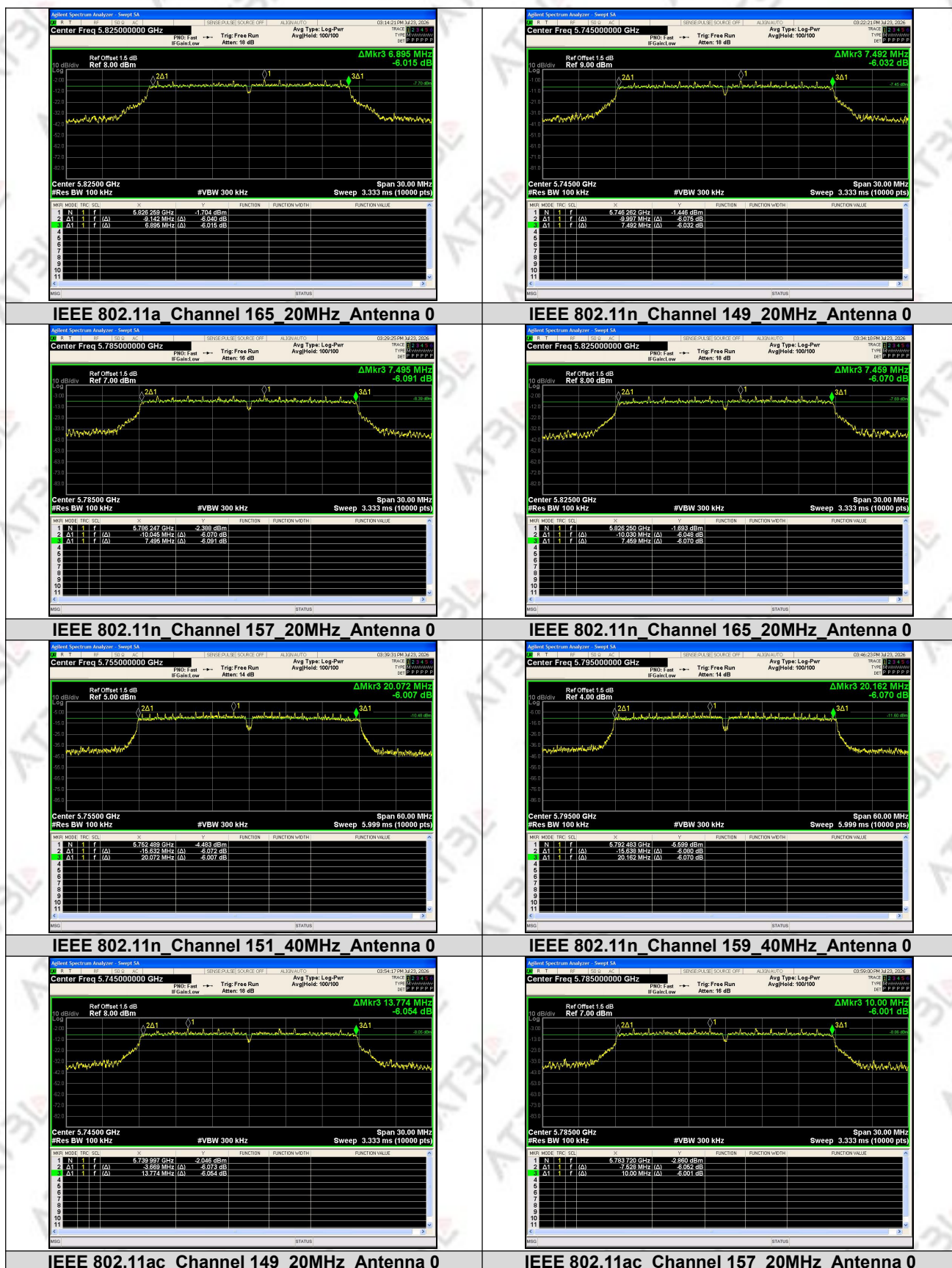
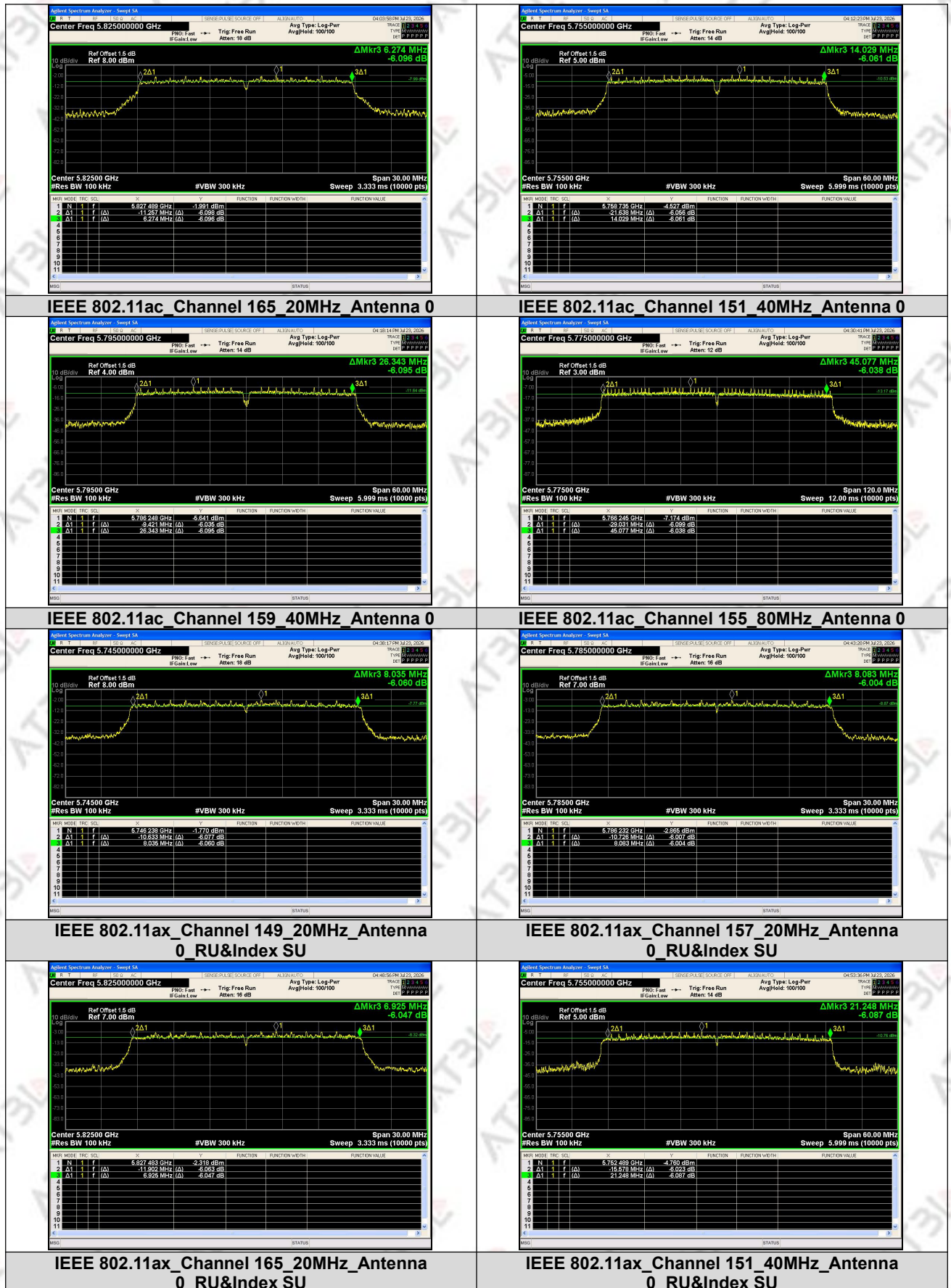
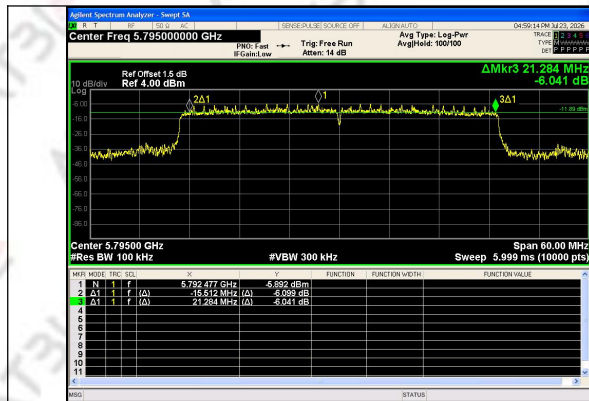
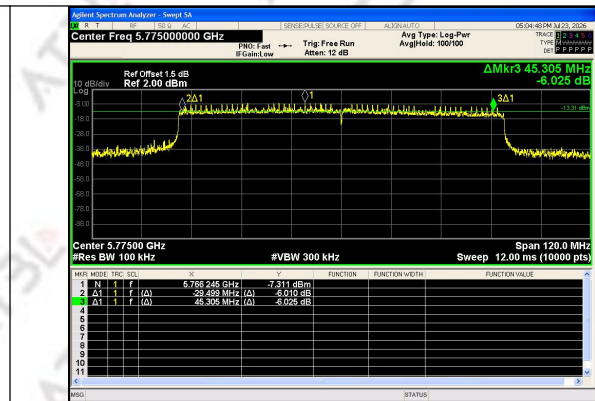








IEEE 802.11ax_Channel 159_40MHz_Antenna
0_RU&Index SU



IEEE 802.11ax_Channel 155_80MHz_Antenna
0_RU&Index SU

A3.Maximum Conducted Average Output Power

Test Result

For 5150~5250MHz test data:

Mode	Channel	Conducted output Avg Power (dBm)	Limit (dBm)	Result
IEEE 802.11a	36	10.34	≤ 23.97	PASS
	40	10.29	≤ 23.97	PASS
	48	11.06	≤ 23.97	PASS
IEEE 802.11n_20	36	10.44	≤ 23.97	PASS
	40	10.3	≤ 23.97	PASS
	48	11.02	≤ 23.97	PASS
IEEE 802.11n_40	38	8.4	≤ 23.97	PASS
	46	8.97	≤ 23.97	PASS
IEEE 802.11ac_20	36	10.28	≤ 23.97	PASS
	40	10.36	≤ 23.97	PASS
	48	11.11	≤ 23.97	PASS
IEEE 802.11ac_40	38	8.48	≤ 23.97	PASS
	46	9.04	≤ 23.97	PASS
IEEE 802.11ac_80	42	7.1	≤ 23.97	PASS
IEEE 802.11ax_20	36	10.4	≤ 23.97	PASS
	40	10.48	≤ 23.97	PASS
	48	11.01	≤ 23.97	PASS
IEEE 802.11ax_40	38	7.23	≤ 23.97	PASS
	46	7.81	≤ 23.97	PASS
IEEE 802.11ax_80	42	7.09	≤ 23.97	PASS

Note: Corrected Value = Antenna Power + Duty Cycle Factor.

For the 5.725-5.85 GHz bands test data:

Mode	Channel	Conducted output Avg Power (dBm)	Limit (dBm)	Result
IEEE 802.11a	149	9.24	30	PASS
	157	8.34	30	PASS
	165	8.82	30	PASS
IEEE 802.11n_20	149	9.16	30	PASS
	157	8.26	30	PASS
	165	8.77	30	PASS
IEEE 802.11n_40	151	8.95	30	PASS
	159	8.1	30	PASS
IEEE 802.11ac_20	149	9.22	30	PASS
	157	8.35	30	PASS
	165	8.79	30	PASS
IEEE 802.11ac_40	151	8.98	30	PASS
	159	8.01	30	PASS
IEEE 802.11ac_80	155	9.01	30	PASS
IEEE 802.11ax_20	149	9.27	30	PASS
	157	8.29	30	PASS
	165	8.86	30	PASS
IEEE 802.11ax_40	151	8.91	30	PASS
	159	8.0	30	PASS
IEEE 802.11ax_80	155	9.06	30	PASS

Note: Corrected Value = Antenna Power + Duty Cycle Factor.

A4.Power Spectral Density

Test Result

For 5150~5250MHz test data:

Mode	Channel	Ant. 0 Meas PSD (dBm/MHz)	Duty Cycle Factor (dB)	Ant. 0 Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)	Result
IEEE 802.11a	36	-0.846	0.1283	-0.718	11	PASS
	40	-0.684	0.1283	-0.556		PASS
	48	-0.110	0.1283	0.018		PASS
IEEE 802.11n_20	36	-1.196	0.1395	-1.056		PASS
	40	-1.119	0.1372	-0.982		PASS
	48	-0.424	0.1368	-0.287		PASS
IEEE 802.11n_40	38	-5.869	0.2784	-5.591		PASS
	46	-4.914	0.2812	-4.633		PASS
IEEE 802.11ac_20	36	-0.729	0.1363	-0.593		PASS
	40	-0.995	0.1981	-0.797		PASS
	48	-0.240	0.1363	-0.104		PASS
IEEE 802.11ac_40	38	-5.802	0.2794	-5.523		PASS
	46	-5.055	0.2766	-4.778		PASS
IEEE 802.11ac_80	42	-10.054	0.5493	-9.505		PASS
IEEE 802.11ax_20	36	-1.147	0.1782	-0.969		PASS
	40	-1.372	0.1782	-1.194		PASS
	48	-0.496	0.175	-0.321		PASS
IEEE 802.11ax_40	38	-7.238	0.3362	-6.902		PASS
	46	-6.374	0.3391	-6.035		PASS
IEEE 802.11ax_80	42	-10.586	0.6178	-9.968		PASS

For the 5.725-5.850 GHz bands test data:

Mode	Channel	Ant.0 Meas PSD (dBm/500kHz)	Duty Cycle Factor	Ant.0 Corr'd PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
IEEE 802.11a	149	-4.484	0.1309	-4.353	30	PASS
	157	-5.401	0.1251	-5.276		PASS
	165	-5.210	0.1309	-5.079		PASS
IEEE 802.11n_20	149	-4.697	0.1368	-4.56		PASS
	157	-6.015	0.1368	-5.878		PASS
	165	-5.488	0.1372	-5.351		PASS
IEEE 802.11n_40	151	-7.898	0.2784	-7.62		PASS
	159	-8.811	0.3934	-8.418		PASS
IEEE 802.11ac_20	149	-4.692	0.139	-4.553		PASS
	157	-5.910	0.1327	-5.777		PASS
	165	-5.378	0.1363	-5.242		PASS
IEEE 802.11ac_40	151	-7.739	0.2766	-7.462		PASS
	159	-8.865	0.2766	-8.588		PASS
IEEE 802.11ac_80	155	-11.173	0.5463	-10.627		PASS
IEEE 802.11ax_20	149	-4.953	0.2507	-4.702		PASS
	157	-6.243	0.1782	-6.065		PASS
	165	-5.629	0.2507	-5.378		PASS
IEEE 802.11ax_40	151	-8.064	0.3391	-7.725		PASS
	159	-9.194	0.3391	-8.855		PASS
IEEE 802.11ax_80	155	-11.044	0.6178	-10.426		PASS

Note:

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

Duty cycle factor=10*log (1/duty cycle)

Test Graphs

