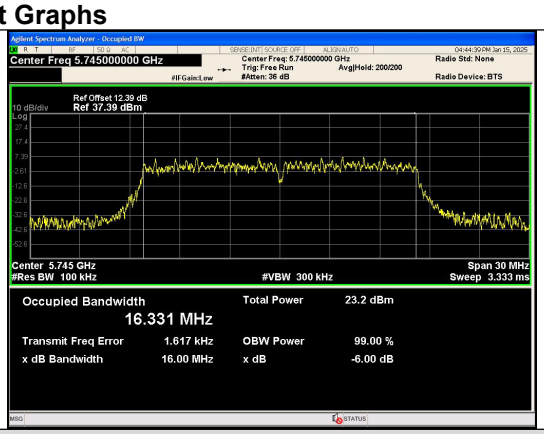
APPENDIX IV. 6dB Bandwidth

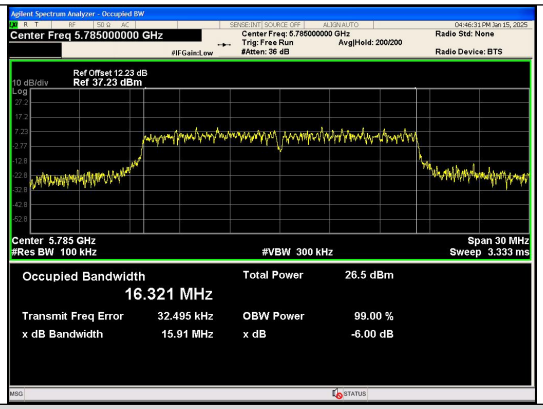
Test Result

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	N/A	0	5745	16.00	≥0.5	PASS
	157			5785	15.91		PASS
	165			5825	16.01		PASS
IEEE 802.11n_20	149			5745	17.03		PASS
	157			5785	17.55		PASS
	165			5825	16.79		PASS
IEEE 802.11n_40	151			5755	36.12		PASS
	159			5795	35.31		PASS
IEEE 802.11ac_20	149			5745	16.47		PASS
	157			5785	15.58		PASS
	165			5825	16.74		PASS
IEEE 802.11ac_40	151			5755	35.81		PASS
	159			5795	35.41		PASS
IEEE 802.11ac_80	155			5775	75.07		PASS
IEEE 802.11ax_20	149	SU		5745	16.80		PASS
	157			5785	17.72		PASS
	165			5825	17.76		PASS
IEEE 802.11ax_40	151			5755	35.13		PASS
	159			5795	37.64		PASS

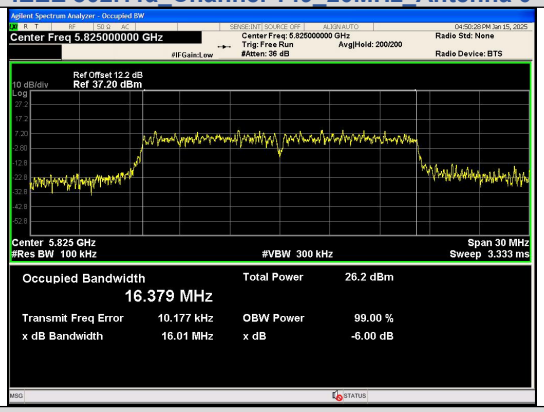
Test Graphs



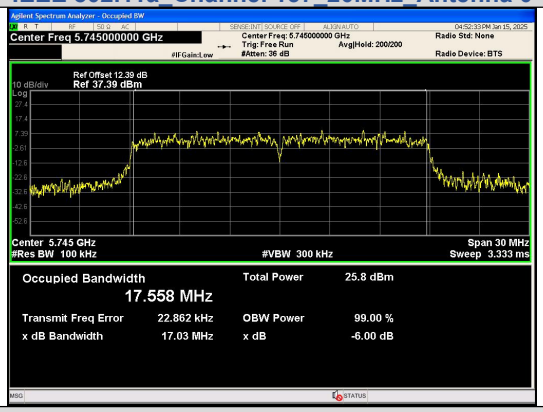
IEEE 802.11a_Channel 149_20MHz_Antenna 0



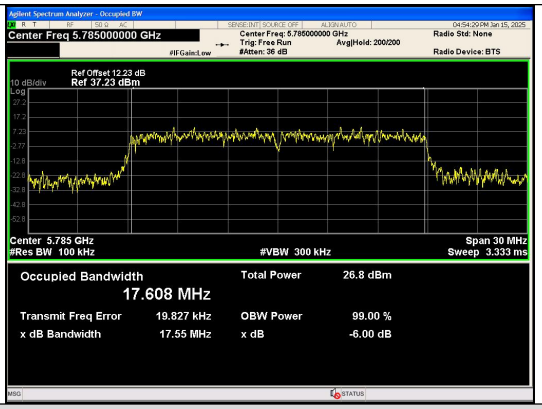
IEEE 802.11a_Channel 157_20MHz_Antenna 0



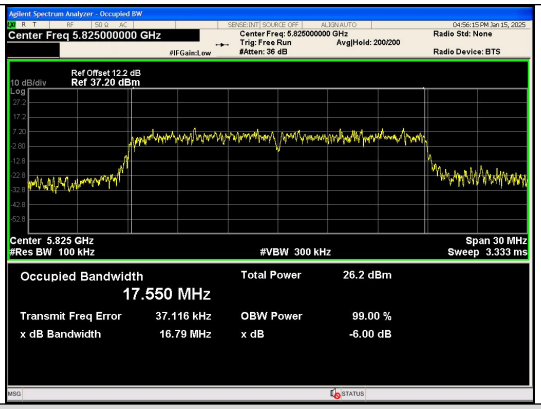
IEEE 802.11a_Channel 165_20MHz_Antenna 0



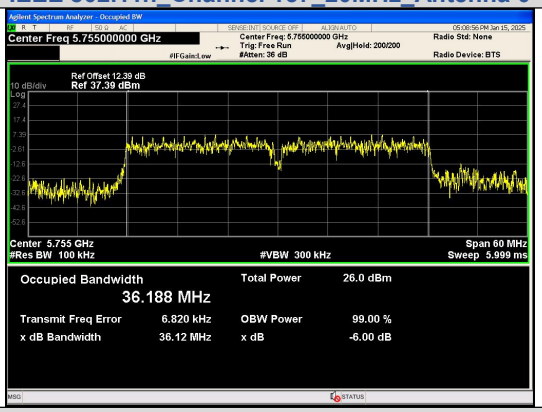
IEEE 802.11n_Channel 149_20MHz_Antenna 0



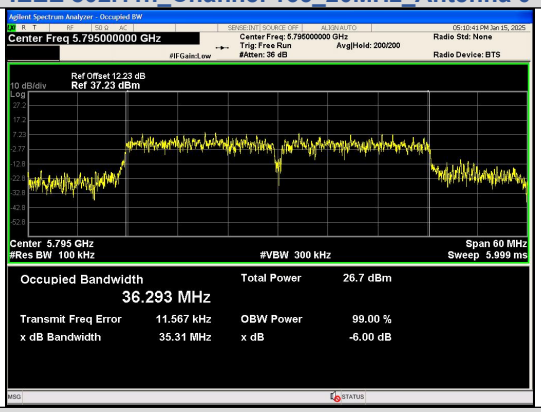
IEEE 802.11n_Channel 157_20MHz_Antenna 0



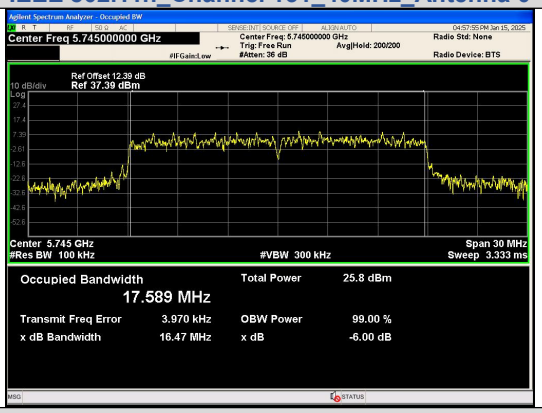
IEEE 802.11n_Channel 165_20MHz_Antenna 0



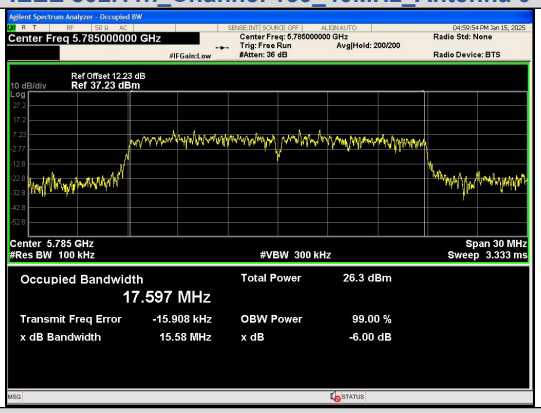
IEEE 802.11n_Channel 151_40MHz_Antenna 0



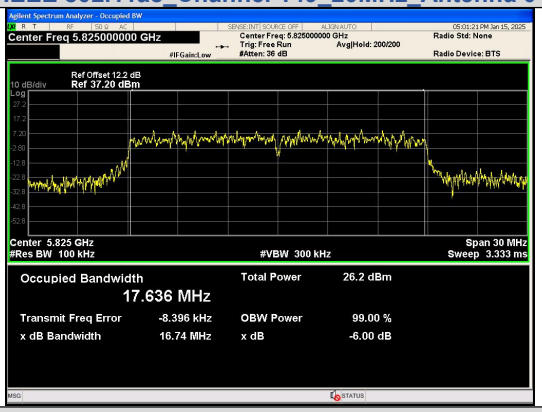
IEEE 802.11n_Channel 159_40MHz_Antenna 0



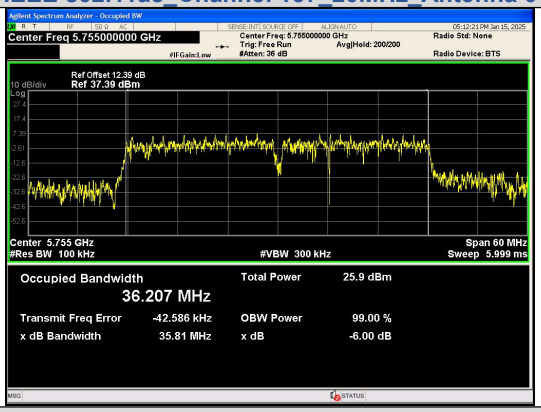
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



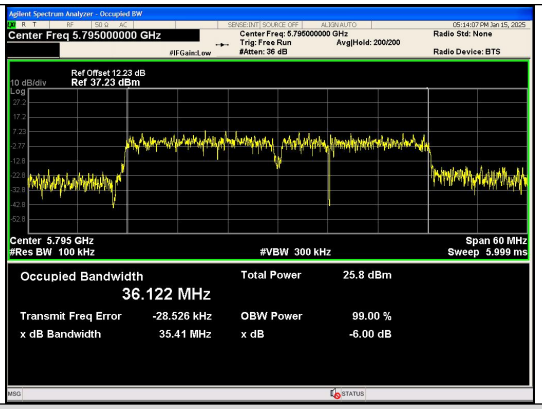
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



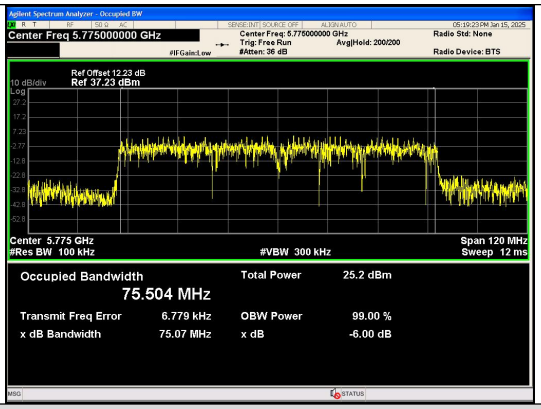
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



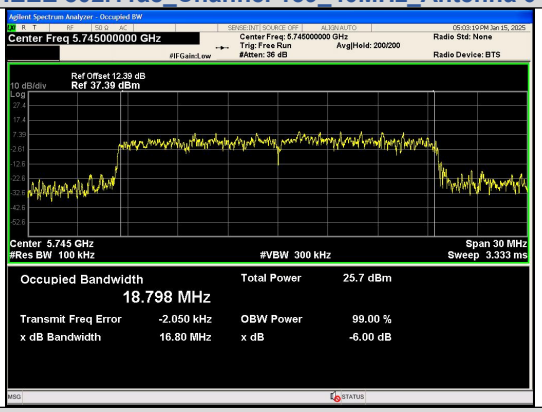
IEEE 802.11ac_Channel 151_40MHz_Antenna 0



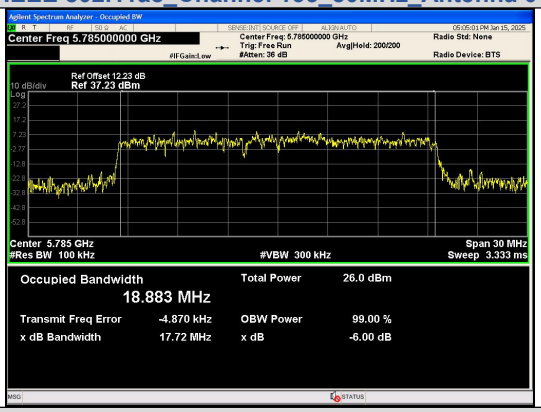
IEEE 802.11ac_Channel 159_40MHz_Antenna 0



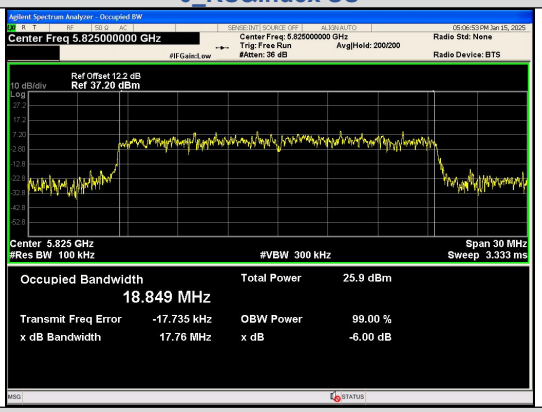
IEEE 802.11ac_Channel 155_80MHz_Antenna 0



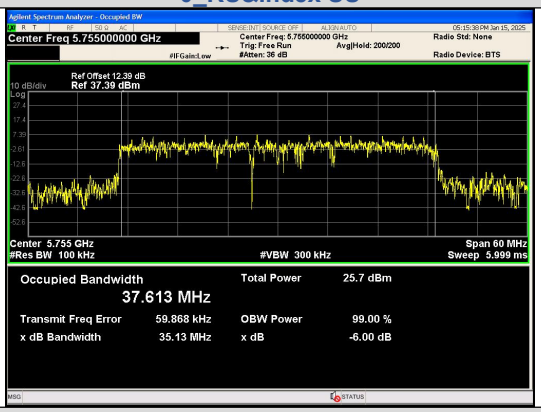
IEEE 802.11ax_Channel 149_20MHz_Antenna 0_RU&Index SU



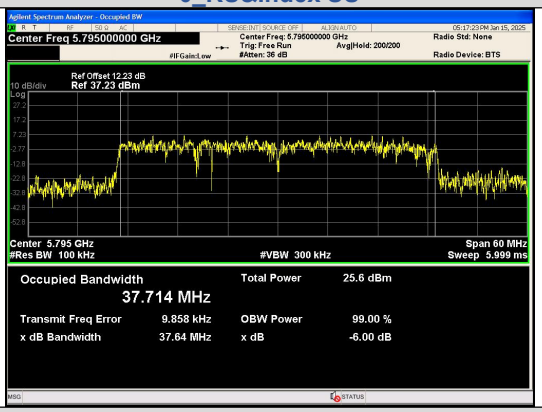
IEEE 802.11ax_Channel 157_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 165_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 151_40MHz_Antenna 0_RU&Index SU



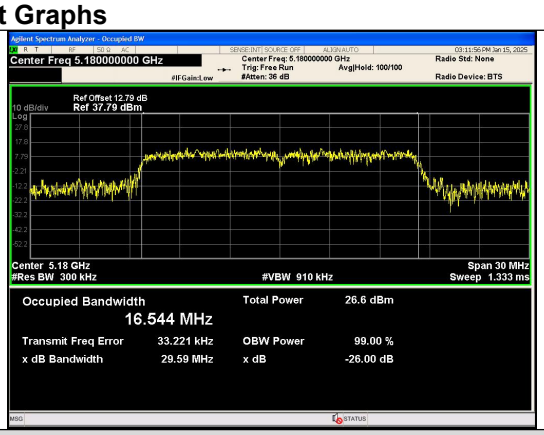
IEEE 802.11ax_Channel 159_40MHz_Antenna 0_RU&Index SU

APPENDIX V. 26dB Bandwidth

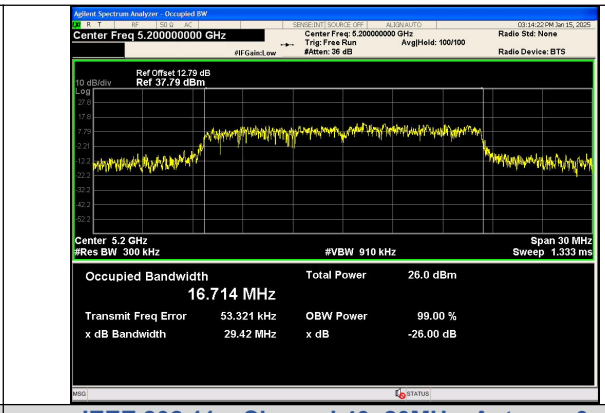
Test Result

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	36	N/A	0	5180	29.59	1.01
	40			5200	29.42	1.02
	48			5240	28.87	1.04
IEEE 802.11n_20	36			5180	29.66	1.01
	40			5200	26.12	1.15
	48			5240	29.54	1.02
IEEE 802.11n_40	38			5190	59.34	1.04
	46			5230	59.09	1.04
IEEE 802.11ac_20	36			5180	29.91	1.0
	40			5200	28.65	1.05
	48			5240	29.88	1.0
IEEE 802.11ac_40	38			5190	59.47	1.04
	46			5230	59.82	1.03
IEEE 802.11ac_80	42			5210	117.88	0.99
IEEE 802.11ax_20	36	SU		5180	23.57	1.12
	40			5200	29.82	1.01
	48			5240	28.22	1.06
IEEE 802.11ax_40	38			5190	55.44	1.03
	46			5230	58.84	1.04

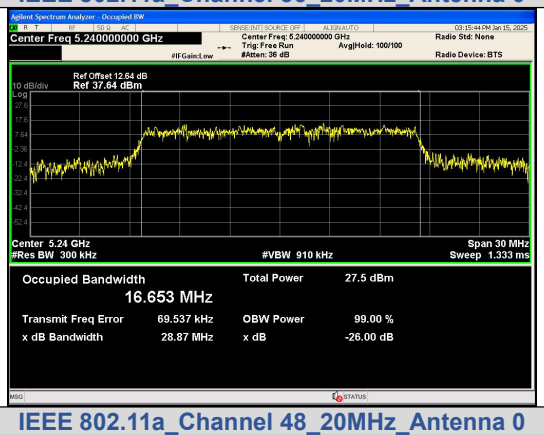
Test Graphs



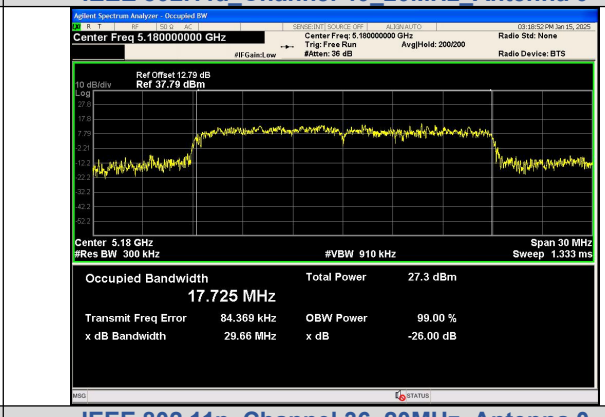
IEEE 802.11a_Channel 36_20MHz_Antenna 0



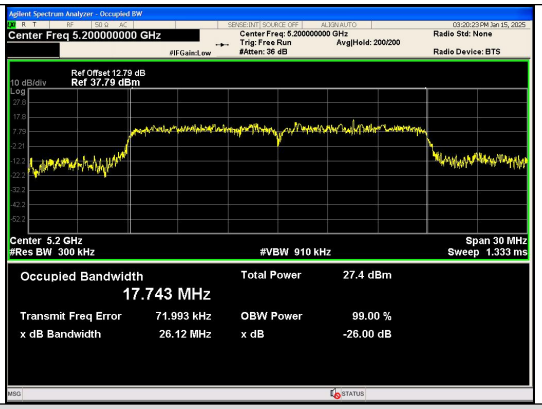
IEEE 802.11a_Channel 40_20MHz_Antenna 0



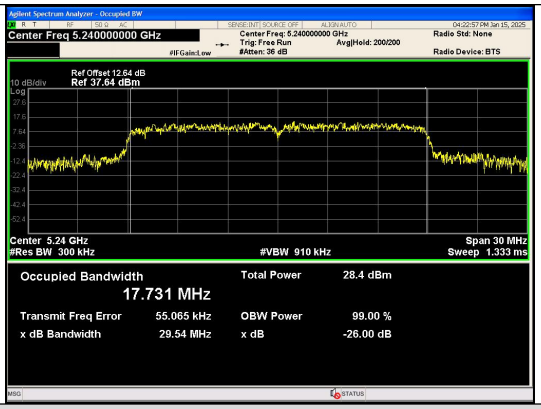
IEEE 802.11a_Channel 48_20MHz_Antenna 0



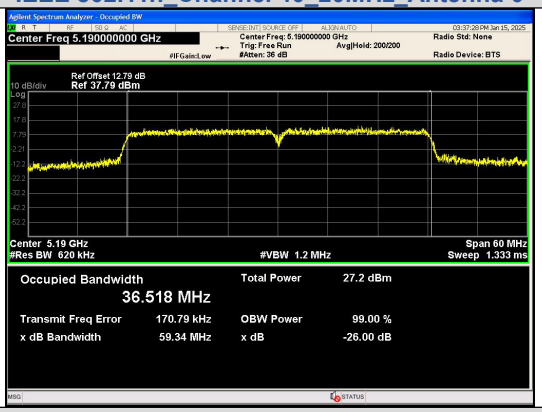
IEEE 802.11n_Channel 36_20MHz_Antenna 0



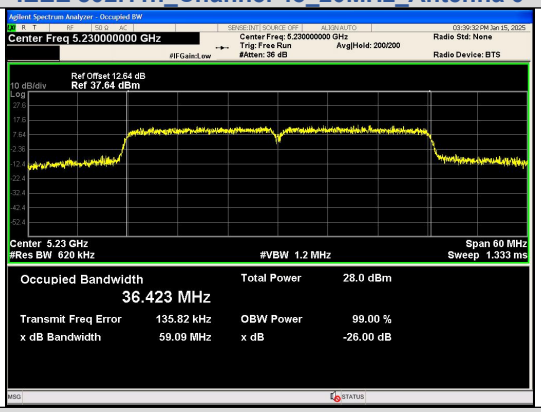
IEEE 802.11n_Channel 40_20MHz_Antenna 0



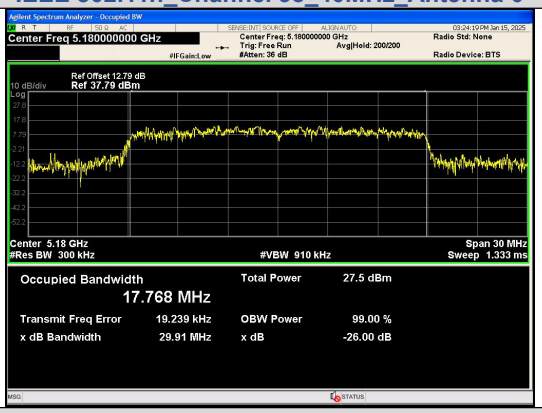
IEEE 802.11n_Channel 48_20MHz_Antenna 0



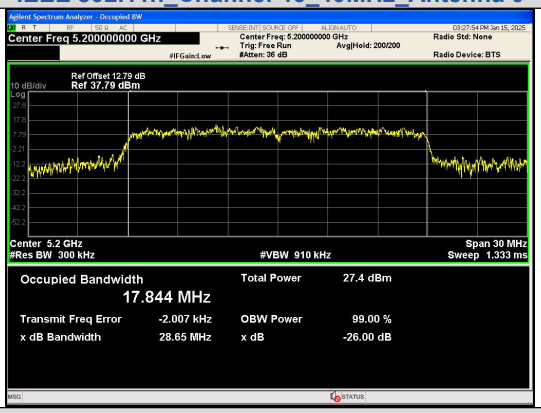
IEEE 802.11n_Channel 38_40MHz_Antenna 0



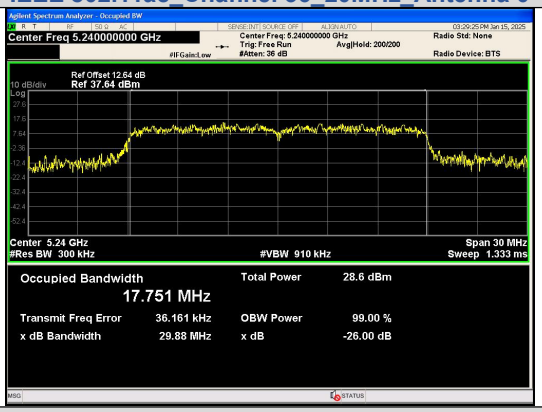
IEEE 802.11n_Channel 46_40MHz_Antenna 0



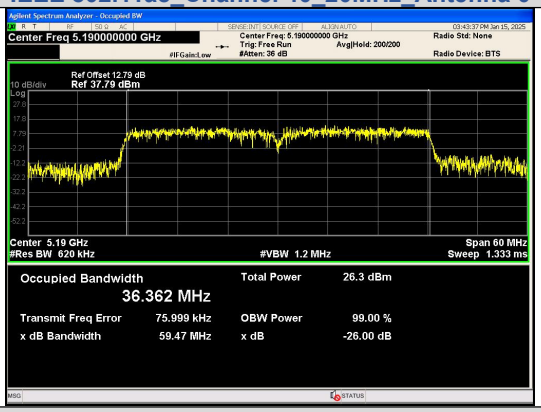
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



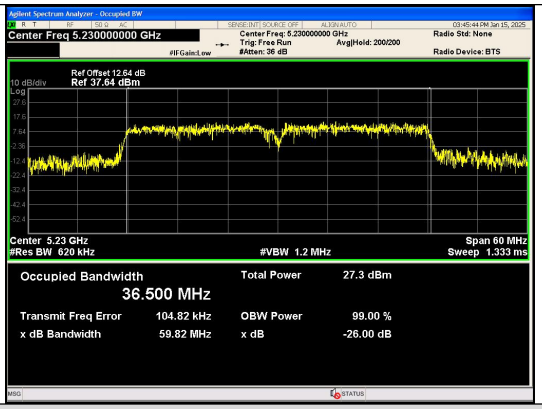
IEEE 802.11ac_Channel 40_20MHz_Antenna 0



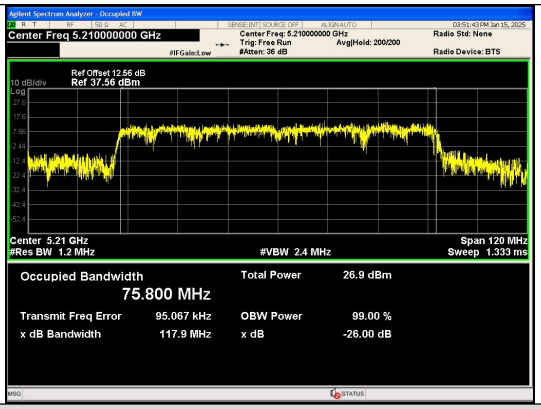
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



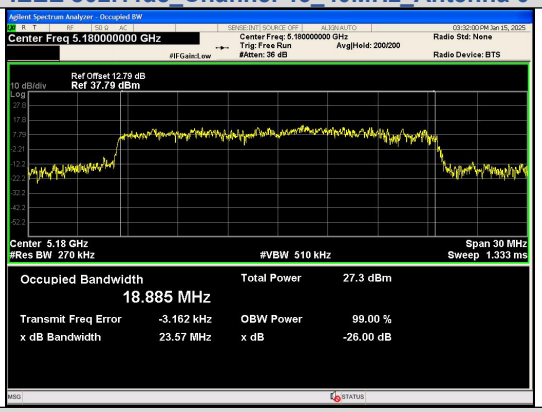
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



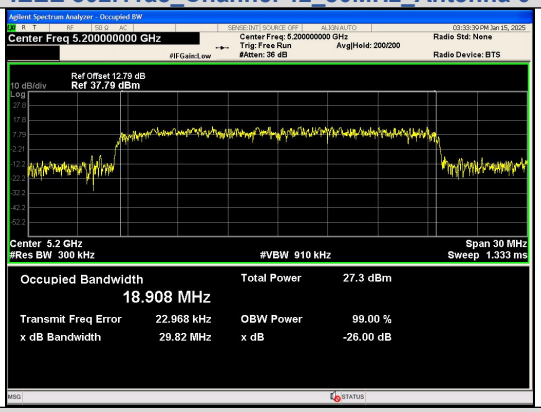
IEEE 802.11ac_Channel 46_40MHz_Antenna 0



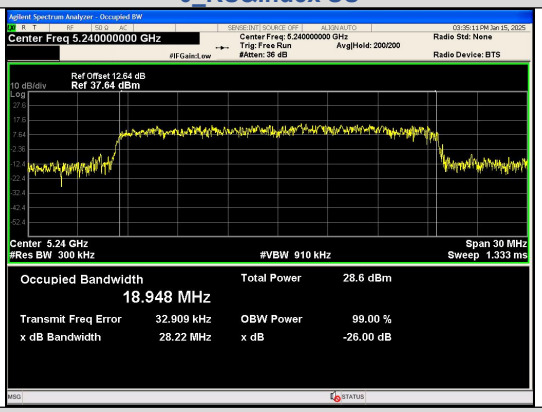
IEEE 802.11ac_Channel 42_80MHz_Antenna 0



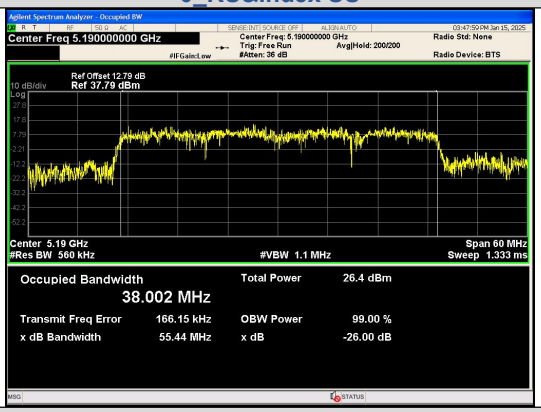
IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



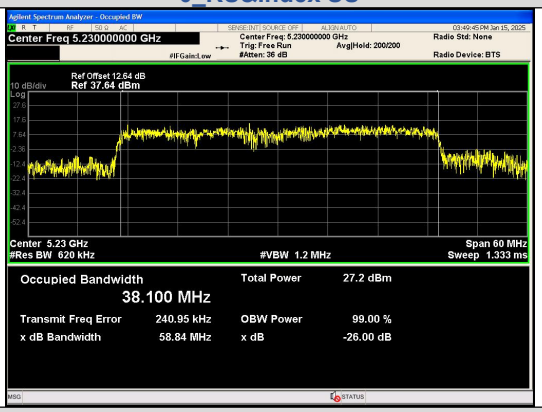
IEEE 802.11ax_Channel 40_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 48_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU

APPENDIX VI. Conducted Out Of Band Emission

Test Result

Mode	Channel	RU & Index	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	36	N/A	0	210.48	-46.193	-27	-19.190	PASS
				5148.96	-37.407	-27	-10	PASS
				5150.00	-38.849	-27	-12	PASS
				5350.00	-36.795	-27	-10	PASS
				5460.00	-36.287	-27	-9	PASS
				24985.8	-39.877	-27	-12.880	PASS
	40			210.61	-46.071	-27	-19.070	PASS
				5149.92	-37.434	-27	-10	PASS
				5150.00	-37.434	-27	-10	PASS
				5350.00	-36.615	-27	-10	PASS
				5458.08	-35.625	-27	-9	PASS
				24959.7	-39.302	-27	-12.300	PASS
	48			210.61	-46.437	-27	-19.440	PASS
				5148.00	-36.405	-27	-9	PASS
				5150.00	-37.956	-27	-11	PASS
				5350.00	-36.396	-27	-9	PASS
				5453.28	-35.892	-27	-9	PASS
				24929.3	-39.376	-27	-12.380	PASS
IEEE 802.11n_20	36			2426.29	-32.047	-27	-5.050	PASS
				5148.96	-36.599	-27	-10	PASS
				5150.00	-37.232	-27	-10	PASS
				5350.00	-37.112	-27	-10	PASS
				5460.00	-37.100	-27	-10	PASS
				24879.6	-40.085	-27	-13.090	PASS
	40			2402.61	-31.340	-27	-4.340	PASS
				5149.92	-36.563	-27	-10	PASS
				5150.00	-36.563	-27	-10	PASS
				5350.00	-36.046	-27	-9	PASS
				5460.00	-35.649	-27	-9	PASS
				24932.7	-39.407	-27	-12.410	PASS
	48			210.48	-45.718	-27	-18.720	PASS
				5148.96	-36.765	-27	-10	PASS
				5150.00	-37.039	-27	-10	PASS
				5350.00	-37.000	-27	-10	PASS
				5460.00	-36.623	-27	-10	PASS
				24809.4	-39.828	-27	-12.830	PASS
IEEE 802.11n_40	38			2402.74	-31.500	-27	-4.500	PASS
				5149.92	-37.996	-27	-11	PASS
				5150.00	-37.996	-27	-11	PASS
				5350.00	-36.432	-27	-9	PASS
				5458.08	-36.305	-27	-9	PASS
				24926.3	-38.782	-27	-11.780	PASS
	46			210.48	-45.892	-27	-18.890	PASS
				5149.92	-38.032	-27	-11	PASS
				5150.00	-38.032	-27	-11	PASS
				5350.00	-36.664	-27	-10	PASS
				5455.20	-36.411	-27	-9	PASS
				24924.3	-39.877	-27	-12.880	PASS
IEEE 802.11ac_20	36			210.48	-45.601	-27	-18.600	PASS
				5148.96	-36.649	-27	-10	PASS
				5150.00	-37.939	-27	-11	PASS
				5350.00	-36.208	-27	-9	PASS
				5458.08	-35.798	-27	-9	PASS
				24899.3	-39.184	-27	-12.180	PASS
	40			2426.67	-32.062	-27	-5.060	PASS
				5149.92	-38.685	-27	-12	PASS
				5150.00	-38.685	-27	-12	PASS
				5350.00	-36.981	-27	-10	PASS
				5459.04	-35.044	-27	-8	PASS
				24848.2	-39.229	-27	-12.230	PASS
	48			210.48	-45.946	-27	-18.950	PASS

				5143.20	-35.932	-27	-9	PASS
				5150.00	-36.575	-27	-10	PASS
				5350.00	-37.452	-27	-10	PASS
				5460.00	-36.818	-27	-10	PASS
				24918.5	-40.434	-27	-13.430	PASS
IEEE 802.11ac_40	38			2402.74	-31.610	-27	-4.610	PASS
				5147.04	-36.064	-27	-9	PASS
				5150.00	-36.778	-27	-10	PASS
				5350.00	-36.248	-27	-9	PASS
				5460.00	-33.970	-27	-7	PASS
				24878.2	-39.869	-27	-12.870	PASS
	46			210.61	-45.851	-27	-18.850	PASS
				5145.12	-36.914	-27	-10	PASS
				5150.00	-37.151	-27	-10	PASS
				5350.00	-36.957	-27	-10	PASS
				5460.00	-35.901	-27	-9	PASS
				24943.0	-39.808	-27	-12.810	PASS
IEEE 802.11ac_80	42			210.48	-46.320	-27	-19.320	PASS
				5148.96	-38.194	-27	-11	PASS
				5150.00	-38.652	-27	-12	PASS
				5350.00	-36.651	-27	-10	PASS
				5460.00	-35.804	-27	-9	PASS
				24130.0	-40.312	-27	-13.310	PASS
IEEE 802.11ax_20	36	SU		210.48	-45.532	-27	-18.530	PASS
				5149.92	-38.423	-27	-11	PASS
				5150.00	-38.423	-27	-11	PASS
				5350.00	-35.907	-27	-9	PASS
				5455.20	-35.801	-27	-9	PASS
				24967.6	-39.416	-27	-12.420	PASS
	40			2402.74	-31.794	-27	-4.790	PASS
				5148.96	-36.496	-27	-9	PASS
				5150.00	-36.599	-27	-10	PASS
				5350.00	-36.294	-27	-9	PASS
				5460.00	-36.287	-27	-9	PASS
				24916.0	-38.838	-27	-11.840	PASS
	48			210.61	-45.833	-27	-18.830	PASS
				5146.08	-37.126	-27	-10	PASS
				5150.00	-37.147	-27	-10	PASS
				5350.00	-35.850	-27	-9	PASS
				5449.44	-34.370	-27	-7	PASS
				24928.3	-39.384	-27	-12.380	PASS
IEEE 802.11ax_40	38			5147.04	-37.263	-27	-10	PASS
				5148.08	-45.285	-27	-18.280	PASS
				5150.00	-37.304	-27	-10	PASS
				5350.00	-35.755	-27	-9	PASS
				5457.12	-35.685	-27	-9	PASS
				24976.9	-38.725	-27	-11.730	PASS
	46			210.61	-46.053	-27	-19.050	PASS
				5149.92	-37.392	-27	-10	PASS
				5150.00	-37.392	-27	-10	PASS
				5350.00	-35.017	-27	-8	PASS
				5436.96	-34.950	-27	-8	PASS
				24935.6	-39.805	-27	-12.800	PASS

Test Graphs