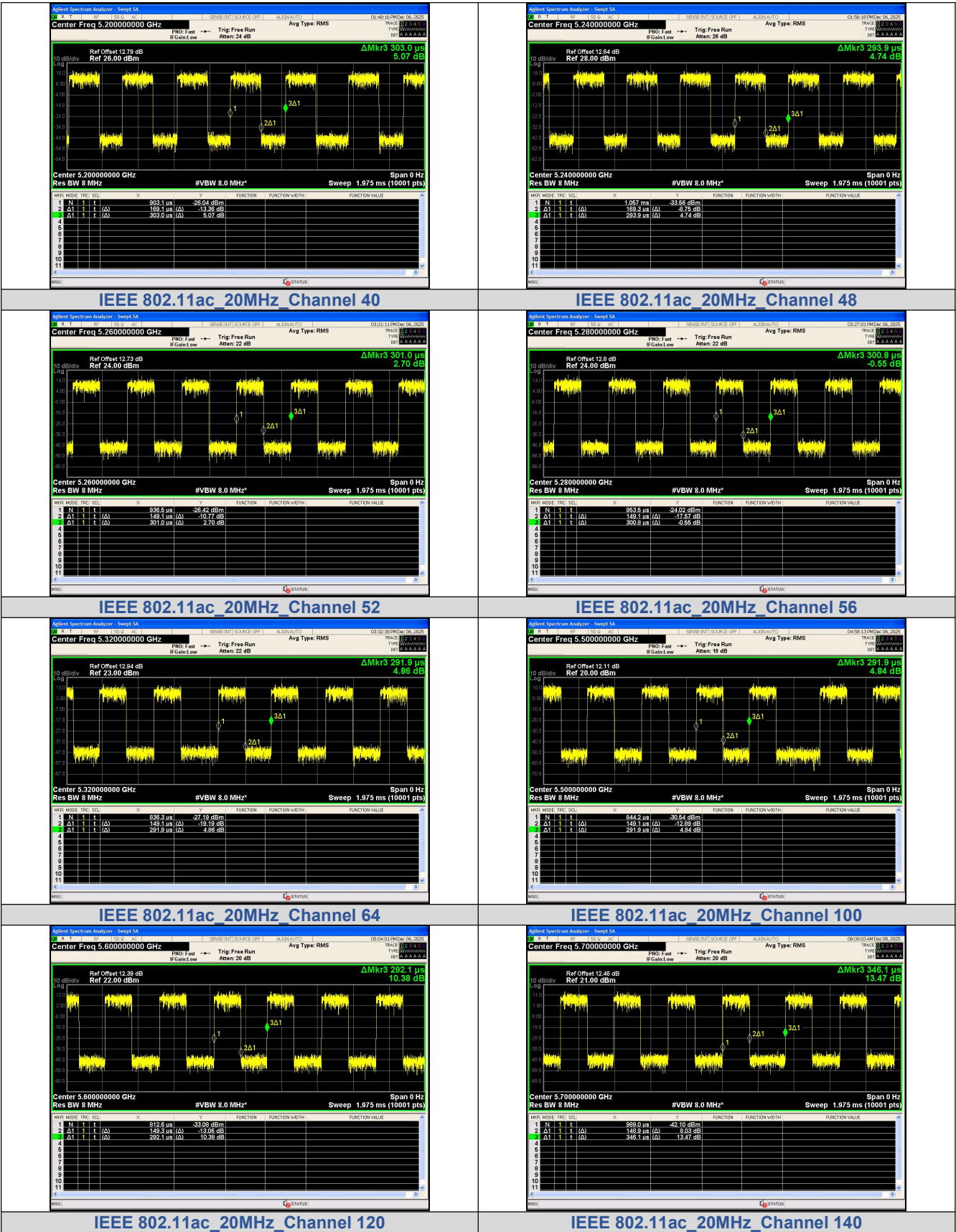
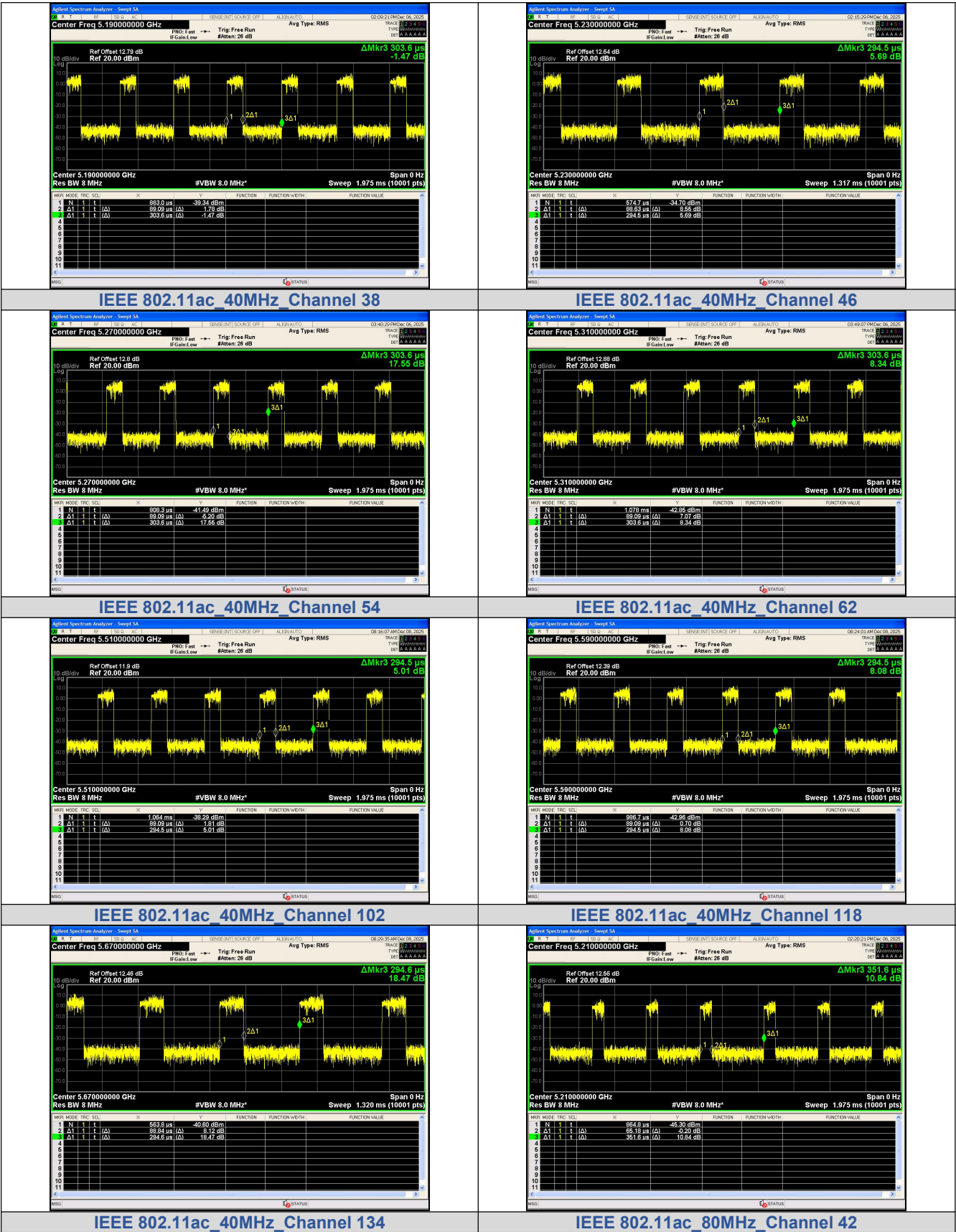
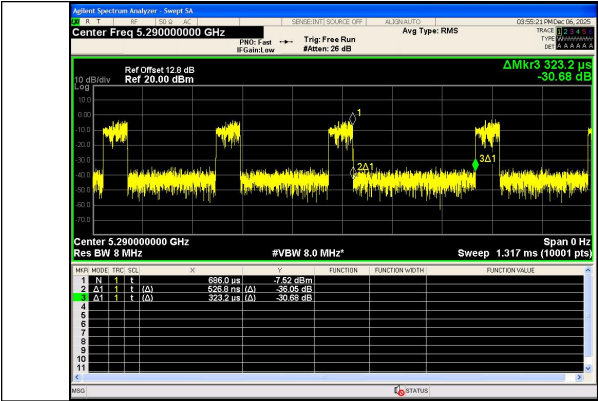
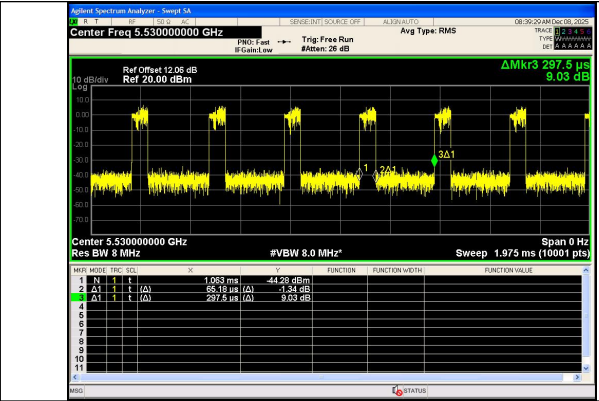








IEEE 802.11ac 80MHz Channel 58

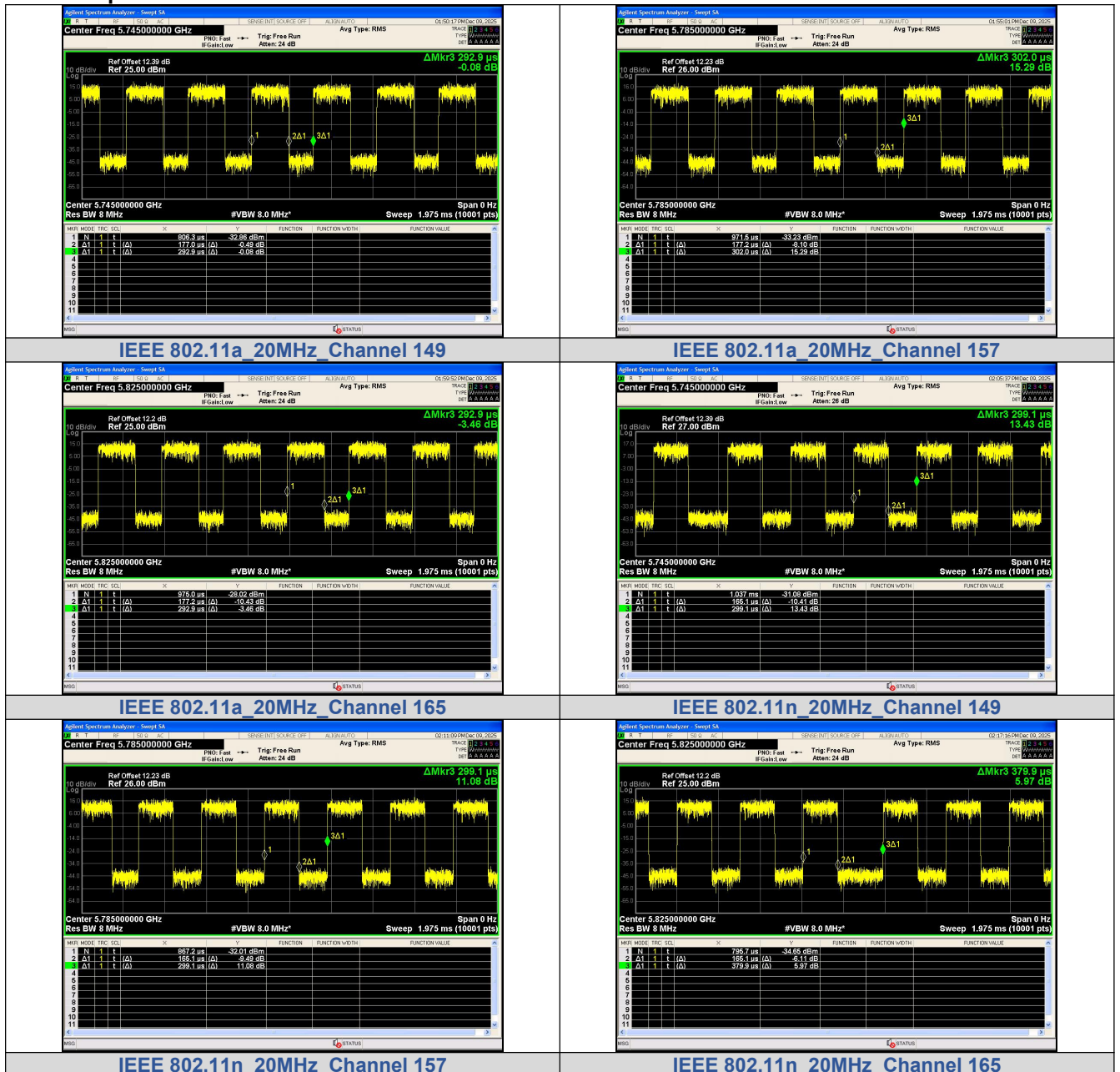


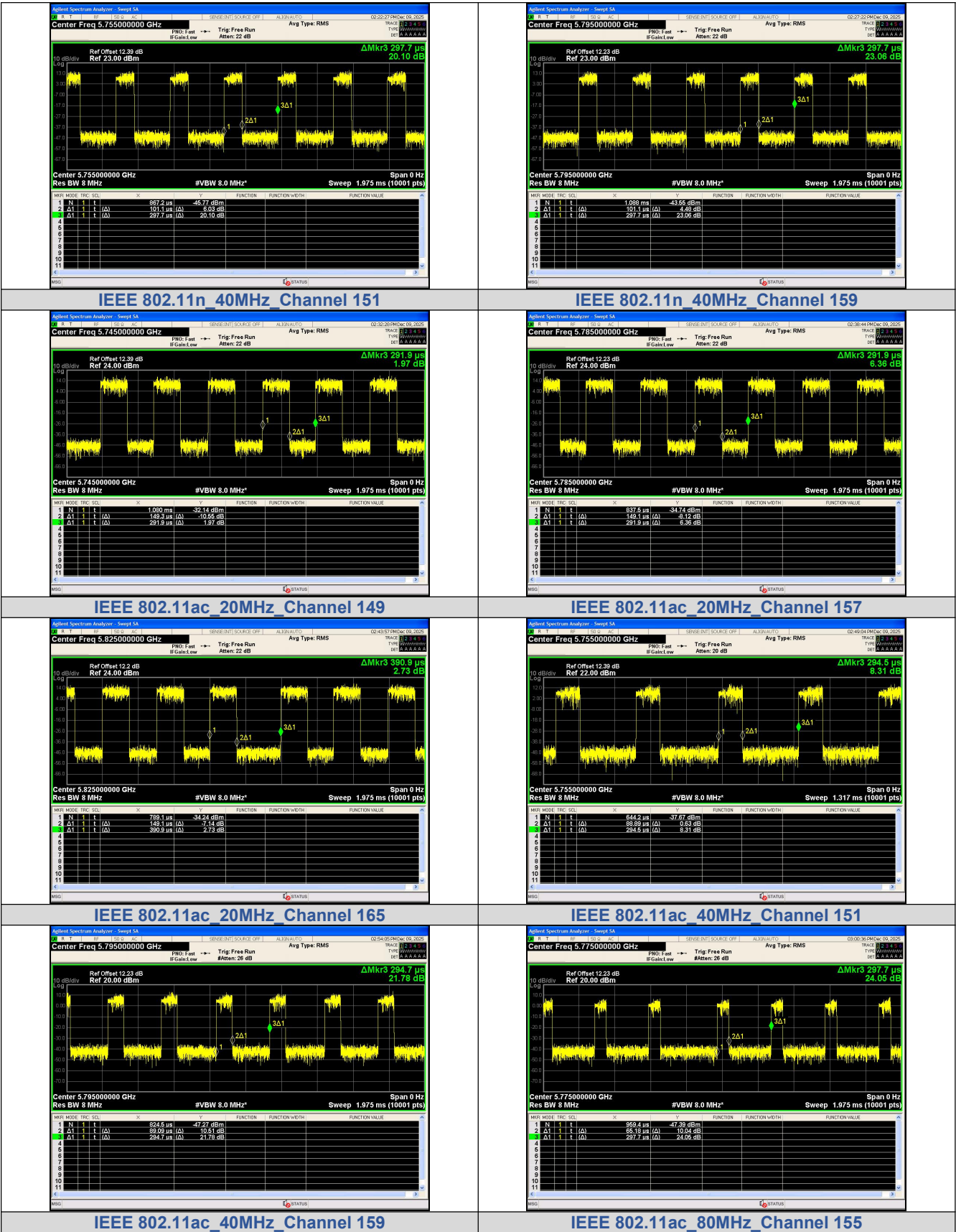
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Test Result

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11a	54	149	1	0.177	0.293	60.42	0.6042	2.1882	5.6497
		157		0.177	0.302	58.67	0.5867	2.3158	5.6497
		165		0.177	0.293	60.49	0.6049	2.1832	5.6497
IEEE 802.11n_20	MCS 7	149		0.165	0.299	55.22	0.5522	2.579	6.0606
		157		0.165	0.299	55.22	0.5522	2.579	6.0606
		165		0.165	0.380	43.47	0.4347	3.6181	6.0606
IEEE 802.11n_40		151		0.101	0.298	33.97	0.3397	4.689	9.9010
		159		0.101	0.298	33.97	0.3397	4.689	9.9010
		149		0.149	0.292	51.15	0.5115	2.9115	6.7114
IEEE 802.11ac_20		157		0.149	0.292	51.08	0.5108	2.9175	6.7114
		165		0.149	0.391	38.15	0.3815	4.1851	6.7114
		151		0.089	0.294	30.19	0.3019	5.2014	11.2360
IEEE 802.11ac_40	MCS 9	159		0.089	0.295	30.23	0.3023	5.1956	11.2360
		155		0.065	0.298	21.90	0.2190	6.5956	15.3846

Test Graphs





APPENDIX VIII. Peak Power Spectral Density

Test Result

Mode	Channel	Ant. 0 Meas PSD (dBm/MHz)	Limit (dBm/MHz)	Result
IEEE 802.11a	36	3.904	11	PASS
	40	3.519		PASS
	48	3.914		PASS
	52	3.814		PASS
	56	5.404		PASS
	64	2.967		PASS
	100	0.251		PASS
	120	3.206		PASS
	140	2.567		PASS
IEEE 802.11n_20	36	2.912		PASS
	40	2.955		PASS
	48	3.053		PASS
	52	3.049		PASS
	56	2.784		PASS
	64	2.372		PASS
	100	-0.101		PASS
	120	1.890		PASS
IEEE 802.11n_40	140	2.381		PASS
	38	-4.768		PASS
	46	-1.475		PASS
	54	0.646		PASS
	62	-4.460		PASS
	102	-5.300		PASS
IEEE 802.11ac_20	118	-2.231		PASS
	134	-4.460		PASS
	36	2.491		PASS
	40	2.078		PASS
	48	4.407		PASS
	52	-0.718		PASS
	56	0.806		PASS
	64	-1.200		PASS
IEEE 802.11ac_40	100	-3.440		PASS
	120	-1.974		PASS
	140	-2.847		PASS
	38	-8.354		PASS
	46	-7.879		PASS
	54	-6.964		PASS
	62	-5.430		PASS
	102	-7.525		PASS
IEEE 802.11ac_80	118	-6.698		PASS
	134	-7.361		PASS
	42	-12.061		PASS
	58	-20.896		PASS
	106	-11.647		PASS

Test Graphs

