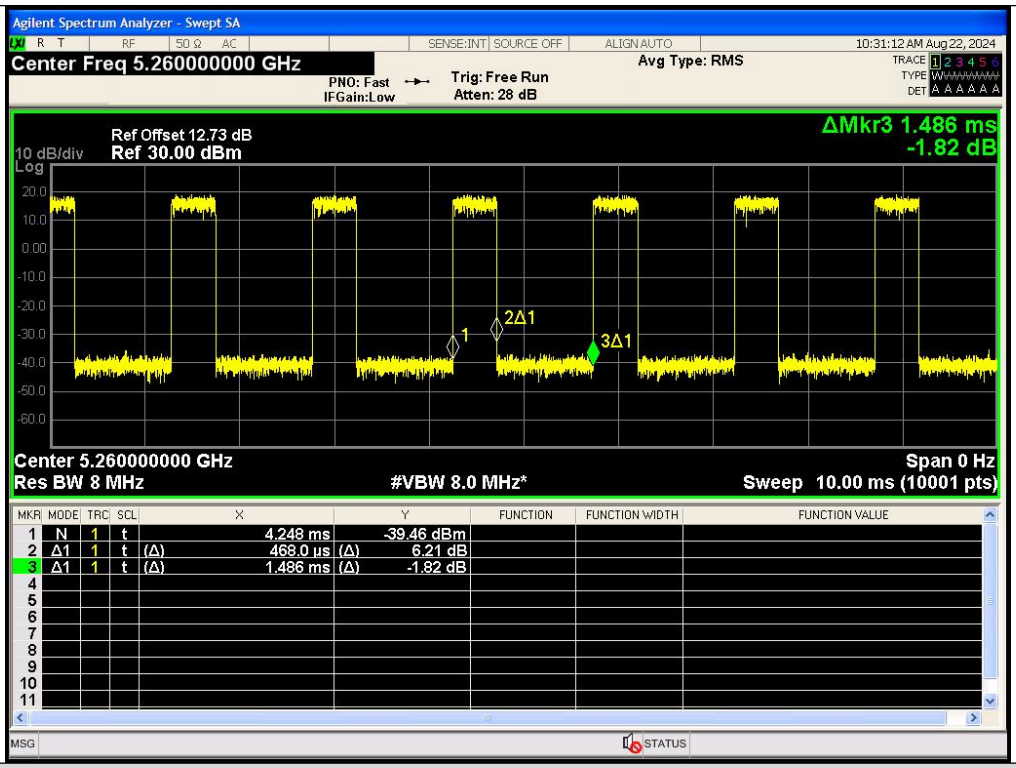
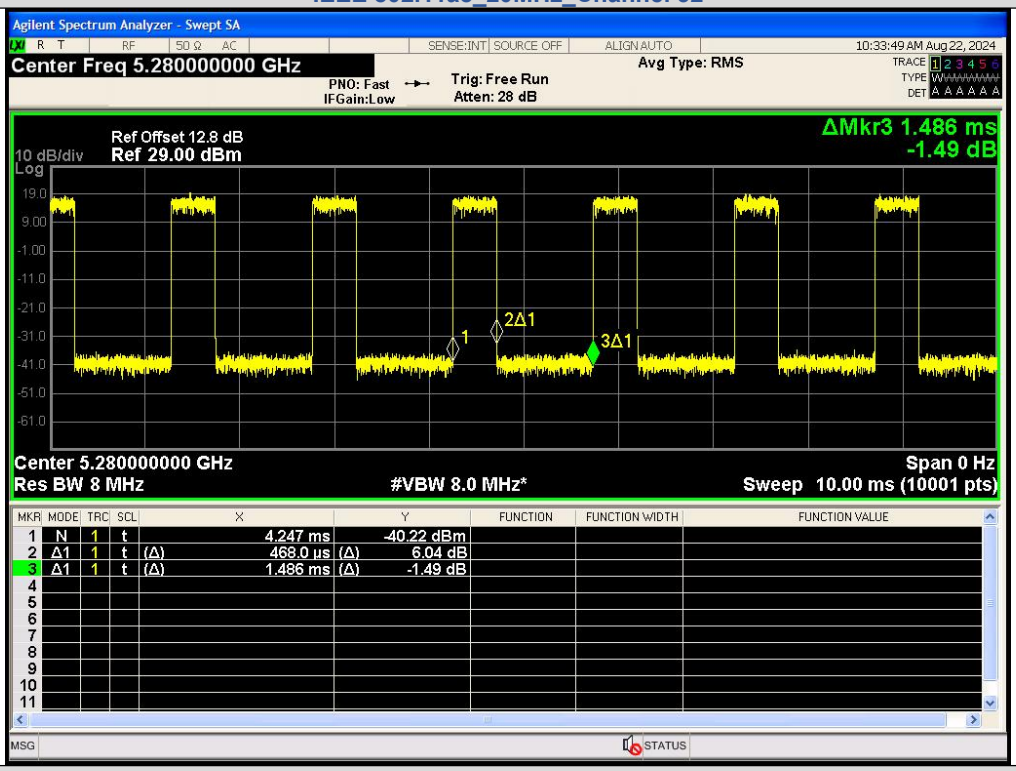
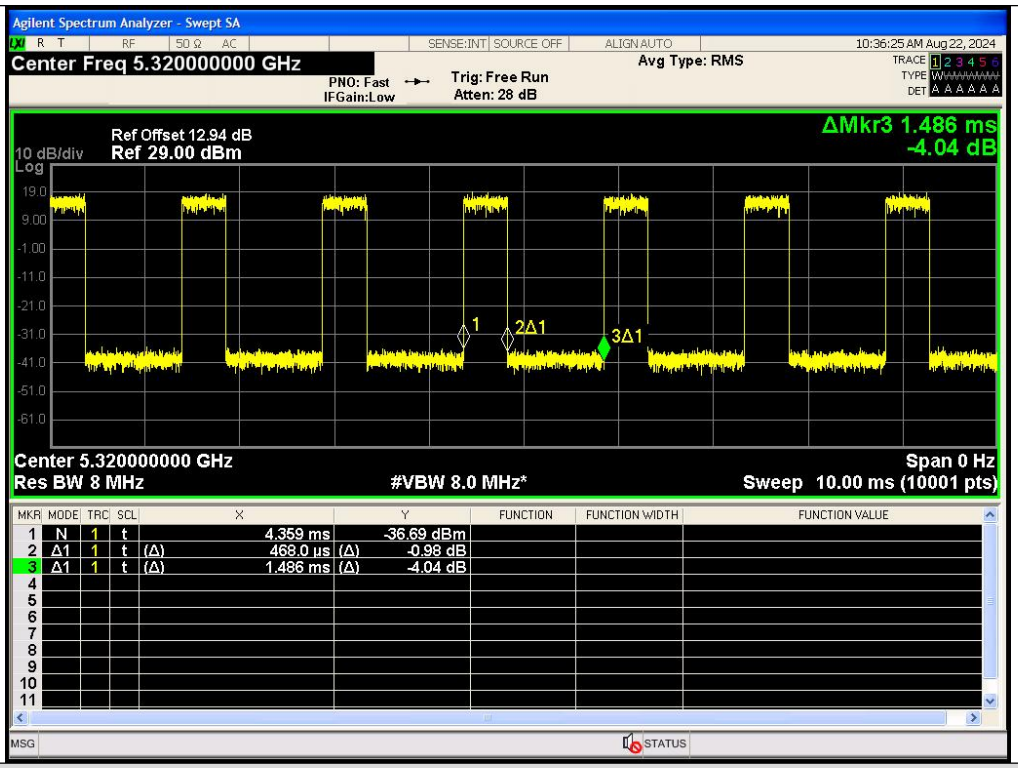


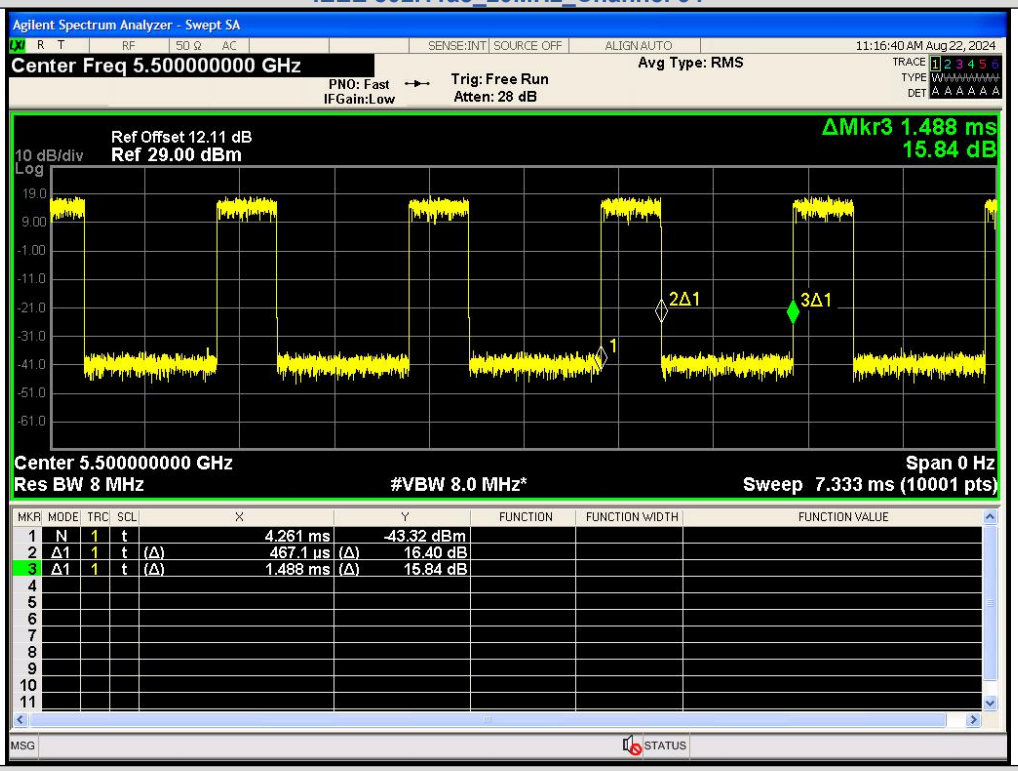
IEEE 802.11ac_20MHz_Channel 52



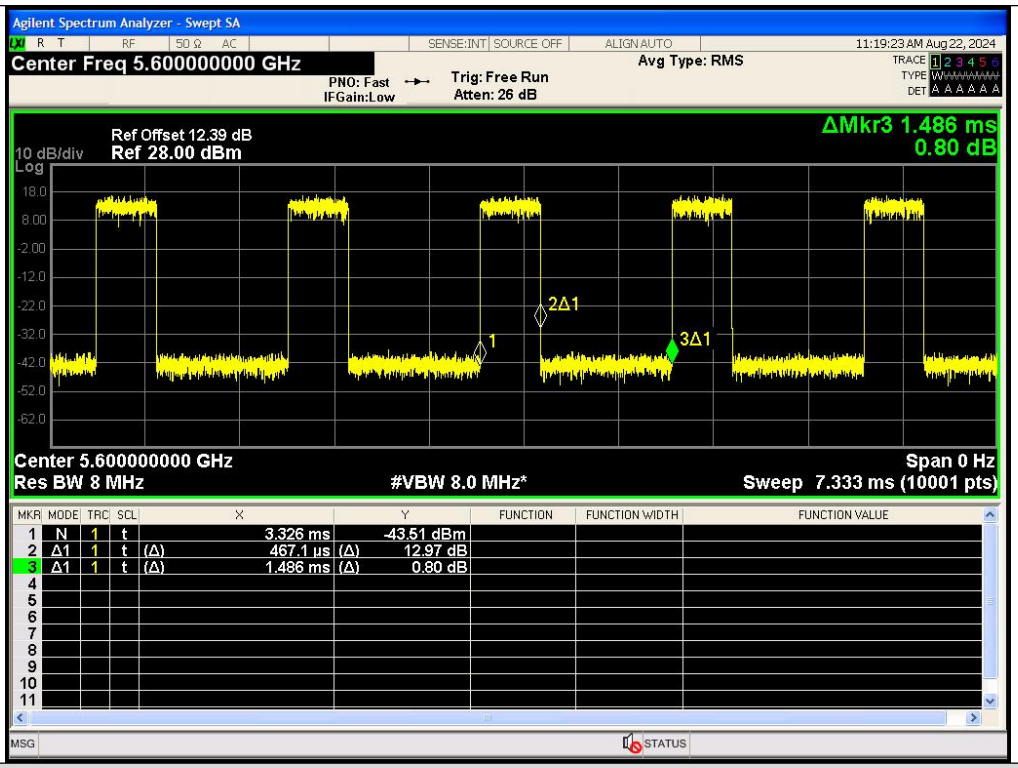
IEEE 802.11ac_20MHz_Channel 56



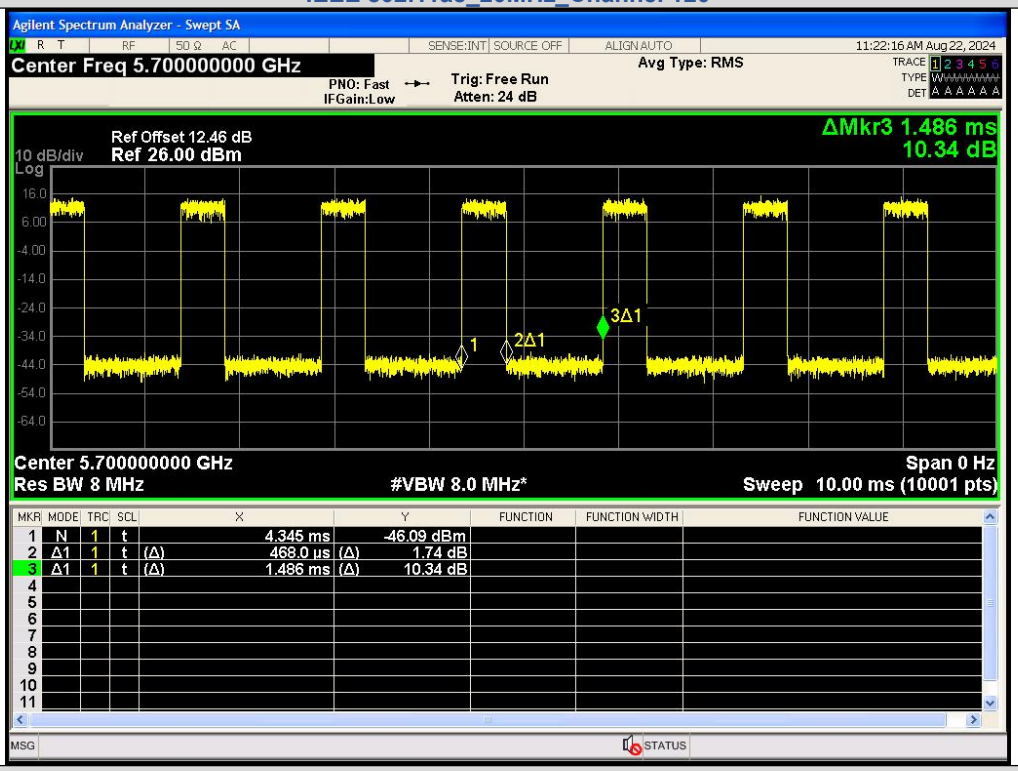
IEEE 802.11ac_20MHz_Channel 64



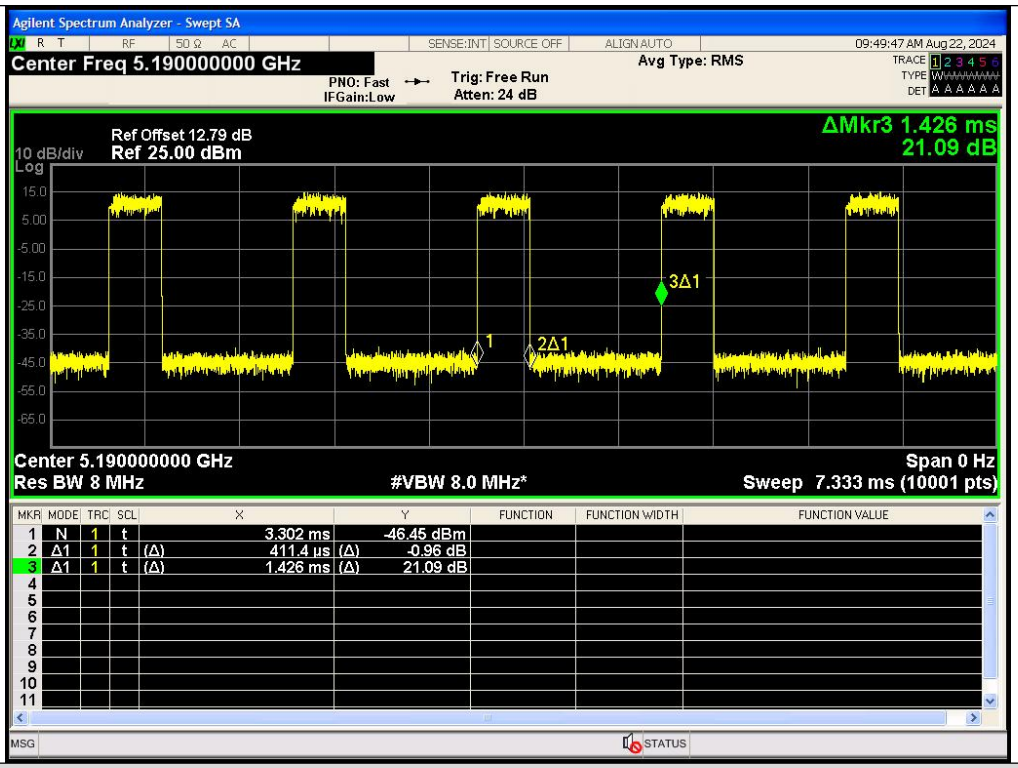
IEEE 802.11ac_20MHz_Channel 100



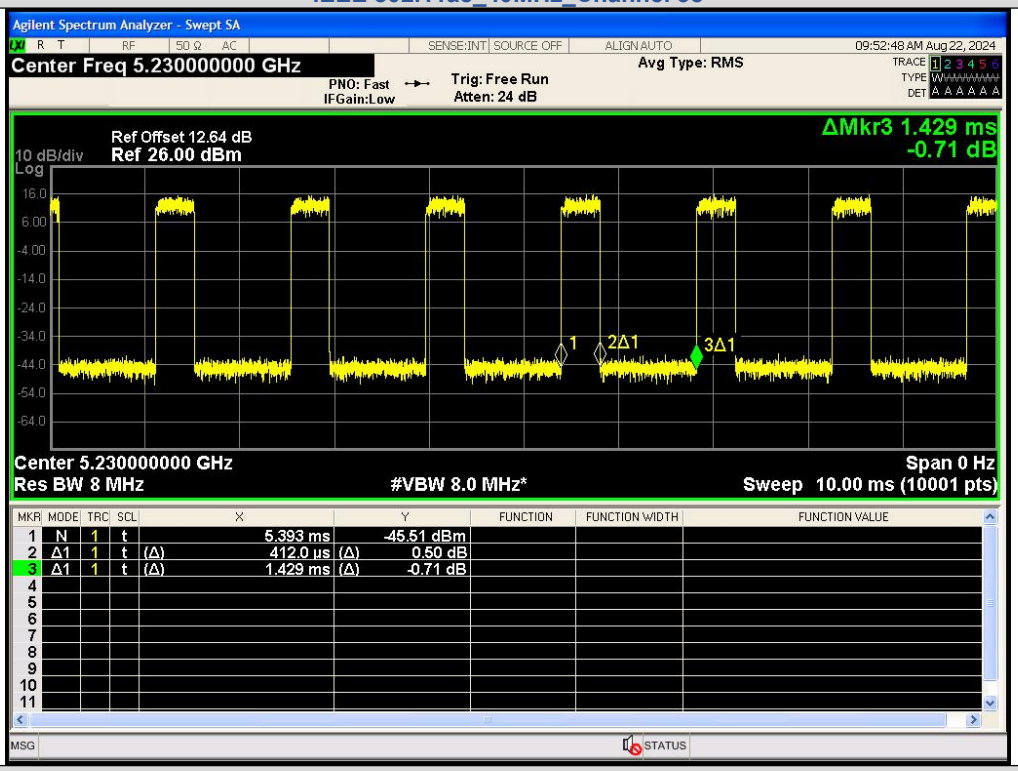
IEEE 802.11ac_20MHz_Channel 120



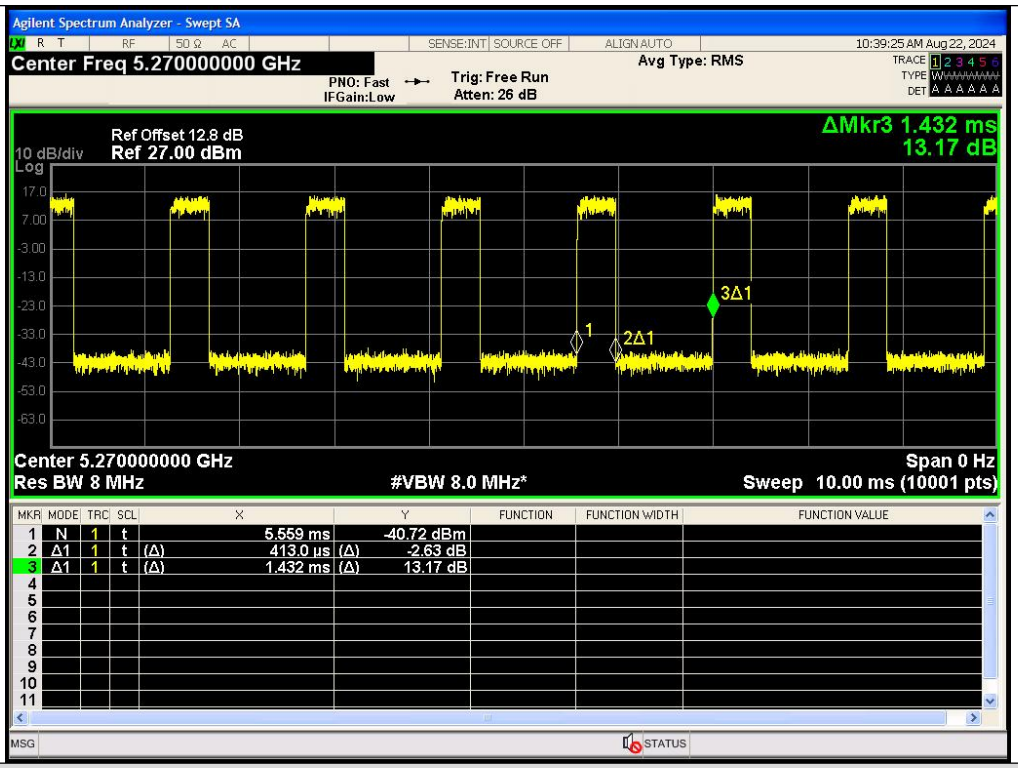
IEEE 802.11ac_20MHz_Channel 140



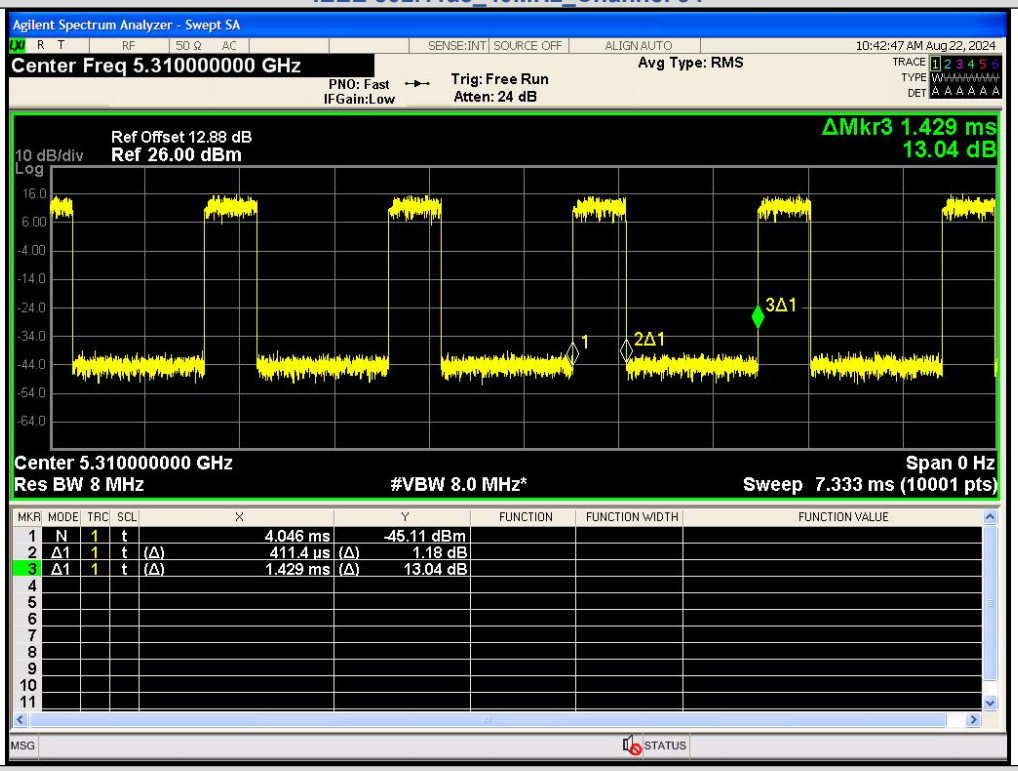
IEEE 802.11ac_40MHz_Channel 38



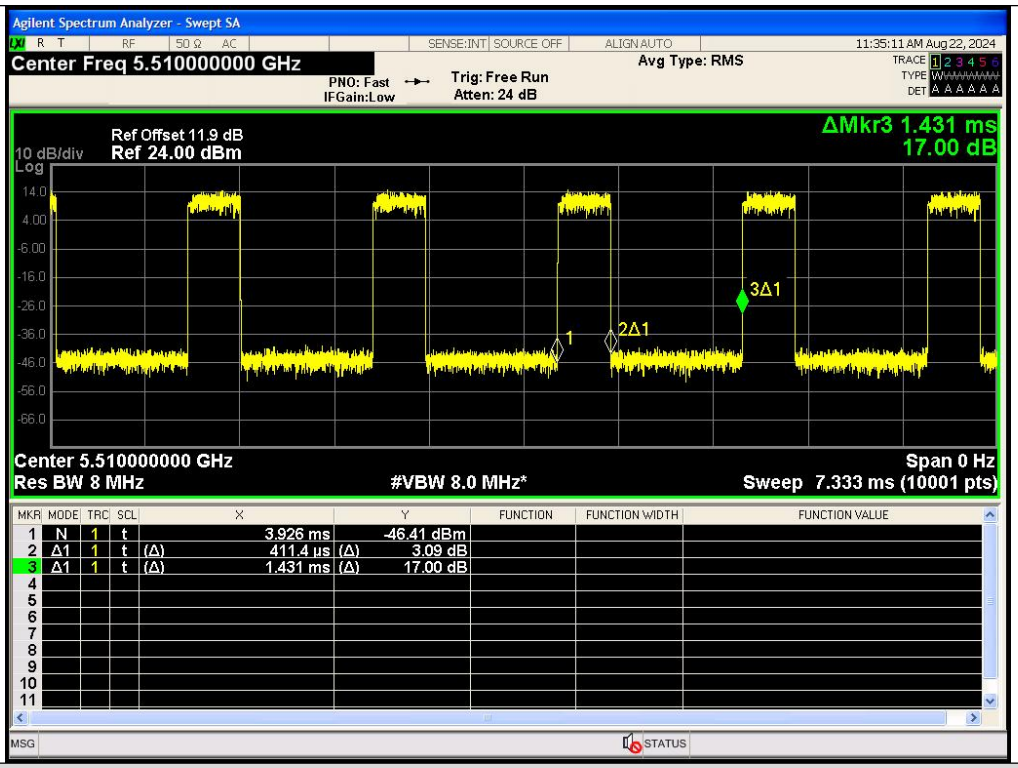
IEEE 802.11ac_40MHz_Channel 46



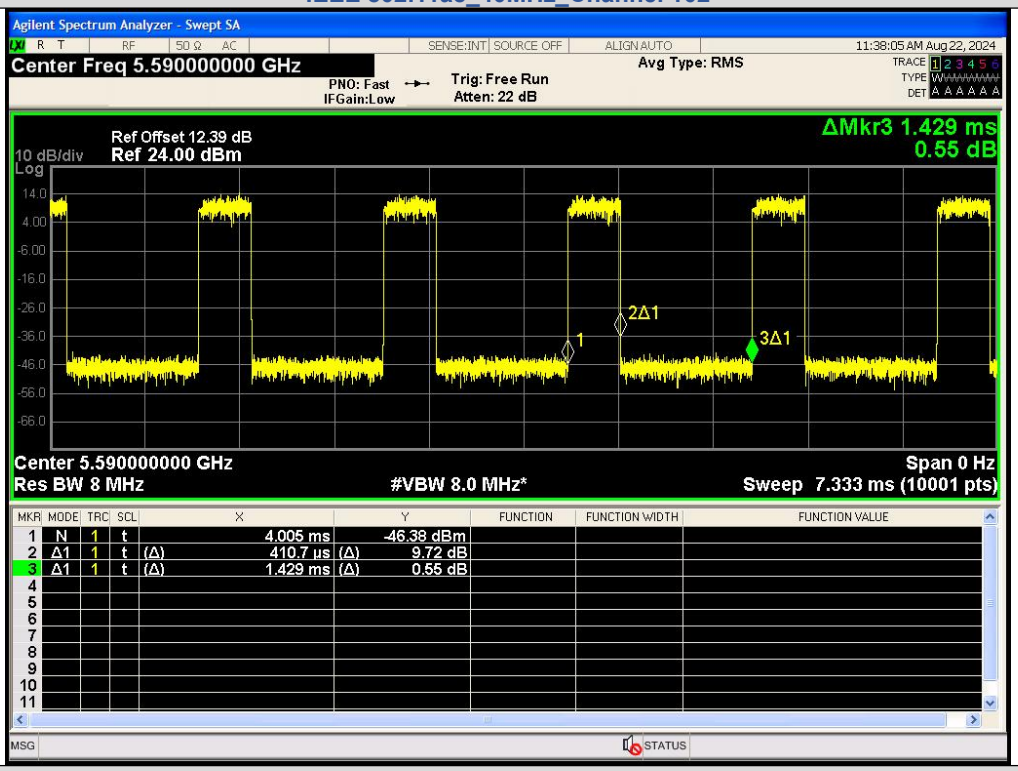
IEEE 802.11ac_40MHz_Channel 54



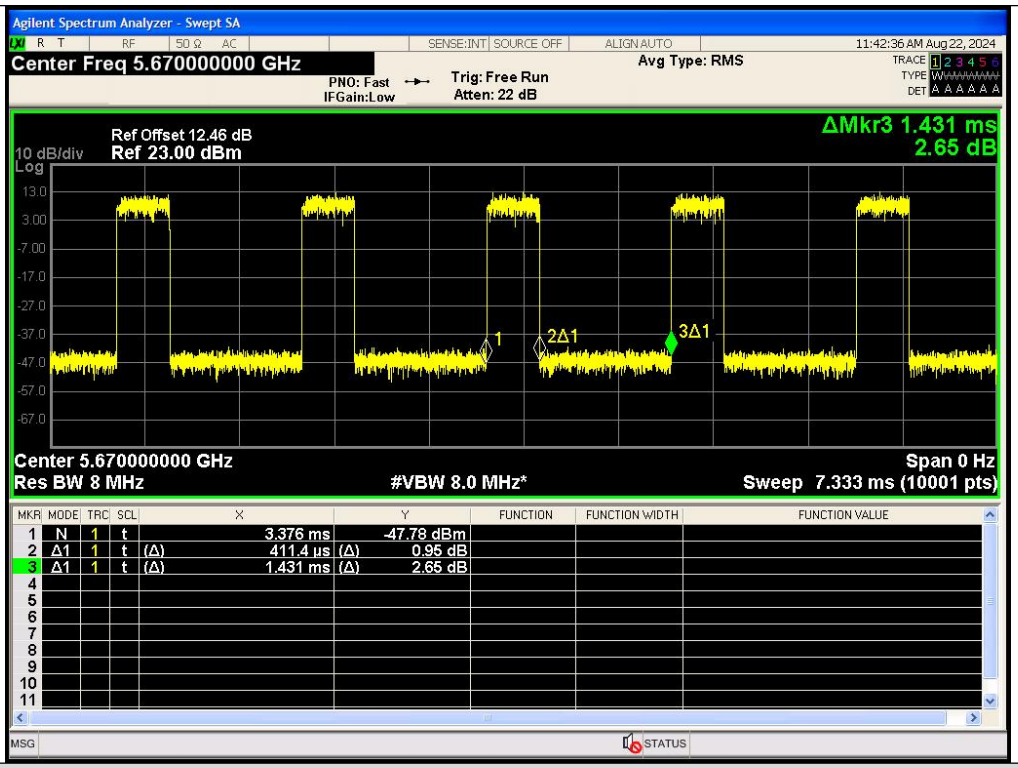
IEEE 802.11ac_40MHz_Channel 62



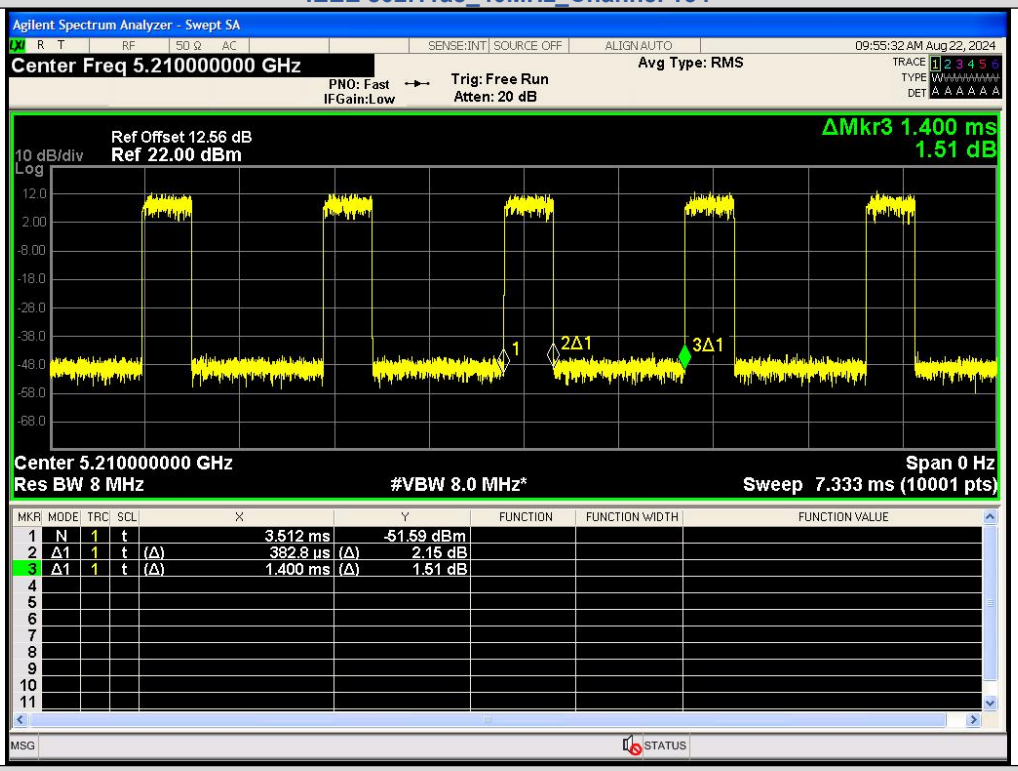
IEEE 802.11ac_40MHz_Channel 102



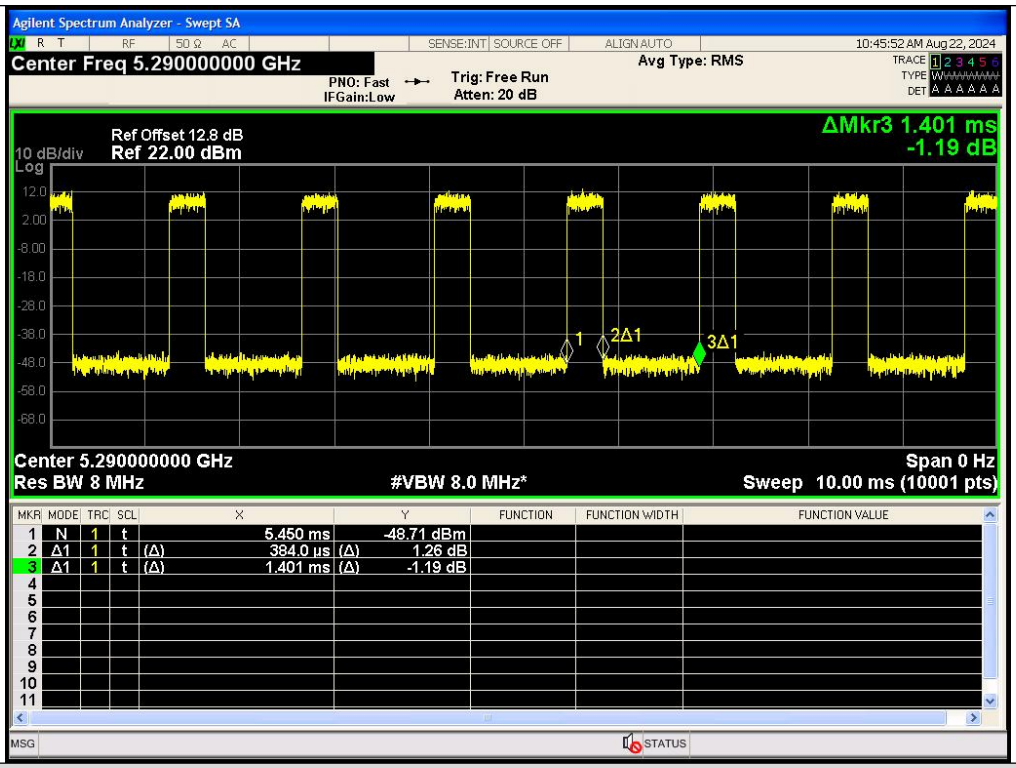
IEEE 802.11ac_40MHz_Channel 118



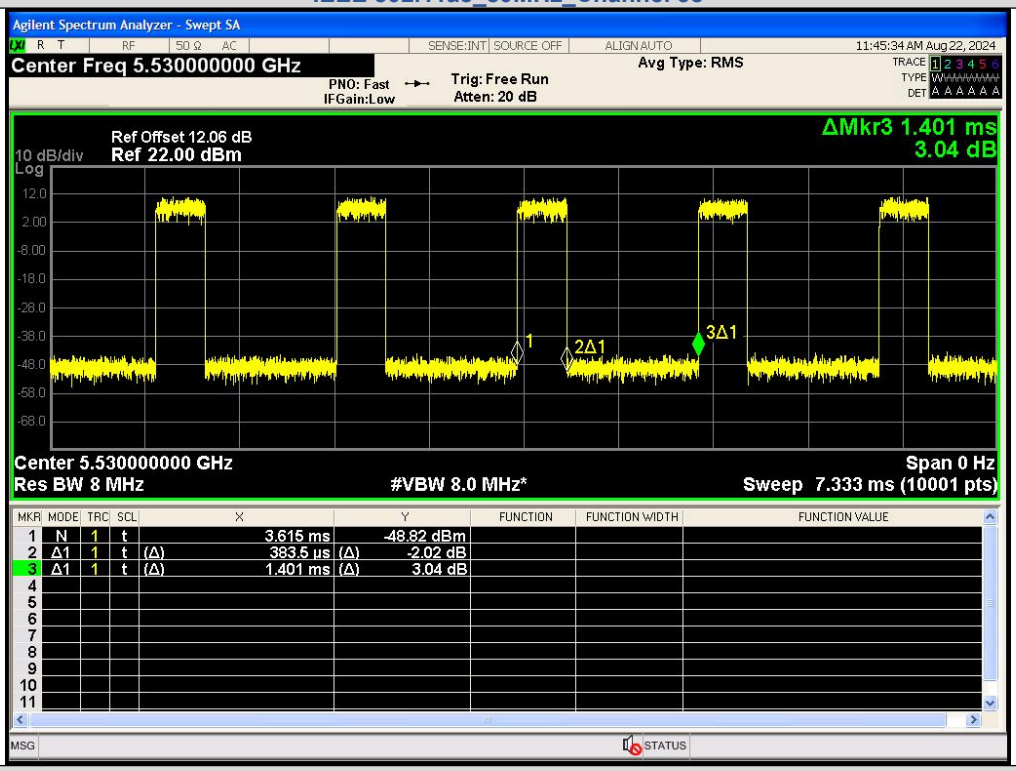
IEEE 802.11ac_40MHz_Channel 134



IEEE 802.11ac_80MHz_Channel 42



IEEE 802.11ac_80MHz_Channel 58

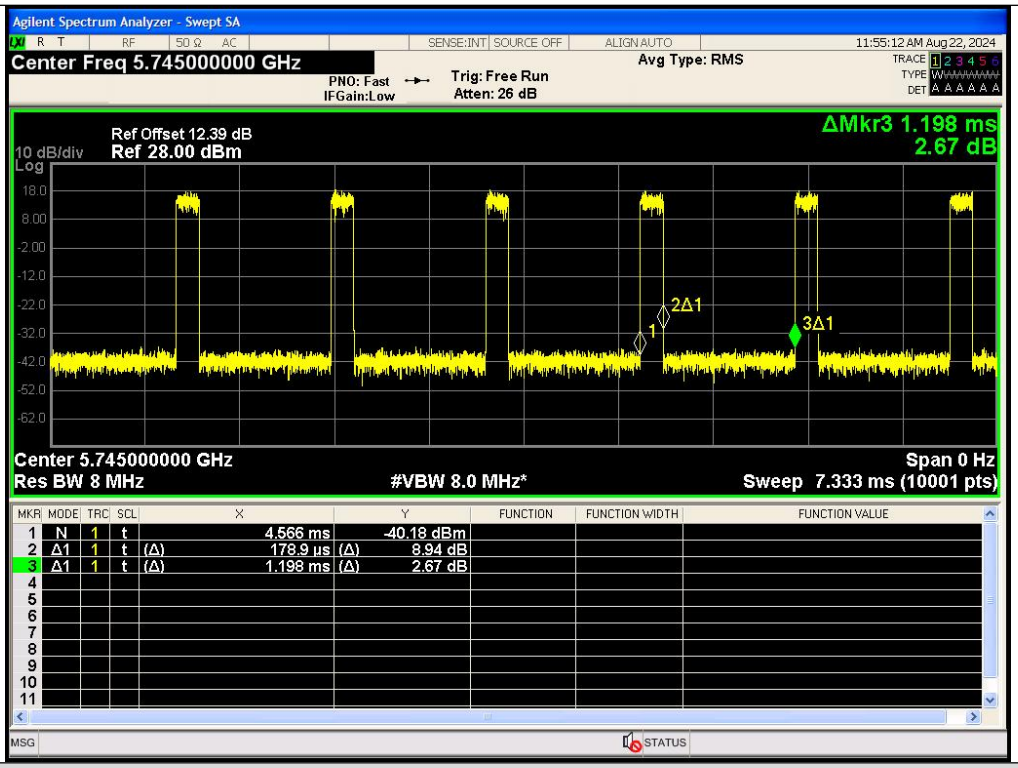


IEEE 802.11ac_80MHz_Channel 106

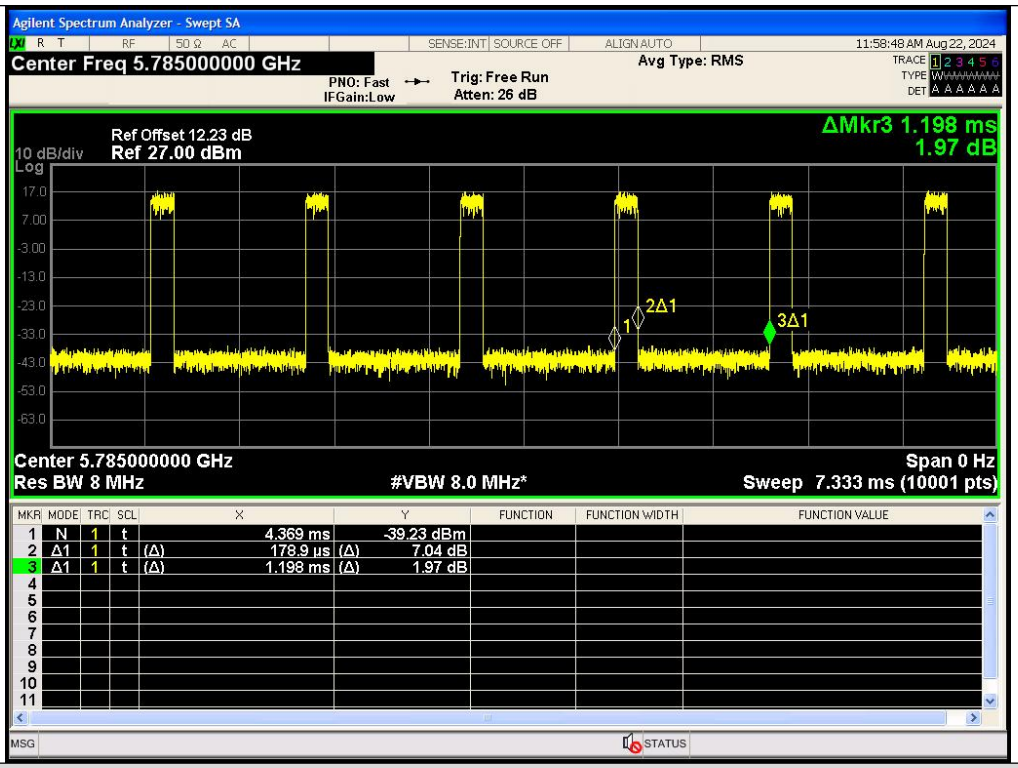
Test Result

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11a	54	149	1	0.179	1.198	14.94	0.1494	8.2565
		157		0.179	1.198	14.94	0.1494	8.2565
		165		0.179	1.200	14.91	0.1491	8.2652
IEEE 802.11n_20	MCS 7	149		0.549	1.568	35.01	0.3501	4.5581
		157		0.548	1.566	34.99	0.3499	4.5606
		165		0.548	1.566	34.99	0.3499	4.5606
IEEE 802.11n_40		151		0.528	1.545	34.17	0.3417	4.6636
		159		0.528	1.547	34.13	0.3413	4.6686
IEEE 802.11ac_20	MCS 9	149		0.467	1.486	31.44	0.3144	5.0252
		157		0.466	1.488	31.35	0.3135	5.0376
		165		0.468	1.486	31.49	0.3149	5.0183
IEEE 802.11ac_40		151		0.411	1.429	28.78	0.2878	5.4091
		159		0.411	1.431	28.74	0.2874	5.4151
IEEE 802.11ac_80		155		0.383	1.401	27.33	0.2733	5.6336

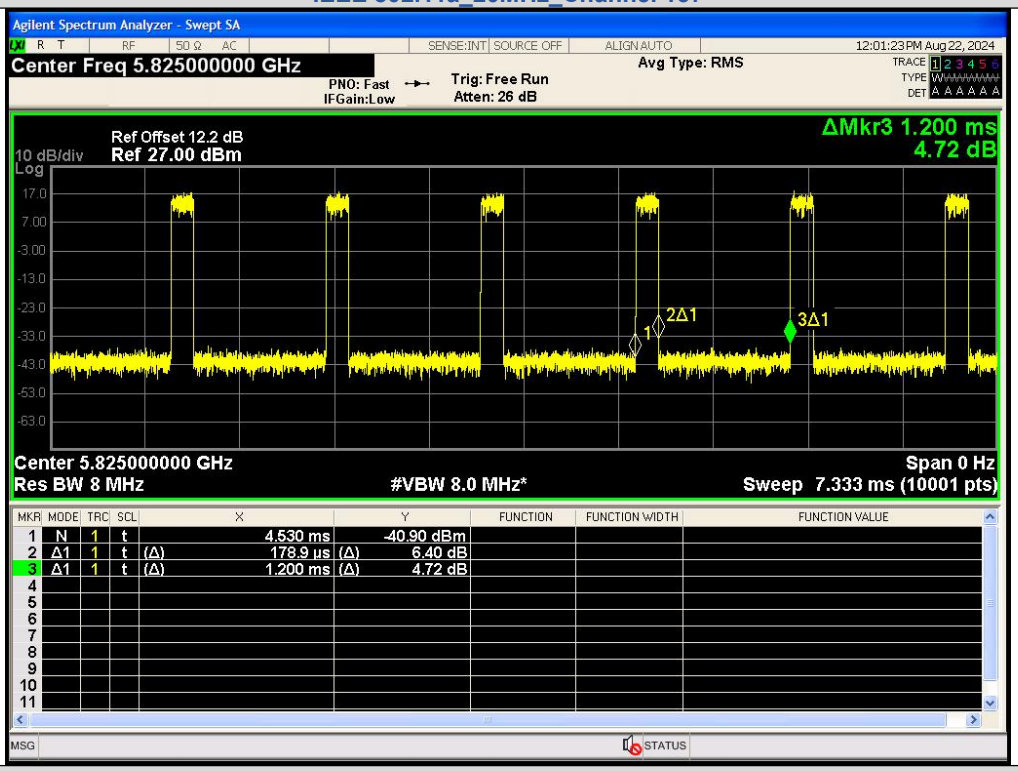
Test Graphs



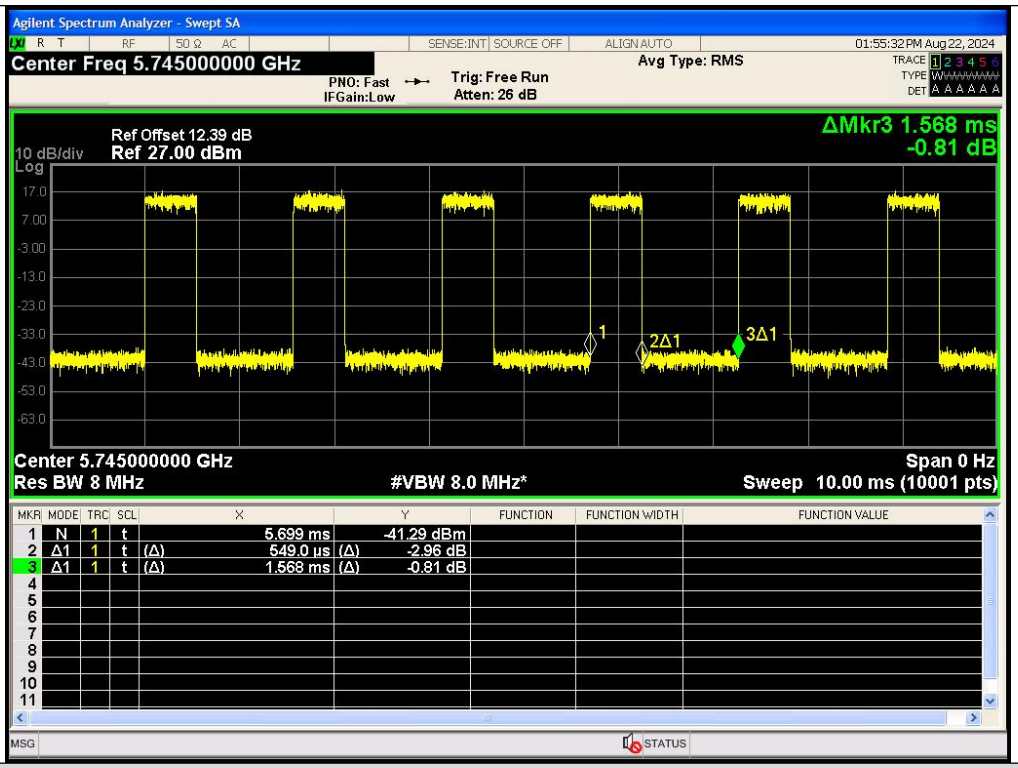
IEEE 802.11a_20MHz_Channel 149



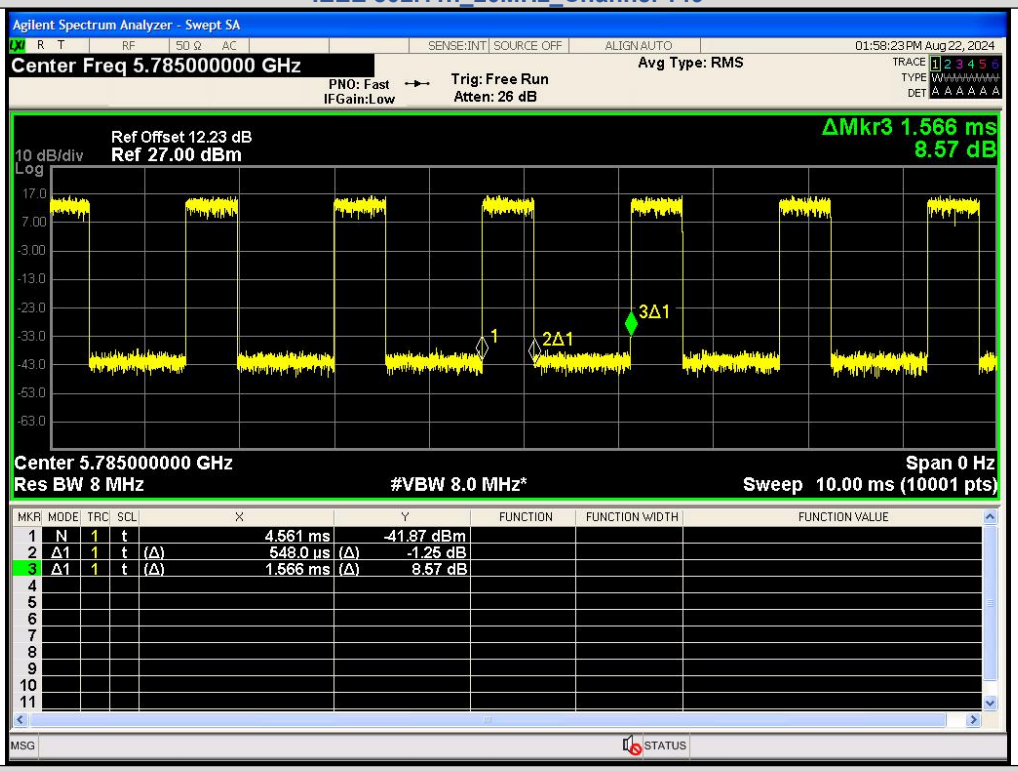
IEEE 802.11a_20MHz_Channel 157



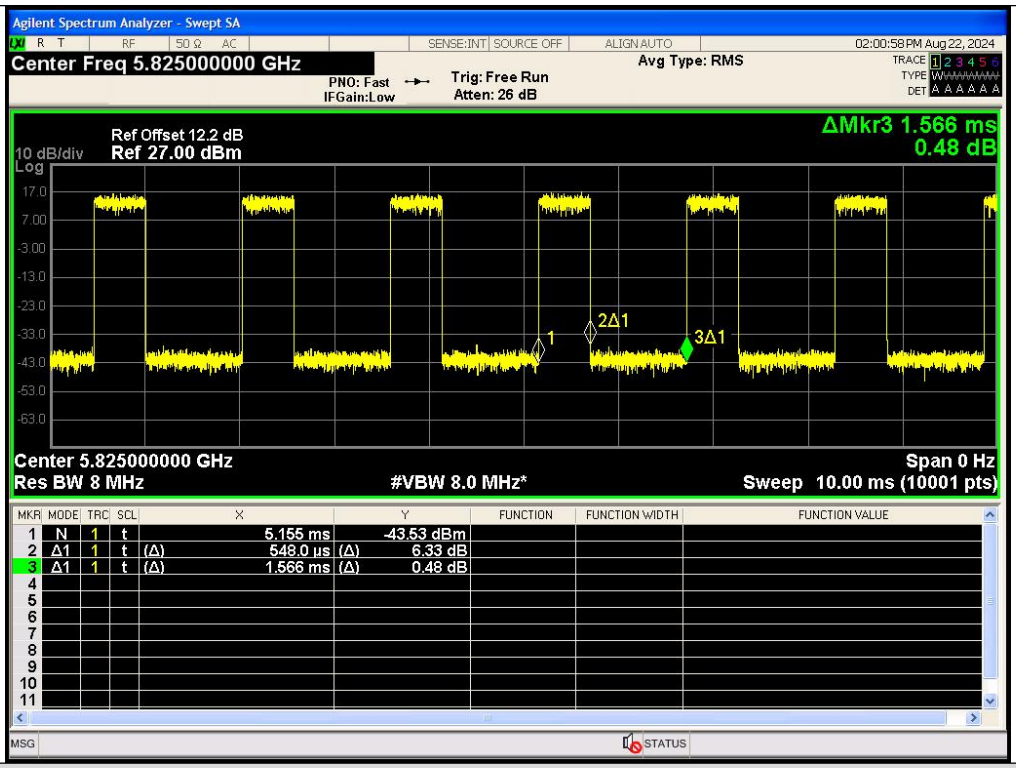
IEEE 802.11a_20MHz_Channel 165



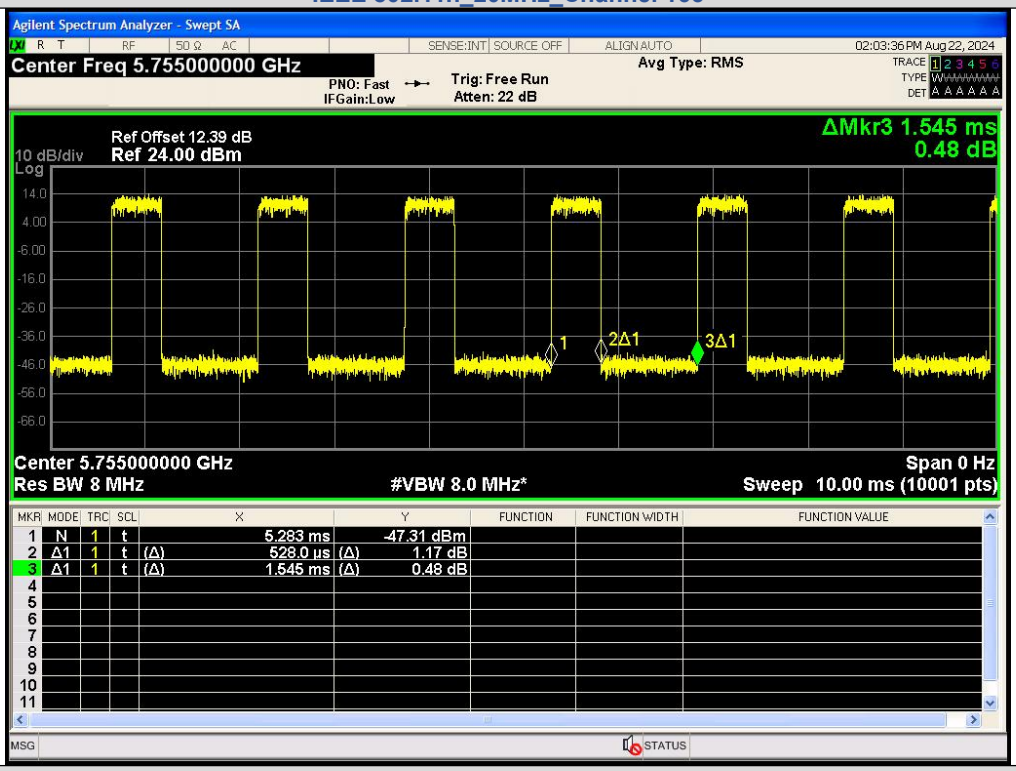
IEEE 802.11n_20MHz_Channel 149



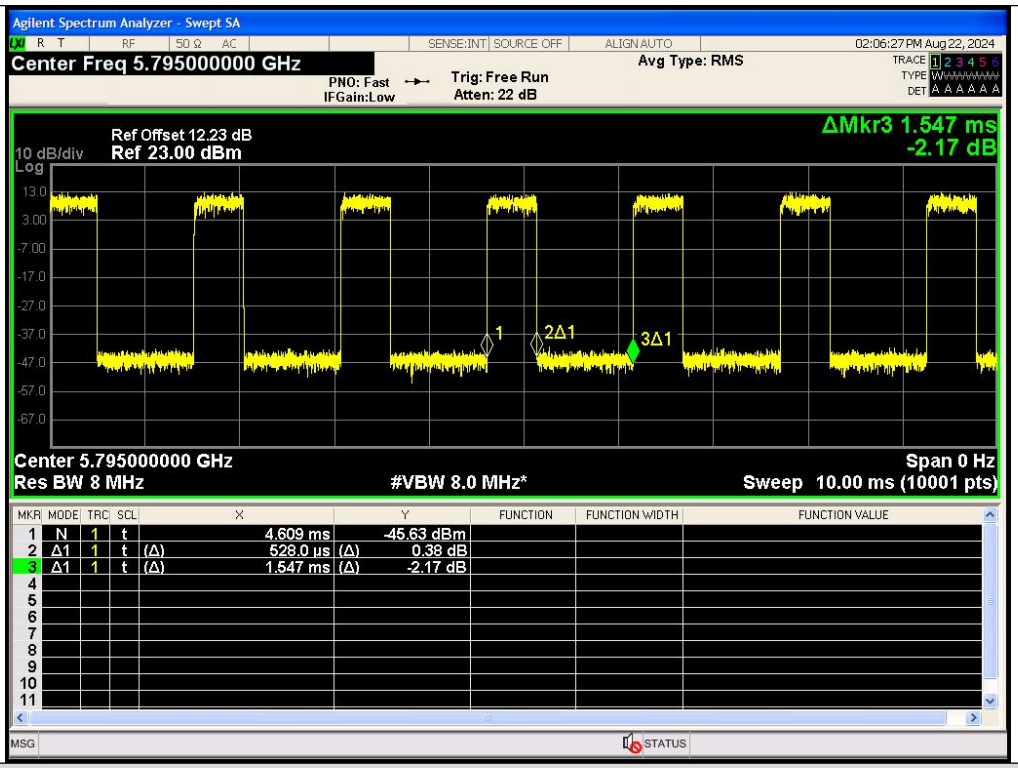
IEEE 802.11n_20MHz_Channel 157



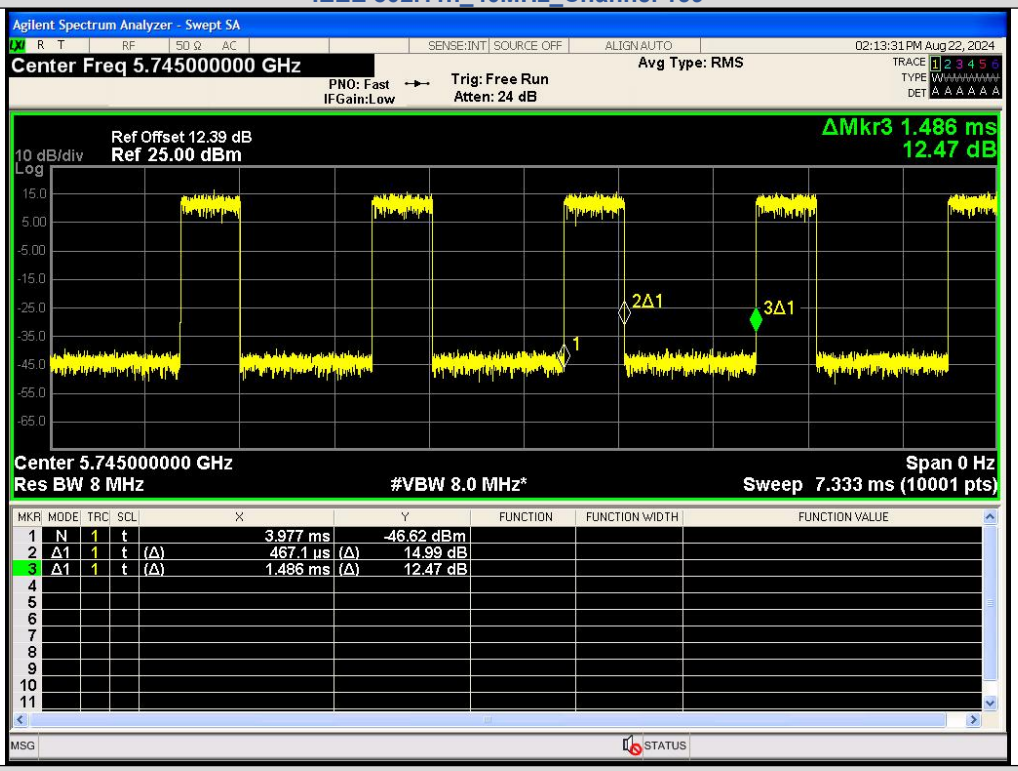
IEEE 802.11n_20MHz_Channel 165



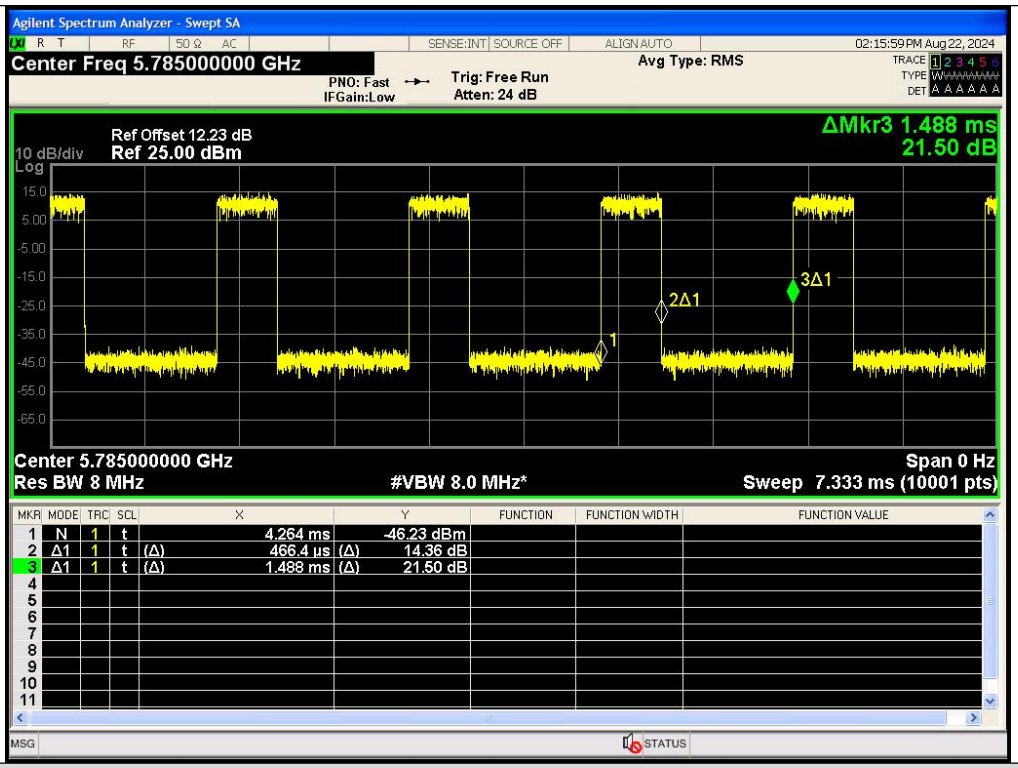
IEEE 802.11n_40MHz_Channel 151



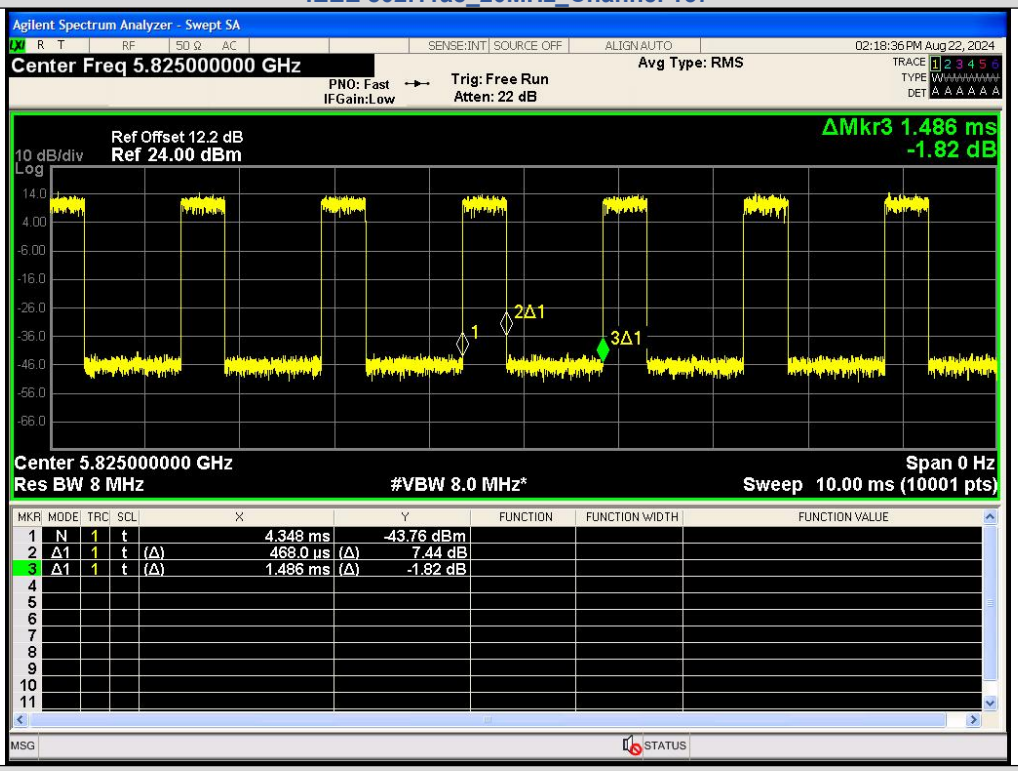
IEEE 802.11n_40MHz_Channel 159



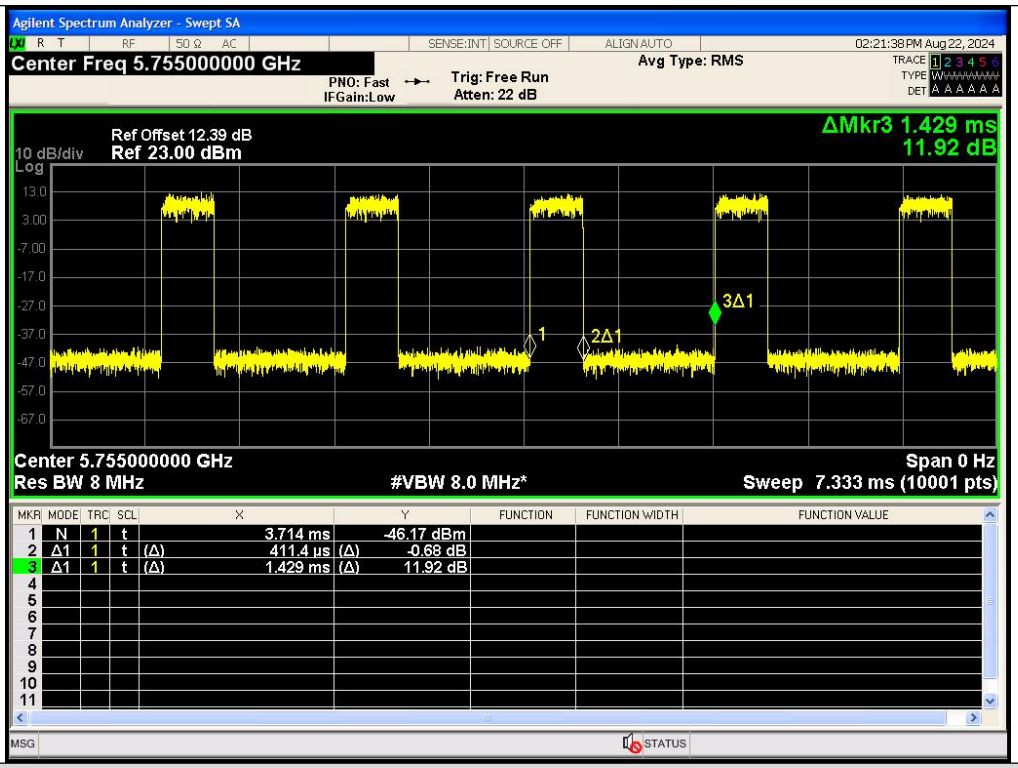
IEEE 802.11ac_20MHz_Channel 149



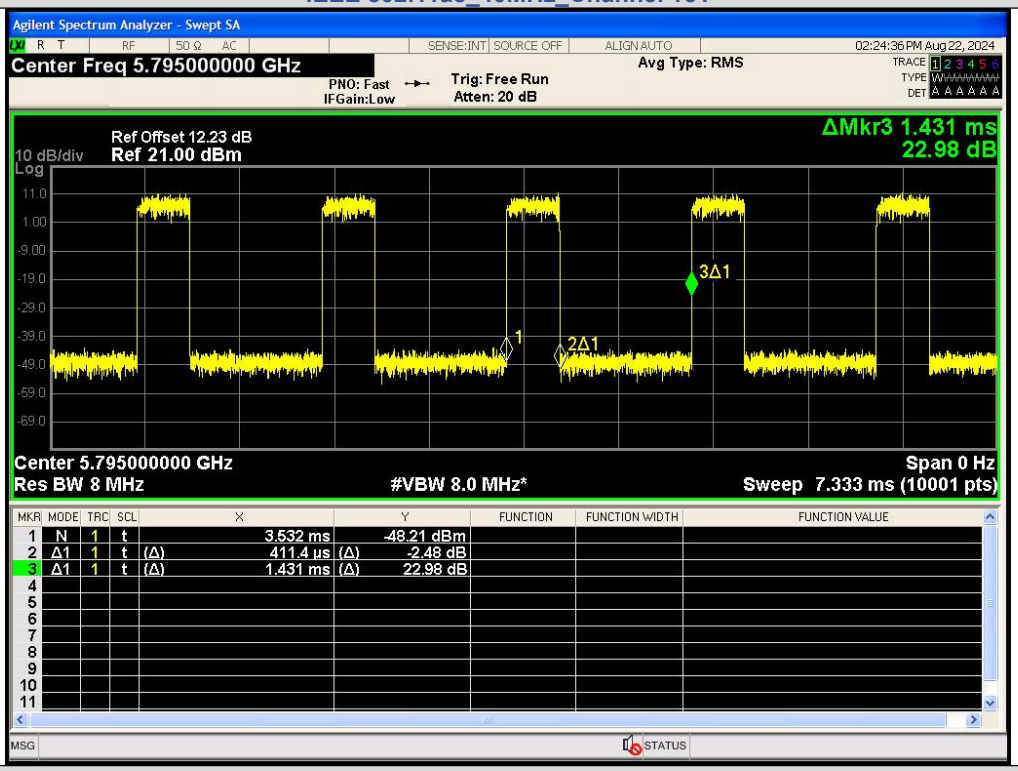
IEEE 802.11ac_20MHz_Channel 157



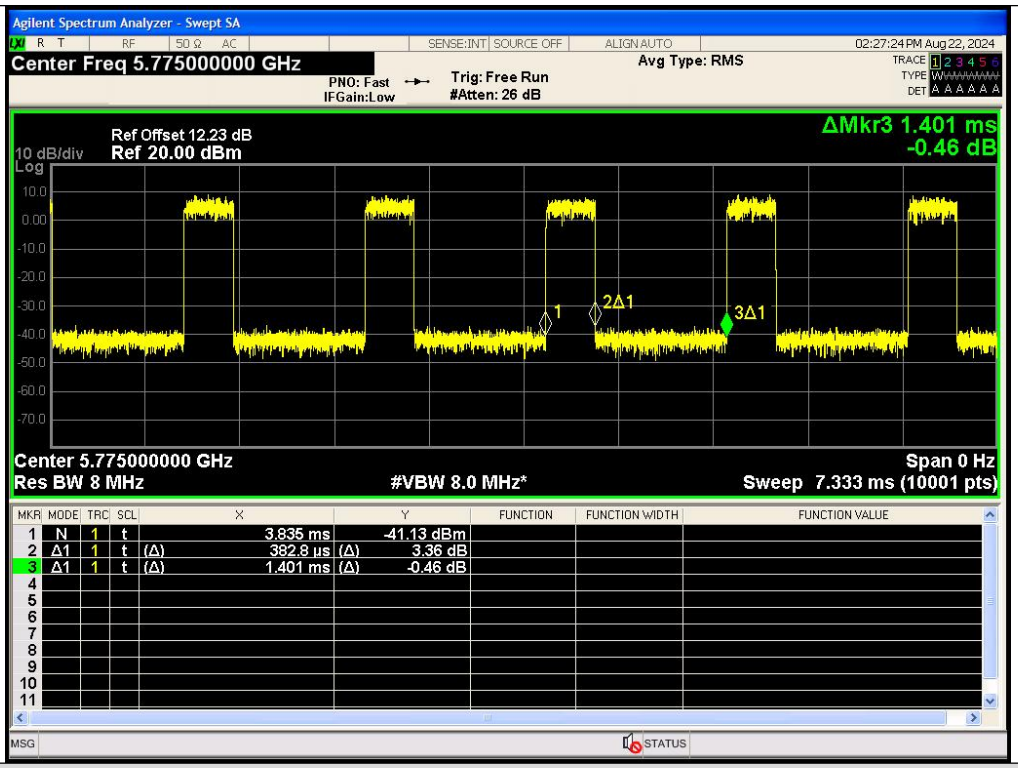
IEEE 802.11ac_20MHz_Channel 165



IEEE 802.11ac_40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



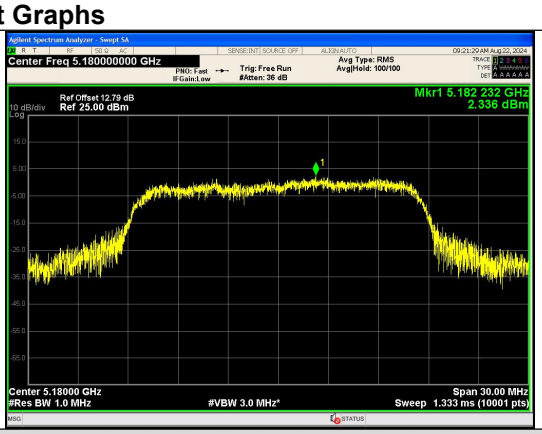
IEEE 802.11ac_80MHz_Channel 155

APPENDIX VIII.Peak Power Spectral Density

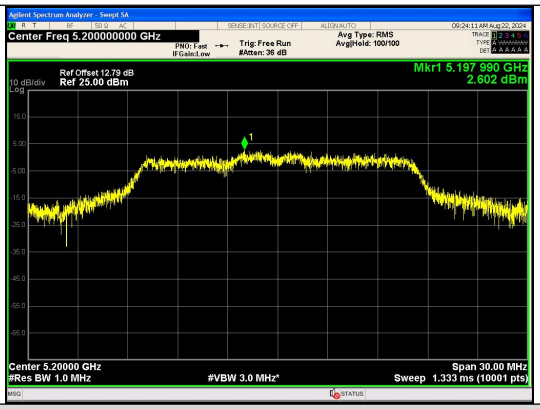
Test Result

Mode	Channel	Ant. 0 Meas PSD (dBm/MHz)	Ant. 0 Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)	Result
IEEE 802.11a	36	2.336	10.593	11	PASS
	40	2.602	10.859		PASS
	48	2.490	10.747		PASS
	52	-8.138	0.119		PASS
	56	-8.897	-0.64		PASS
	64	-6.861	1.396		PASS
	100	2.236	10.493		PASS
	120	2.564	10.821		PASS
	140	0.598	8.855		PASS
IEEE 802.11n_20	36	4.235	8.796		PASS
	40	4.405	8.966		PASS
	48	4.713	9.274		PASS
	52	3.594	8.155		PASS
	56	3.649	8.21		PASS
	64	3.159	7.72		PASS
	100	2.654	7.215		PASS
	120	1.111	5.672		PASS
	140	-0.657	3.904		PASS
IEEE 802.11n_40	38	1.858	6.527		PASS
	46	1.712	6.381		PASS
	54	1.393	6.062		PASS
	62	-0.476	4.193		PASS
	102	-2.025	2.644		PASS
	118	-1.379	3.29		PASS
	134	-2.737	1.932		PASS
IEEE 802.11ac_20	36	3.118	8.136		PASS
	40	3.399	8.417		PASS
	48	4.458	9.476		PASS
	52	4.562	9.58		PASS
	56	3.519	8.537		PASS
	64	4.796	9.814		PASS
	100	3.272	8.29		PASS
	120	1.864	6.882		PASS
	140	0.343	5.361		PASS
IEEE 802.11ac_40	38	-0.323	5.091		PASS
	46	1.281	6.695		PASS
	54	1.340	6.754		PASS
	62	0.437	5.851		PASS
	102	0.704	6.118		PASS
	118	-1.191	4.223		PASS
	134	-1.858	3.556		PASS
IEEE 802.11ac_80	42	-2.747	2.879		PASS
	58	-1.452	4.174		PASS
	106	-2.661	2.965		PASS

Test Graphs



IEEE 802.11a_Channel 36_20MHz_Antenna 0



IEEE 802.11a_Channel 40_20MHz_Antenna 0