12	-36.260	10.25	-46.510	PASS
			5924.75	-37.450	-26.82	-10.630	PASS
			5961.88	-36.320	-27.0	-9.320	PASS
	157		24901.3	-35.913	-27	-8.910	PASS
			5616.70	-35.439	-27	-8.440	PASS
			5640.12	-36.560	-27.0	-9.560	PASS
			5650.25	-36.410	-26.81	-9.600	PASS
			5700.50	-36.030	10.14	-46.170	PASS
			5720.00	-38.520	15.6	-54.120	PASS
			5786.38	-6.310	27.0	-33.310	PASS
			5854.62	-38.920	16.46	-55.380	PASS
			5874.88	-38.400	10.03	-48.430	PASS
			5924.75	-38.330	-26.81	-11.520	PASS
	165		5948.75	-36.270	-27.0	-9.270	PASS
			24922.3	-35.443	-27	-8.440	PASS
			5606.38	-36.800	-27.0	-9.800	PASS
			5639.60	-39.308	-27	-12.310	PASS
			5650.62	-37.550	-26.53	-11.020	PASS
			5701.25	-35.340	10.35	-45.690	PASS
			5720.00	-37.370	15.6	-52.970	PASS
			5826.50	-8.510	27.0	-35.510	PASS
			5854.25	-36.240	17.31	-53.550	PASS
			5874.50	-37.750	10.14	-47.890	PASS
IEEE 802.11n_20	149		5924.00	-36.760	-26.26	-10.500	PASS
			5962.62	-35.830	-27.0	-8.830	PASS
			24995.2	-35.718	-27	-8.720	PASS
			5641.62	-35.890	-27.0	-8.890	PASS
			5644.66	-32.141	-27	-5.140	PASS
			5650.25	-38.020	-26.82	-11.200	PASS
			5702.00	-33.950	10.56	-44.510	PASS
			5720.00	-38.110	15.6	-53.710	PASS
			5746.62	-7.070	27.0	-34.070	PASS
			5854.62	-38.710	16.45	-55.160	PASS
	157		5874.50	-36.070	10.14	-46.210	PASS
			5923.25	-37.510	-25.7	-11.810	PASS
			5951.75	-36.650	-27.0	-9.650	PASS
			24894.6	-33.847	-27	-6.850	PASS
			5621.62	-35.315	-27	-8.310	PASS
			5634.12	-36.060	-27.0	-9.060	PASS
			5652.12	-37.670	-25.43	-12.240	PASS
			5700.12	-35.310	10.03	-45.340	PASS
			5720.00	-37.930	15.6	-53.530	PASS
			5783.00	-6.960	27.0	-33.960	PASS
	165		5854.62	-35.790	16.45	-52.240	PASS
			5874.50	-37.010	10.14	-47.150	PASS
			5924.00	-35.800	-26.26	-9.540	PASS
			5930.38	-36.320	-27.0	-9.320	PASS
			24951.4	-34.330	-27	-7.330	PASS
			5640.88	-36.170	-27.0	-9.170	PASS
			5641.71	-38.417	-27	-11.420	PASS
			5650.25	-39.120	-26.81	-12.310	PASS
			5700.12	-36.990	10.03	-47.020	PASS
			5720.00	-37.860	15.6	-53.460	PASS
5828.38	-8.690		27.0	-35.690	PASS		
5853.88	-37.260		18.16	-55.420	PASS		

			5871.88	-37.240	10.87	-48.110	PASS
			5922.50	-36.720	-25.15	-11.570	PASS
			5961.88	-36.770	-27.0	-9.770	PASS
			24913.2	-35.168	-27	-8.170	PASS
Note 1: input compensation coeffcient (dB)= Cable Loss (dB)							

Test Graphs

