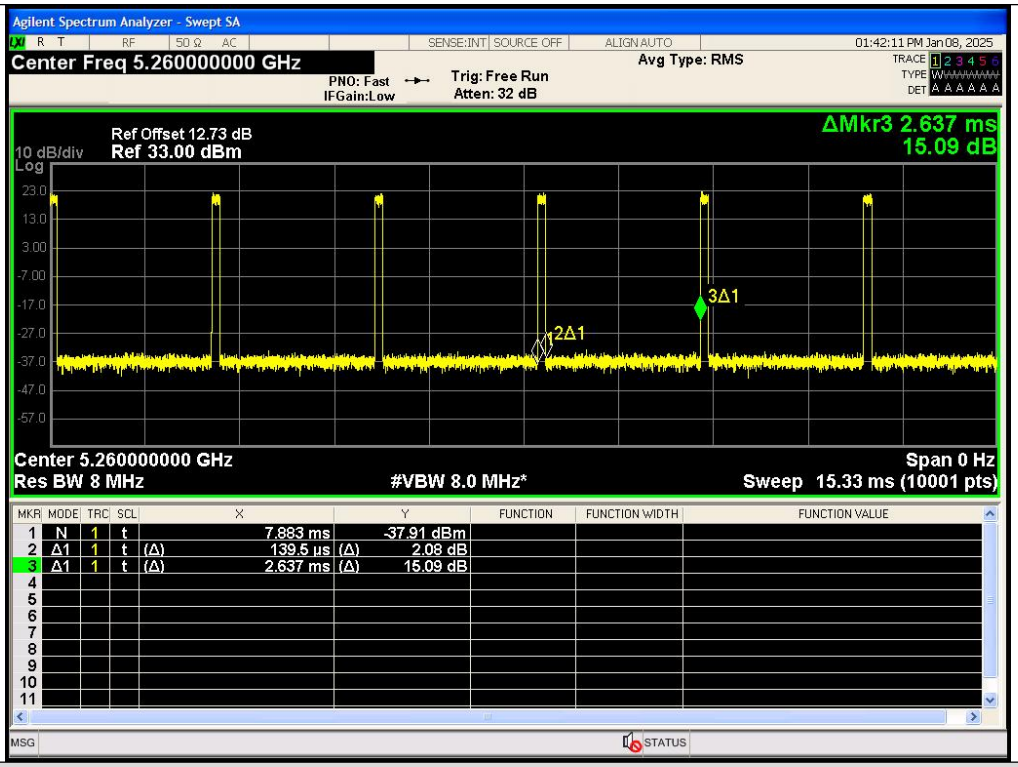
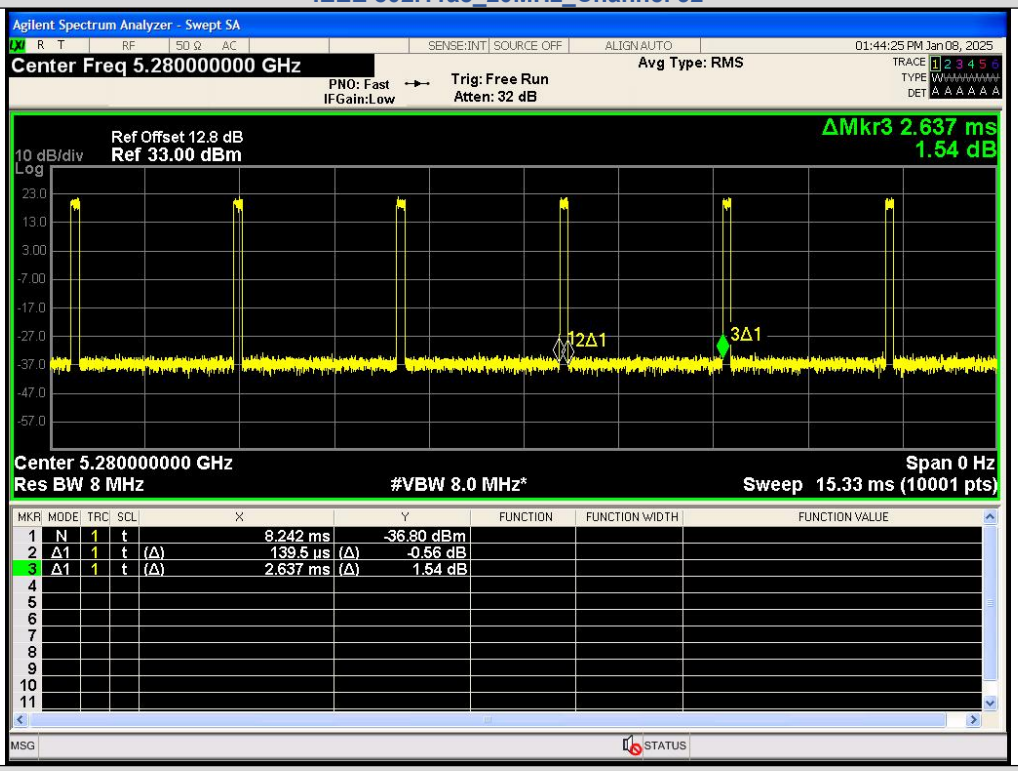
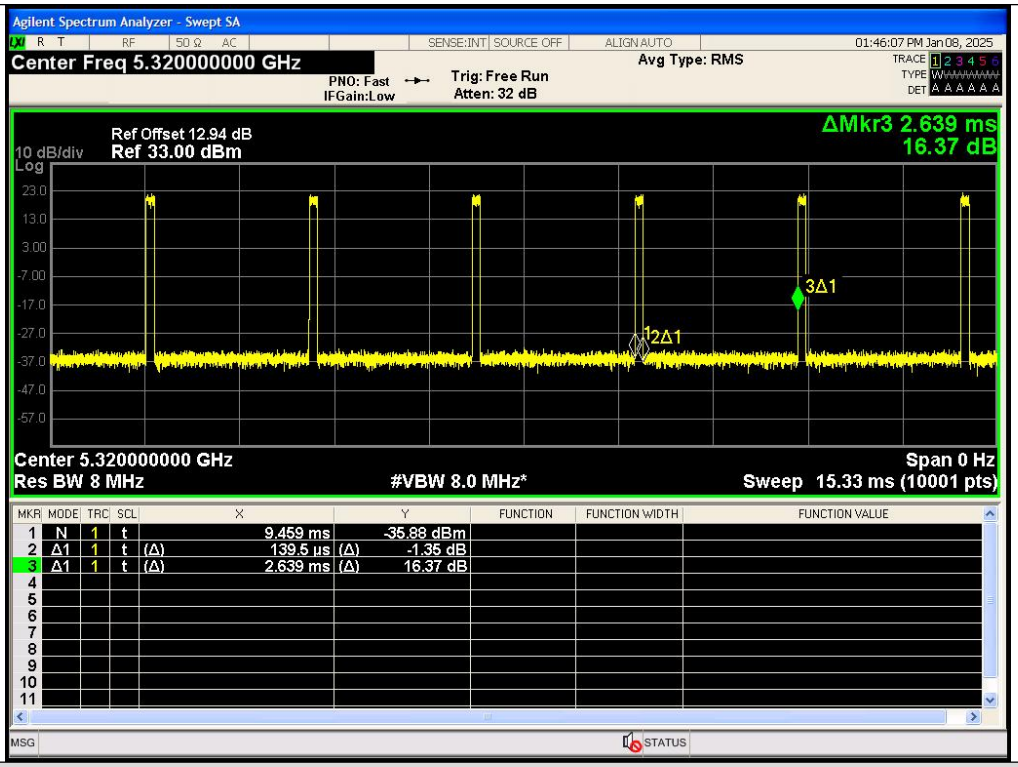


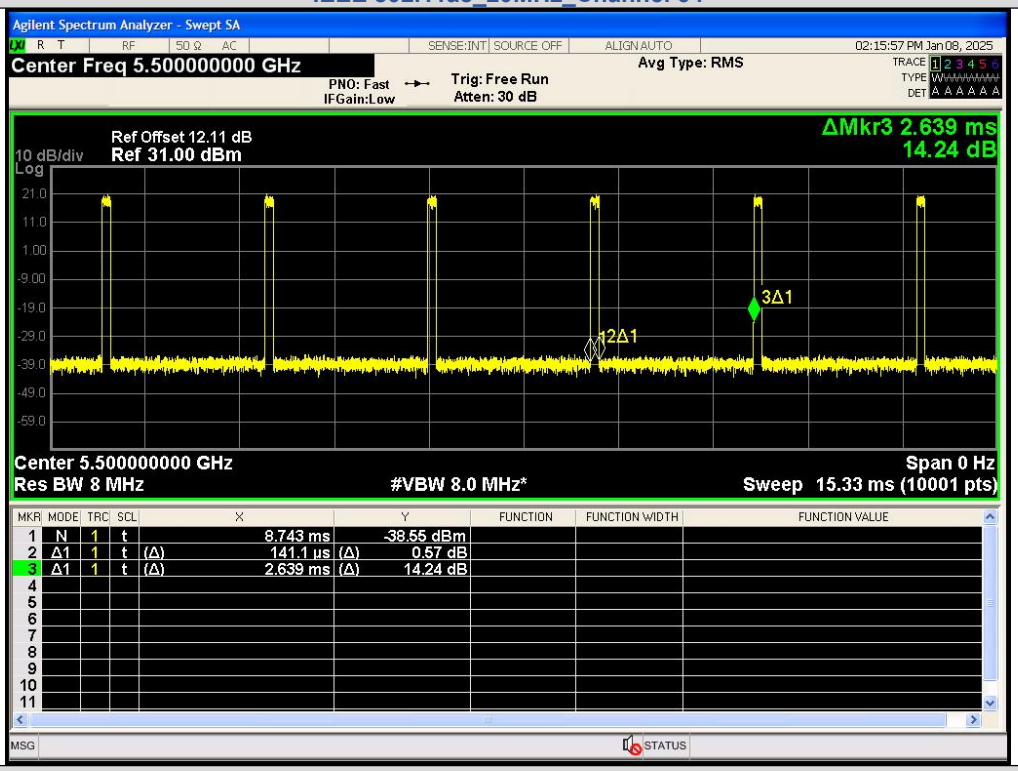
IEEE 802.11ac_20MHz_Channel 52



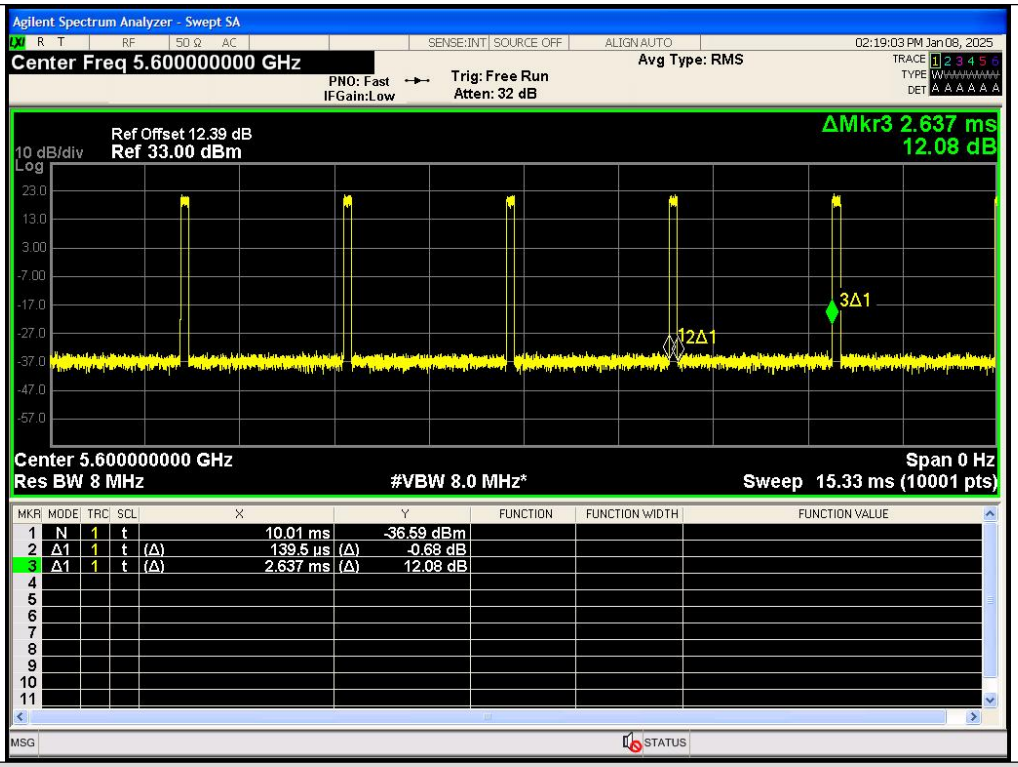
IEEE 802.11ac_20MHz_Channel 56



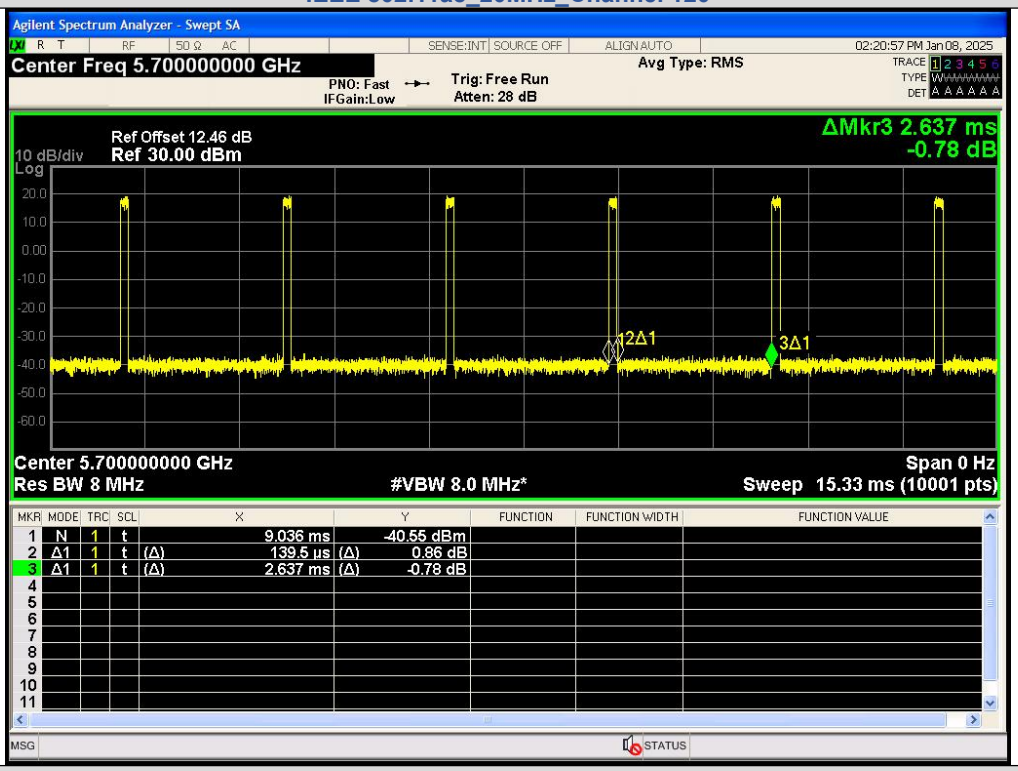
IEEE 802.11ac_20MHz_Channel 64



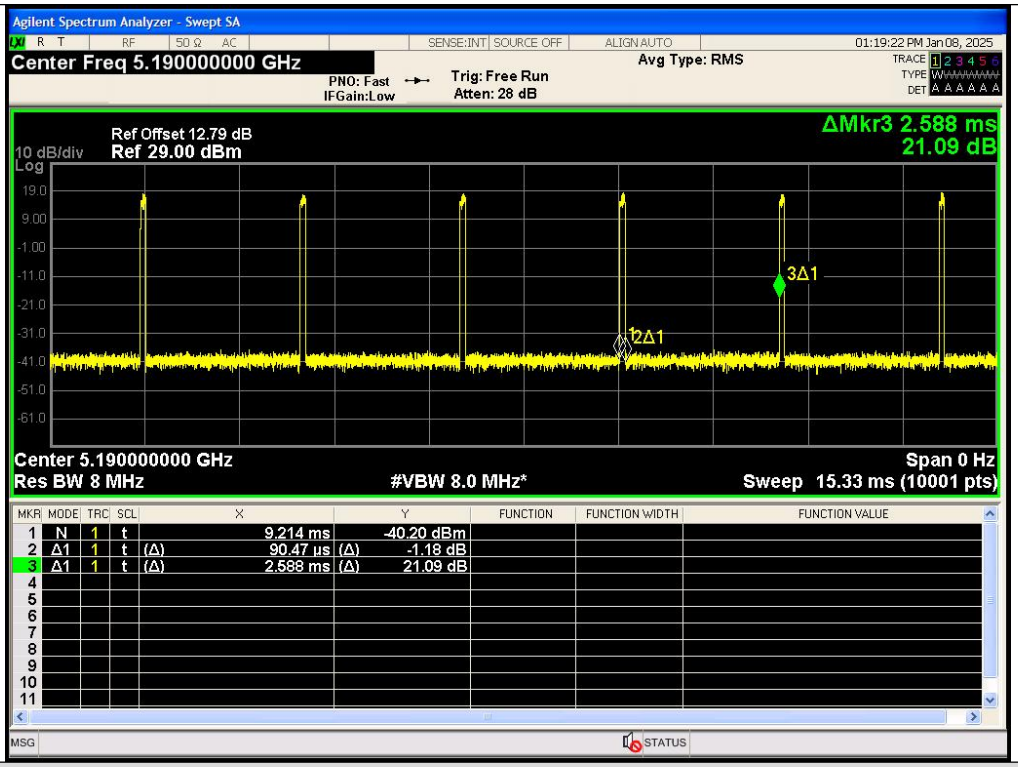
IEEE 802.11ac_20MHz_Channel 100



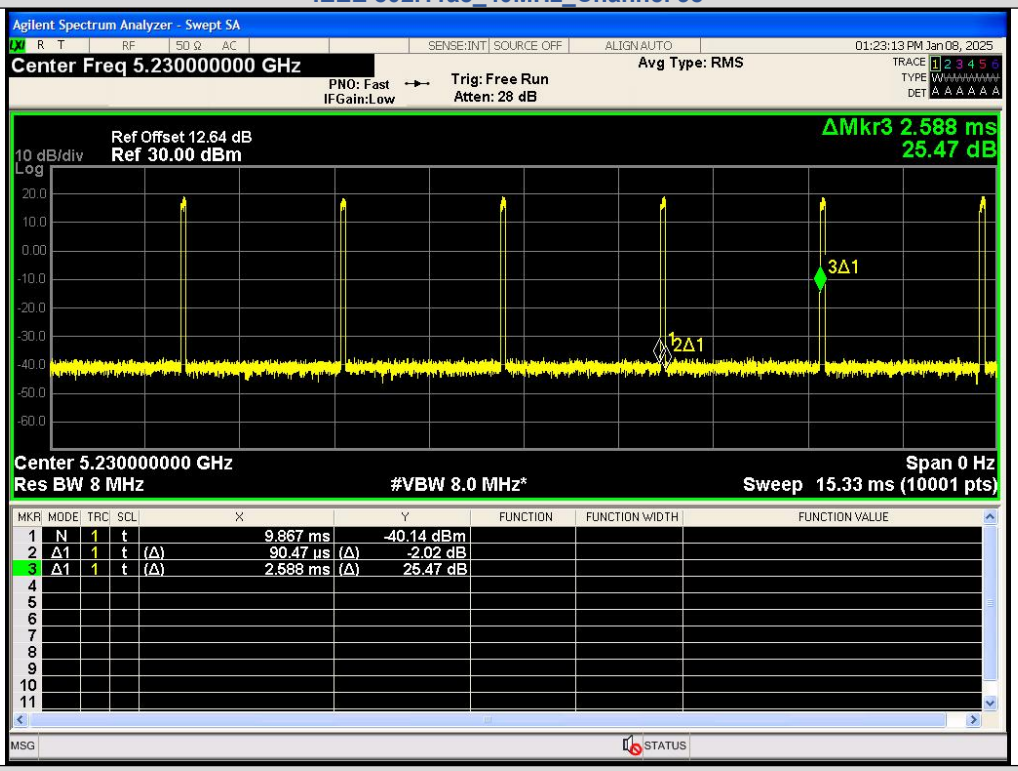
IEEE 802.11ac_20MHz_Channel 120



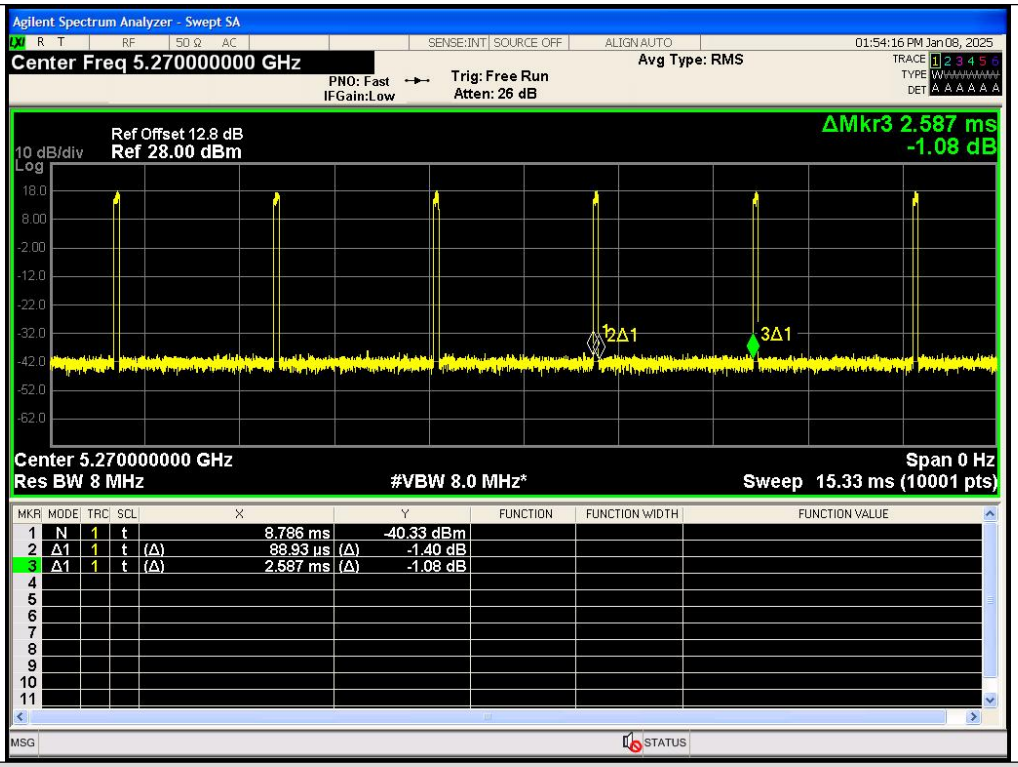
IEEE 802.11ac_20MHz_Channel 140



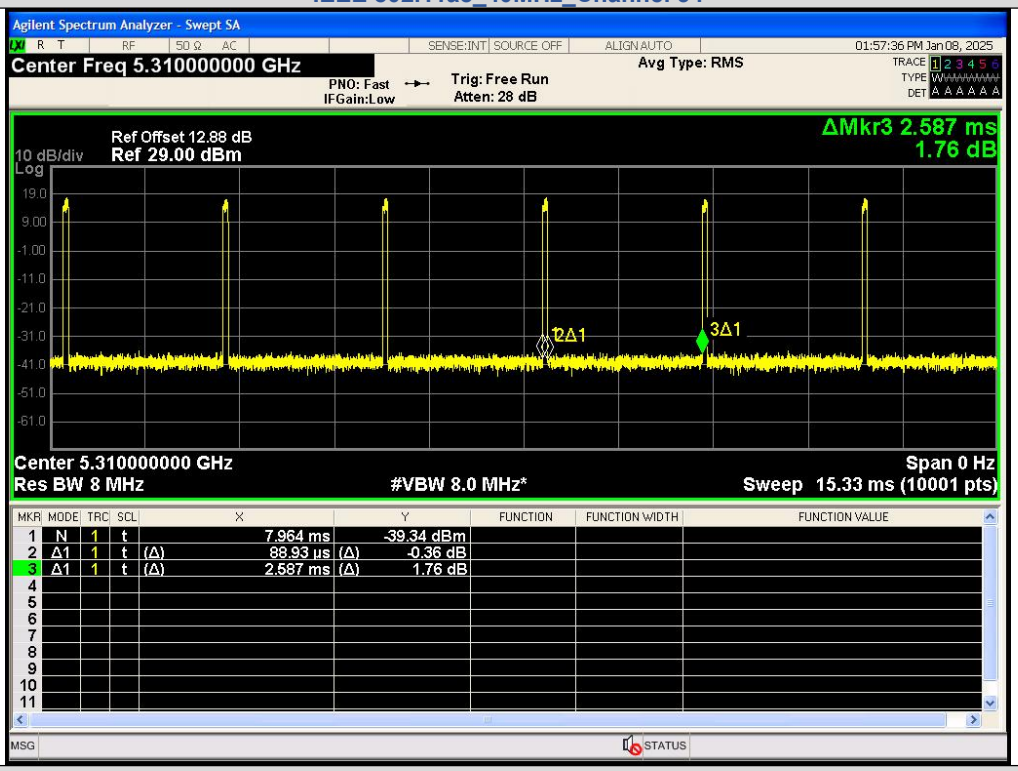
IEEE 802.11ac_40MHz_Channel 38



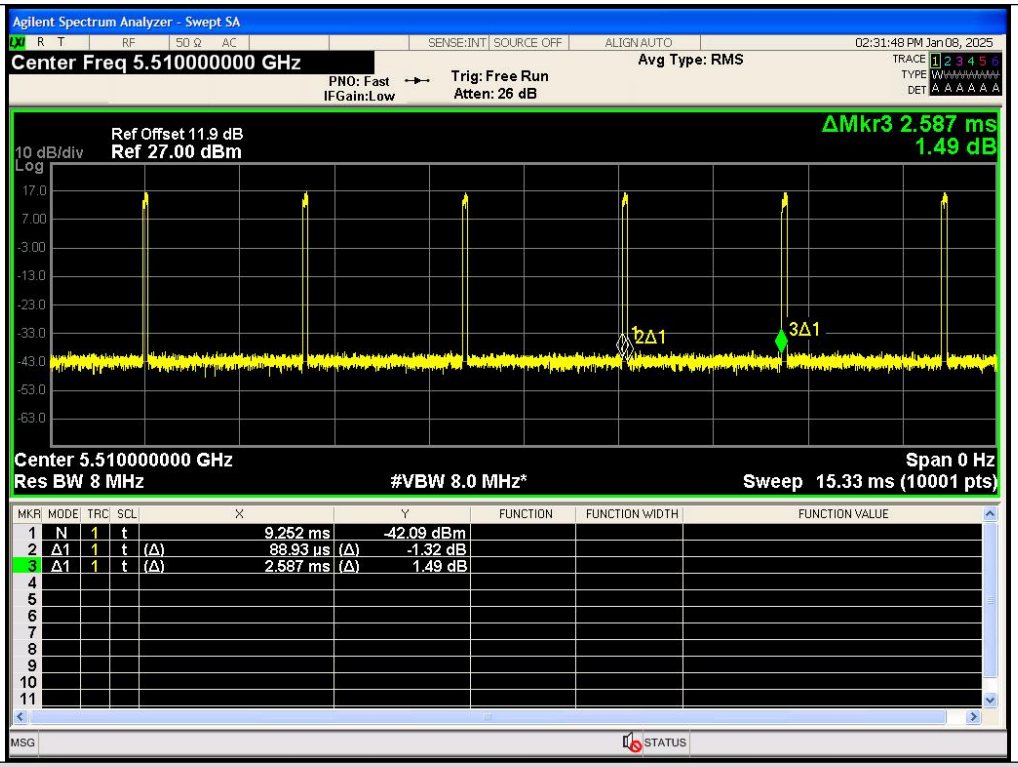
IEEE 802.11ac_40MHz_Channel 46



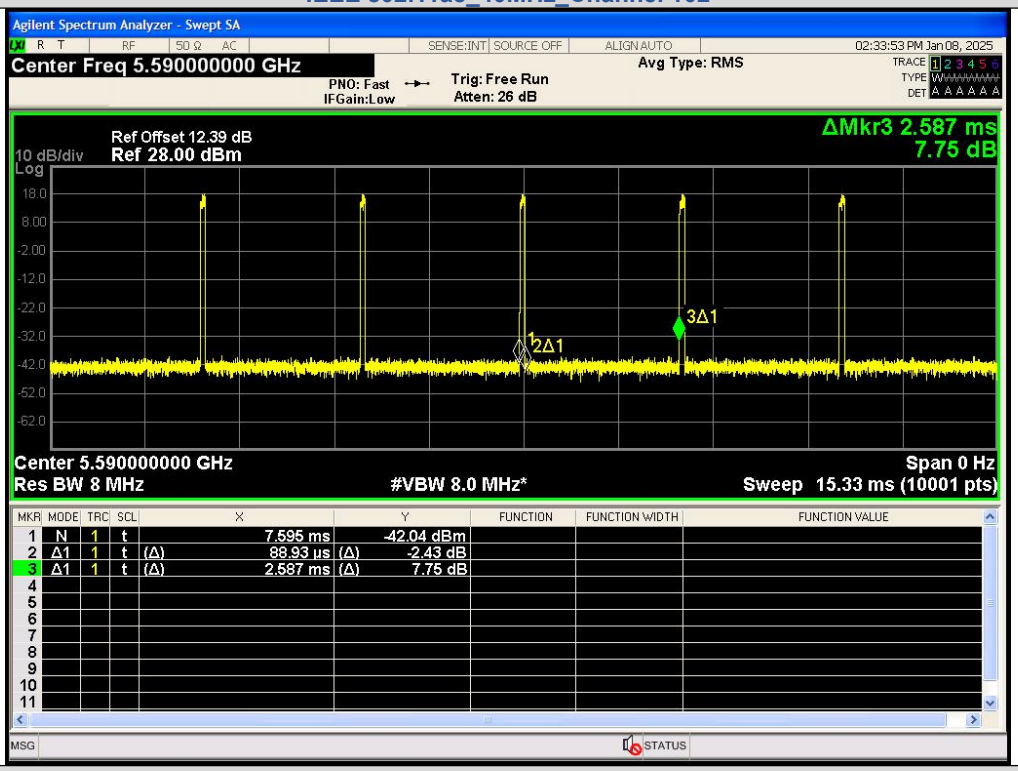
IEEE 802.11ac_40MHz_Channel 54



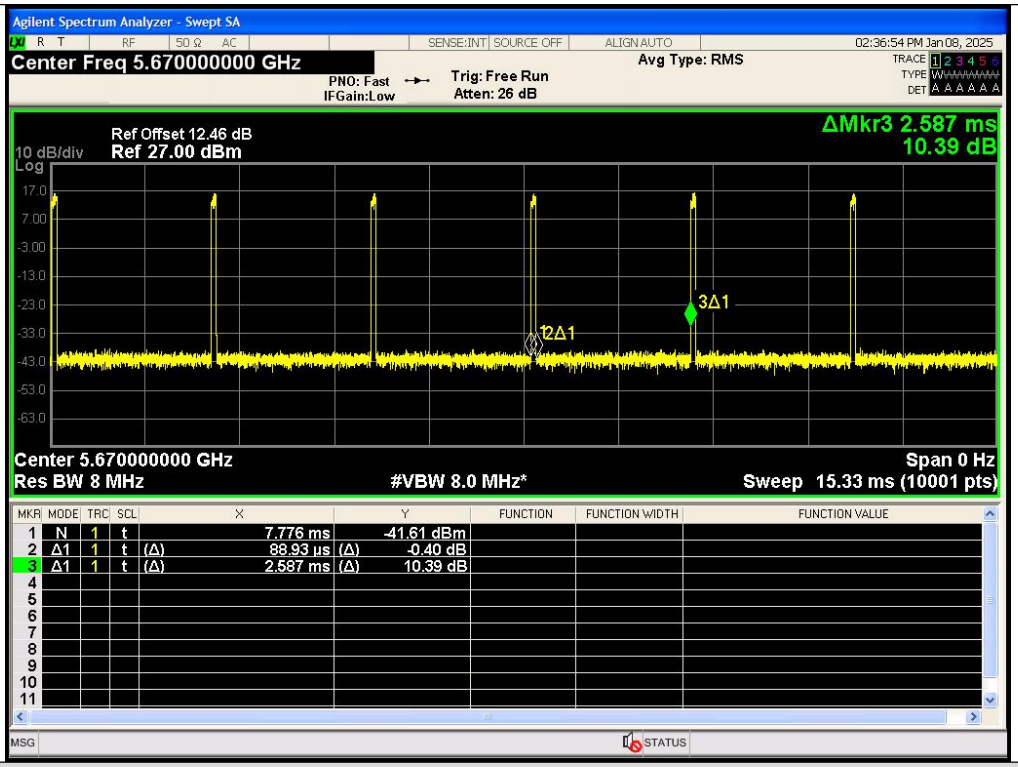
IEEE 802.11ac_40MHz_Channel 62



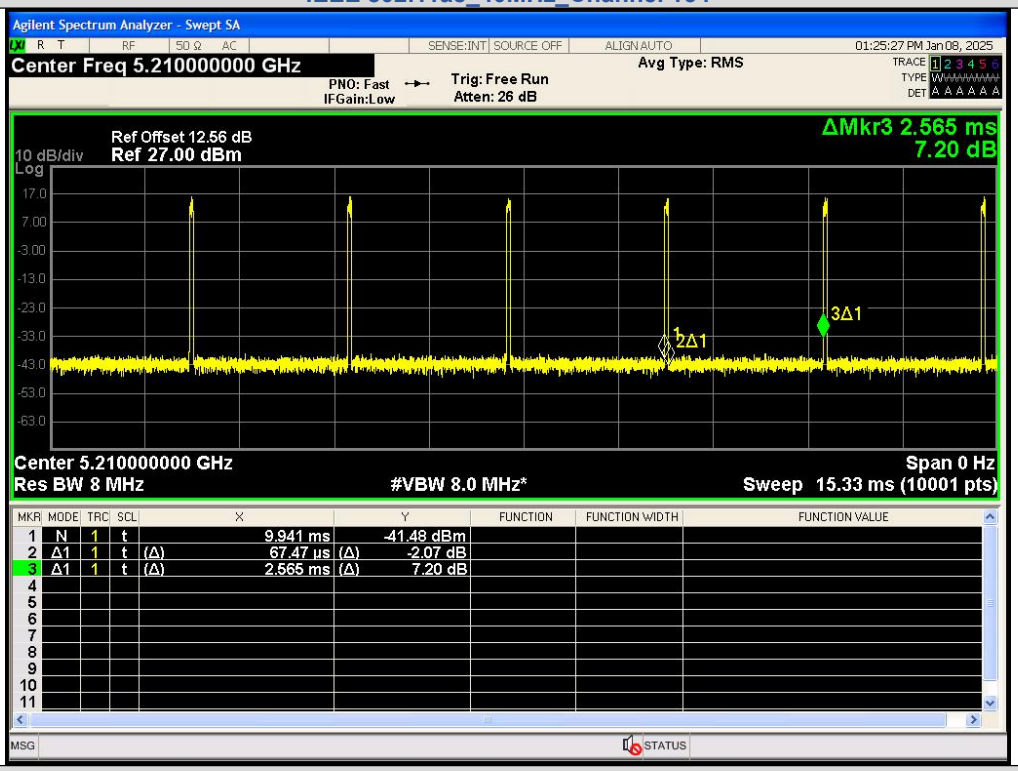
IEEE 802.11ac_40MHz_Channel 102



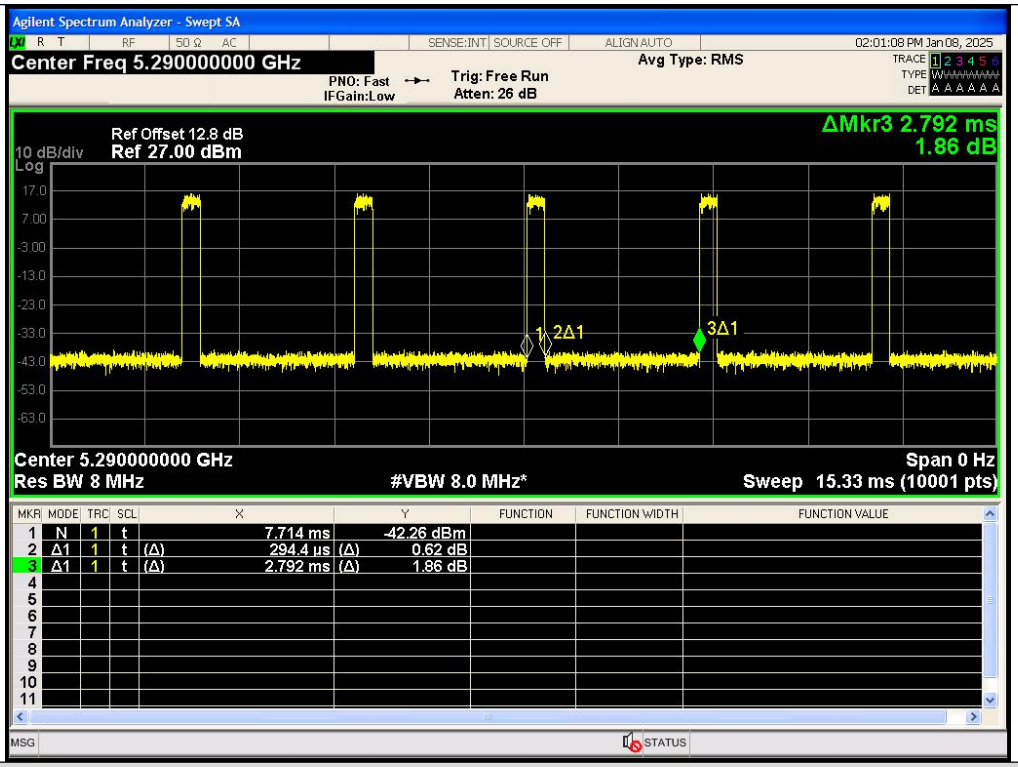
IEEE 802.11ac_40MHz_Channel 118



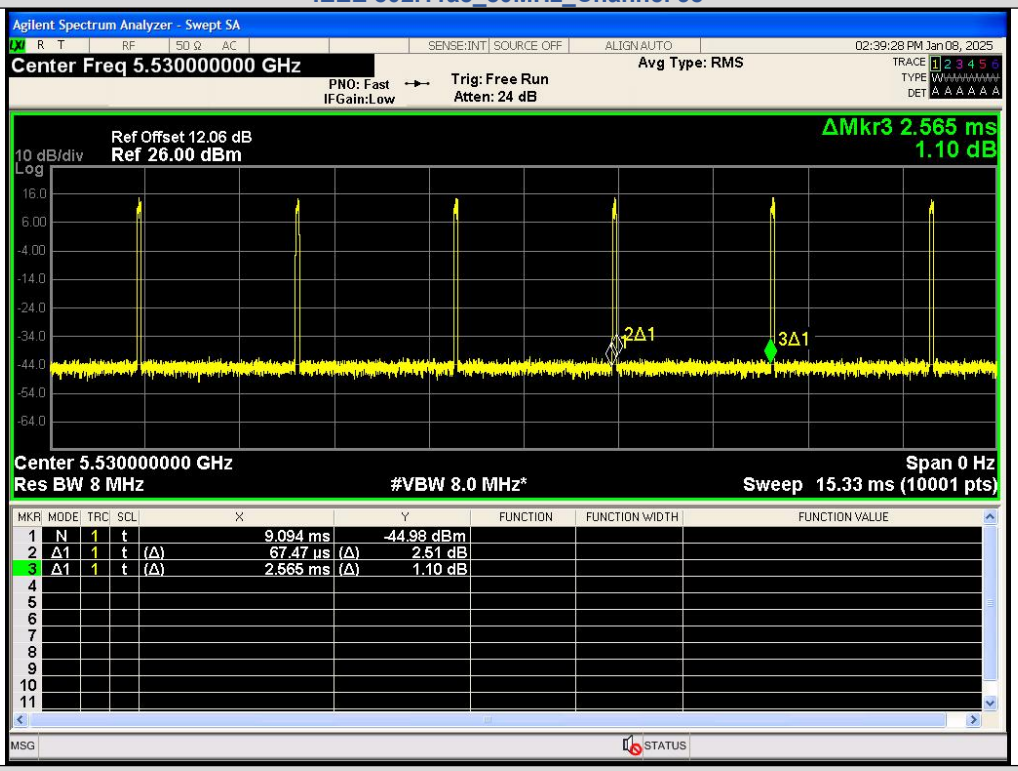
IEEE 802.11ac_40MHz_Channel 134



IEEE 802.11ac_80MHz_Channel 42



IEEE 802.11ac_80MHz_Channel 58

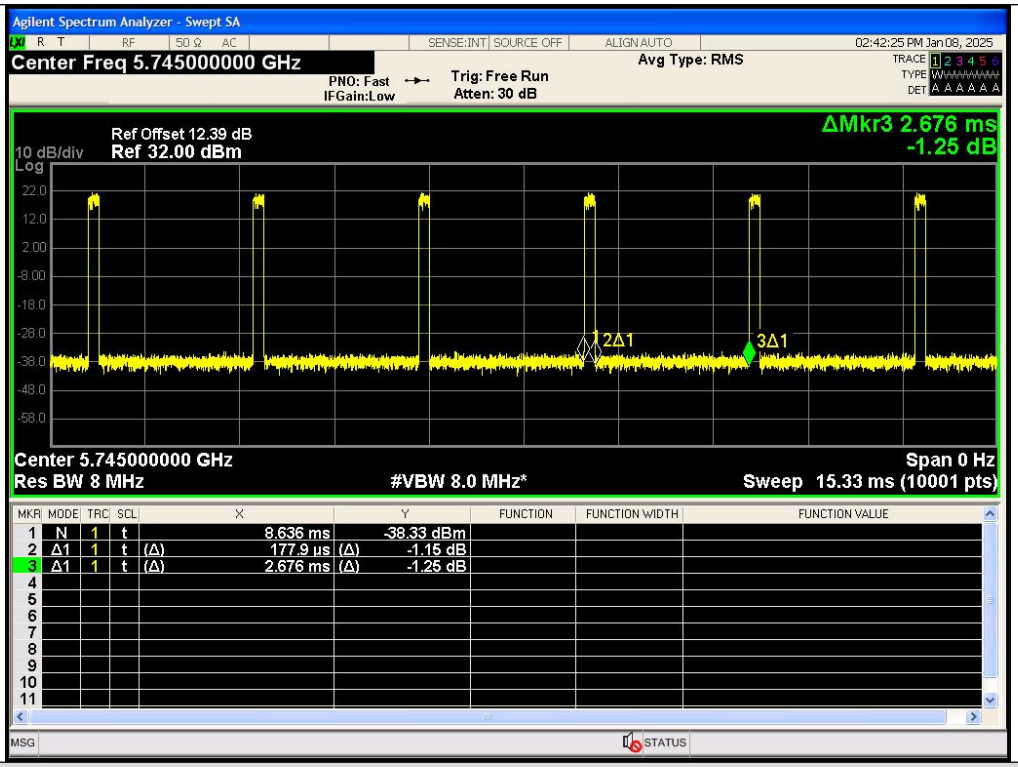


IEEE 802.11ac_80MHz_Channel 106

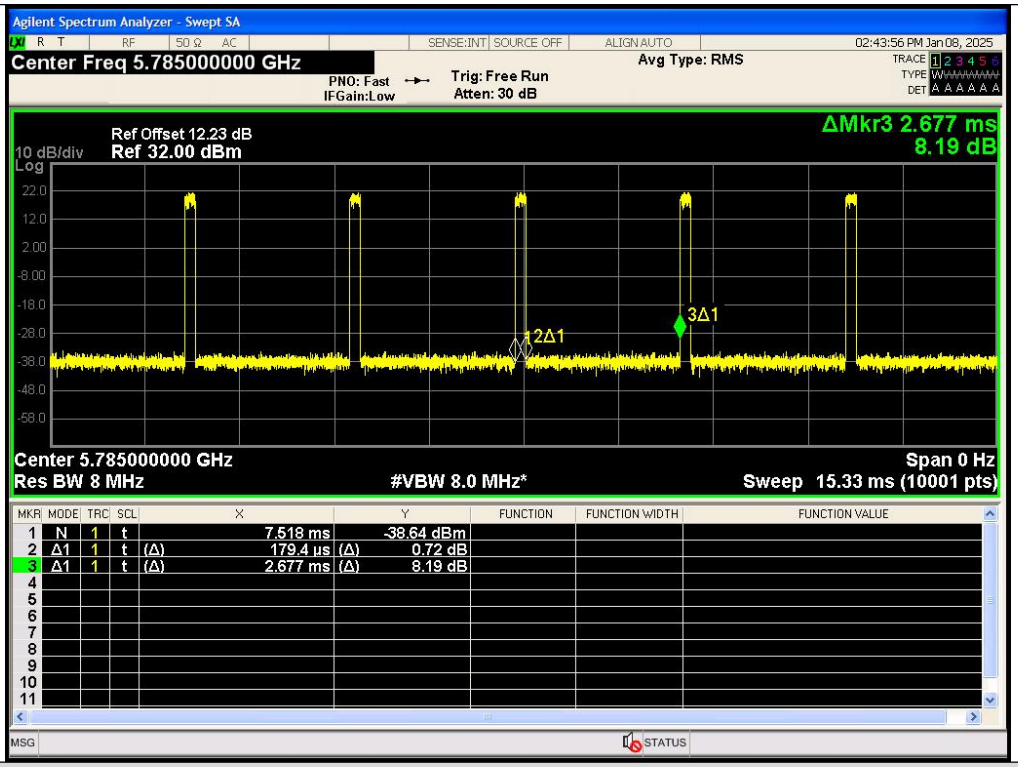
Test Result

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	0.178	2.676	6.65	0.0665	11.7718
		157		0.179	2.677	6.70	0.0670	11.7393
		165		0.179	2.677	6.70	0.0670	11.7393
IEEE 802.11n_20	MCS 7	149		0.153	2.651	5.78	0.0578	12.3807
		157		0.155	2.653	5.84	0.0584	12.3359
		165		0.153	2.651	5.78	0.0578	12.3807
IEEE 802.11n_40		151		0.097	2.593	3.73	0.0373	14.2829
		159		0.097	2.593	3.73	0.0373	14.2829
IEEE 802.11ac_20	MCS 9	149		0.141	2.639	5.35	0.0535	12.7165
		157		0.140	2.637	5.29	0.0529	12.7654
		165		0.140	2.637	5.29	0.0529	12.7654
IEEE 802.11ac_40		151		0.090	2.588	3.50	0.0350	14.5593
		159		0.089	2.587	3.44	0.0344	14.6344
IEEE 802.11ac_80		155		0.067	2.565	2.63	0.0263	15.8004

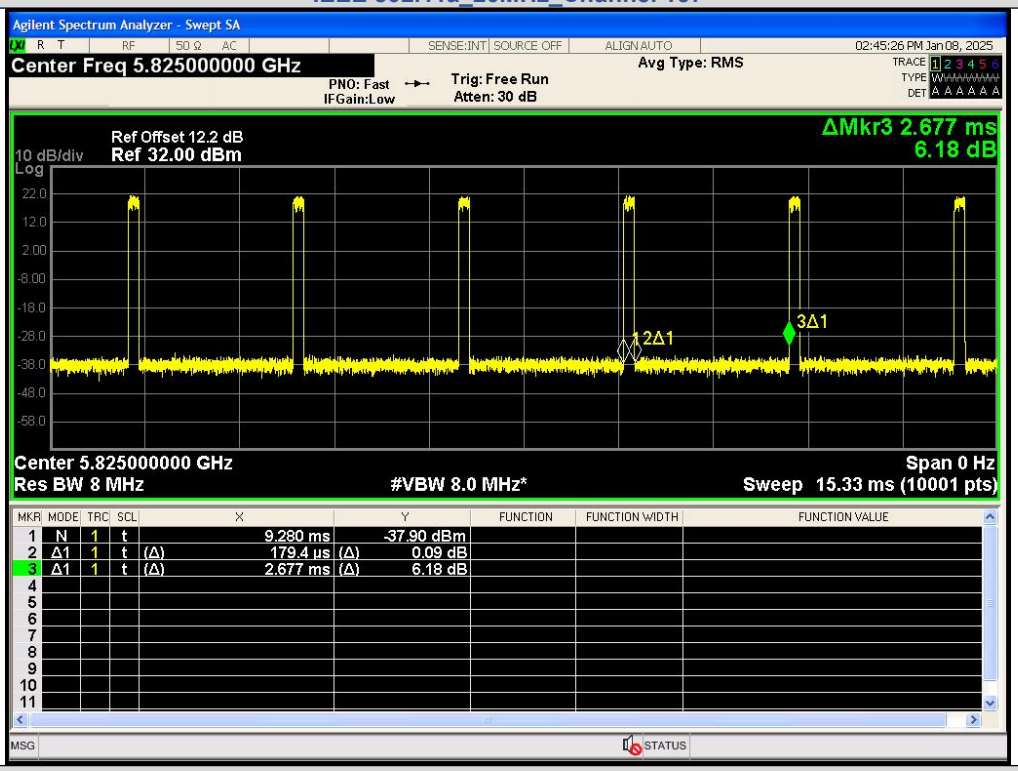
Test Graphs



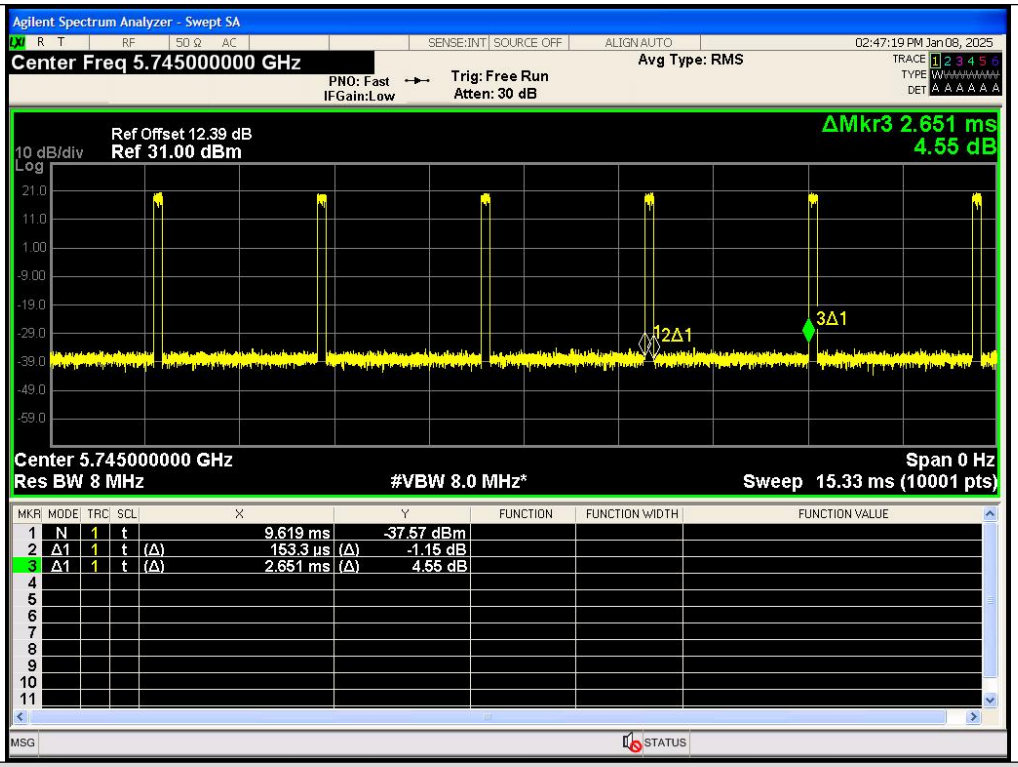
IEEE 802.11a_20MHz_Channel 149



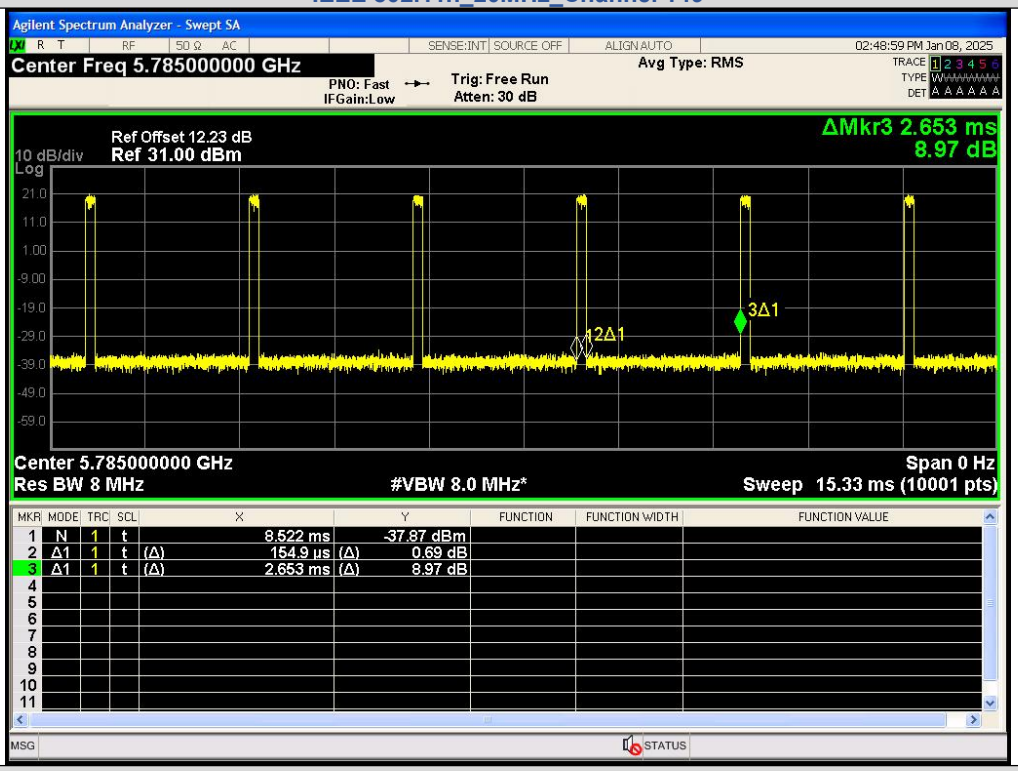
IEEE 802.11a_20MHz_Channel 157



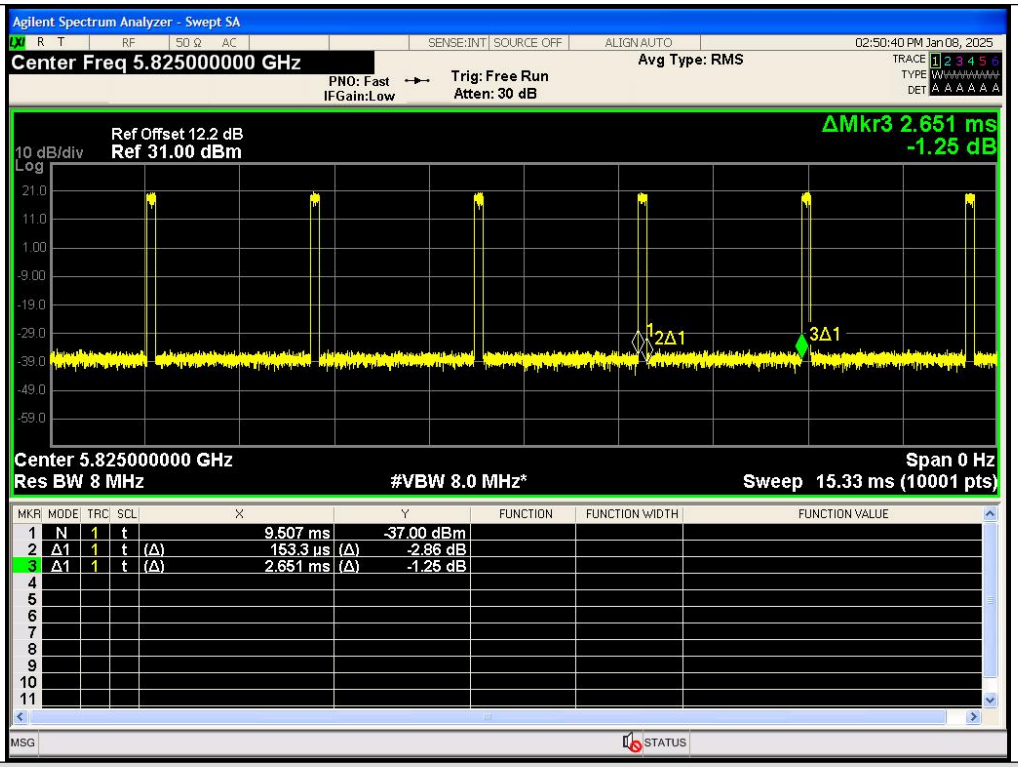
IEEE 802.11a_20MHz_Channel 165



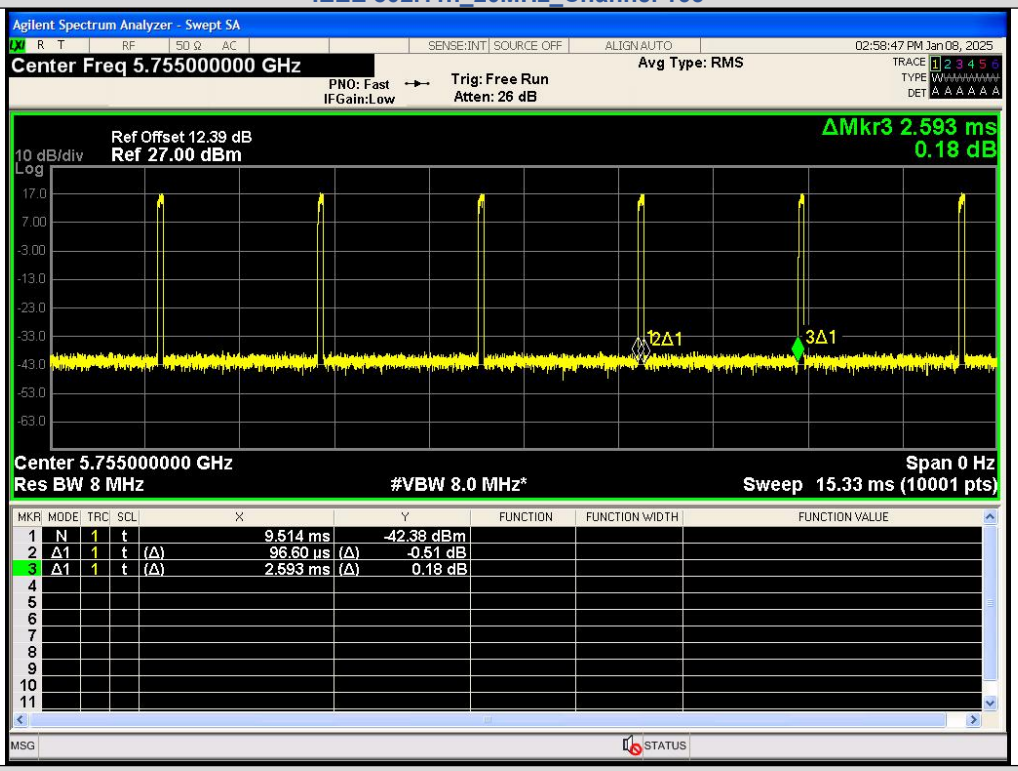
IEEE 802.11n_20MHz_Channel 149



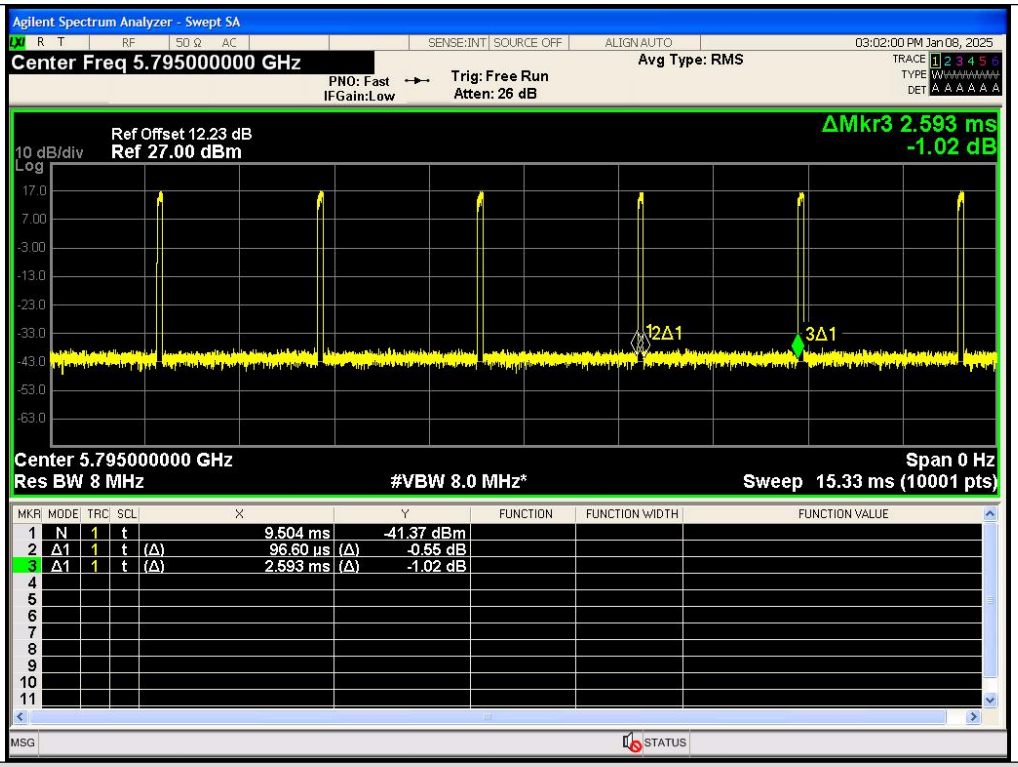
IEEE 802.11n_20MHz_Channel 157



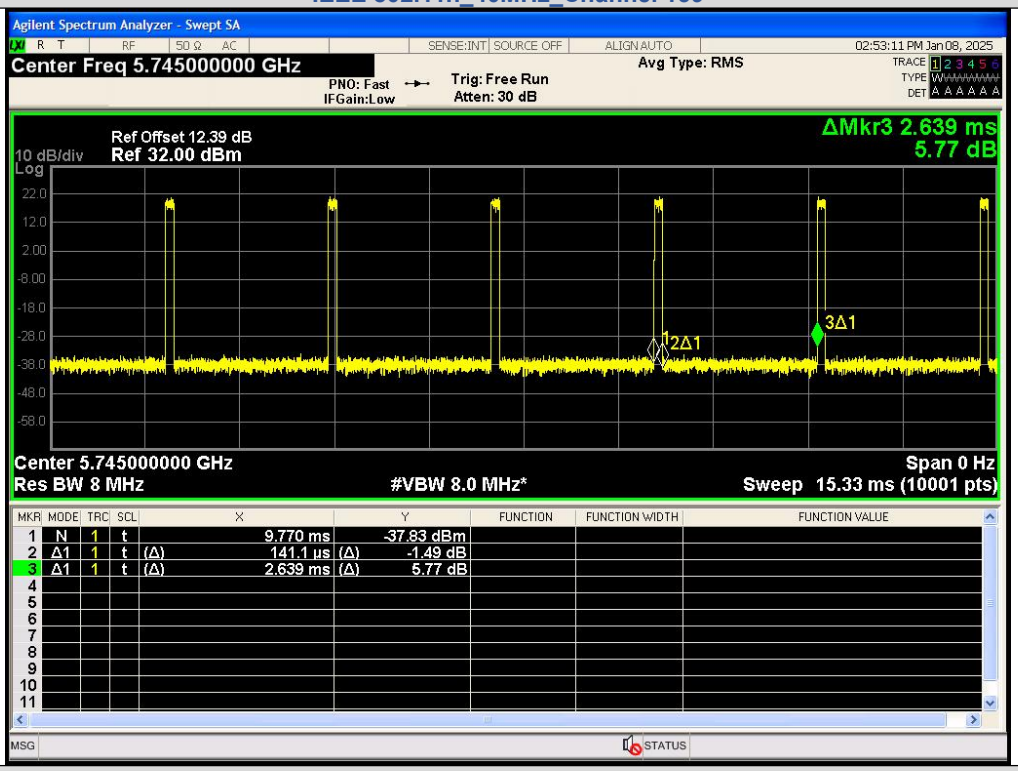
IEEE 802.11n_20MHz_Channel 165



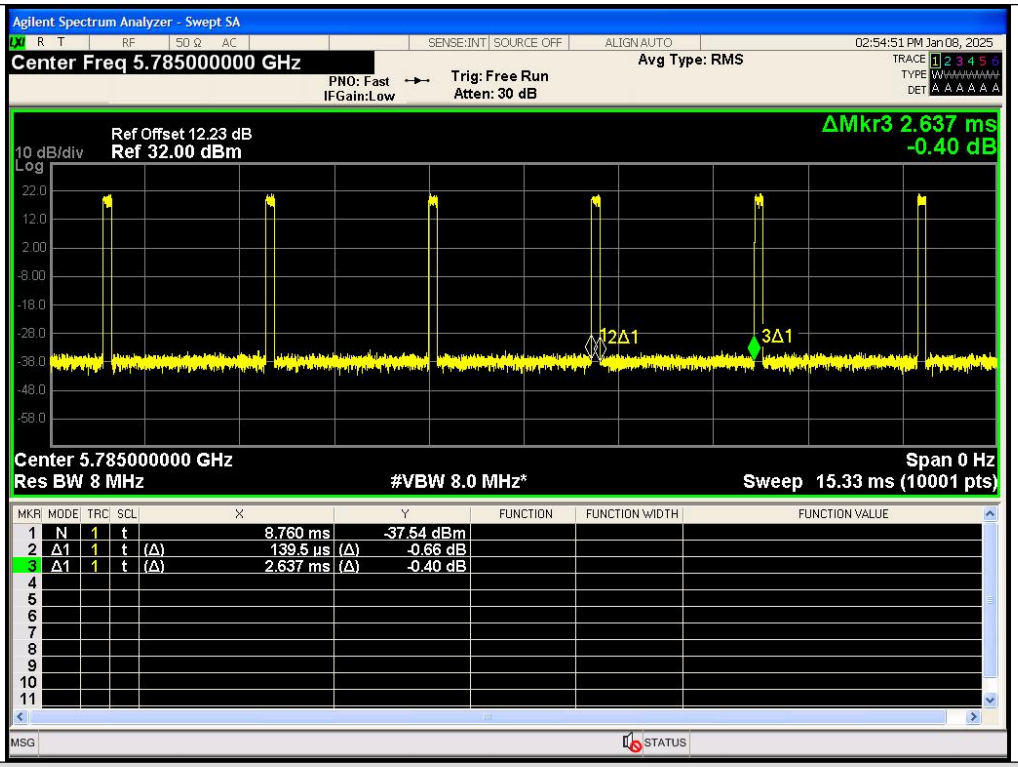
IEEE 802.11n_40MHz_Channel 151



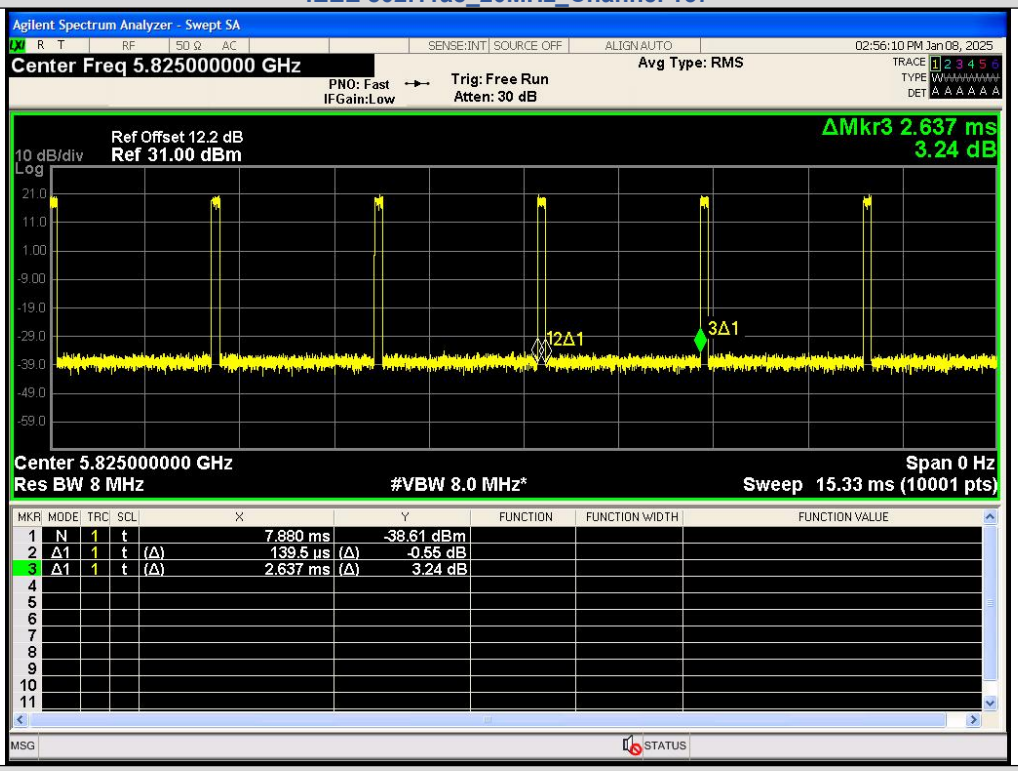
IEEE 802.11n_40MHz_Channel 159



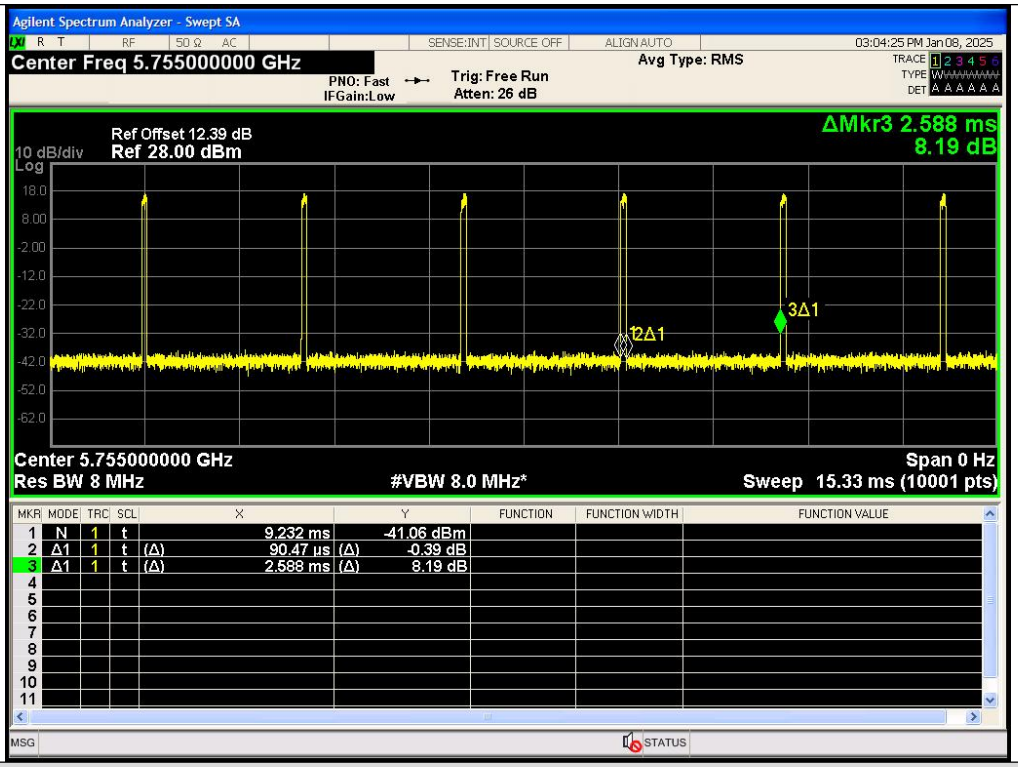
IEEE 802.11ac_20MHz_Channel 149



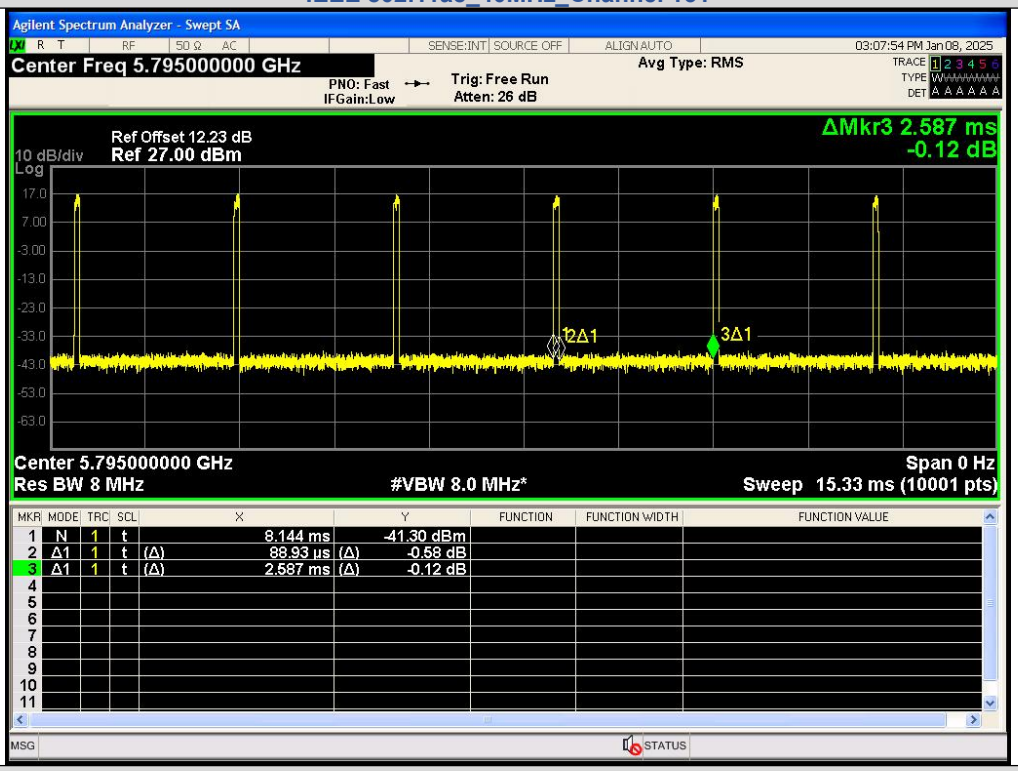
IEEE 802.11ac_20MHz_Channel 157



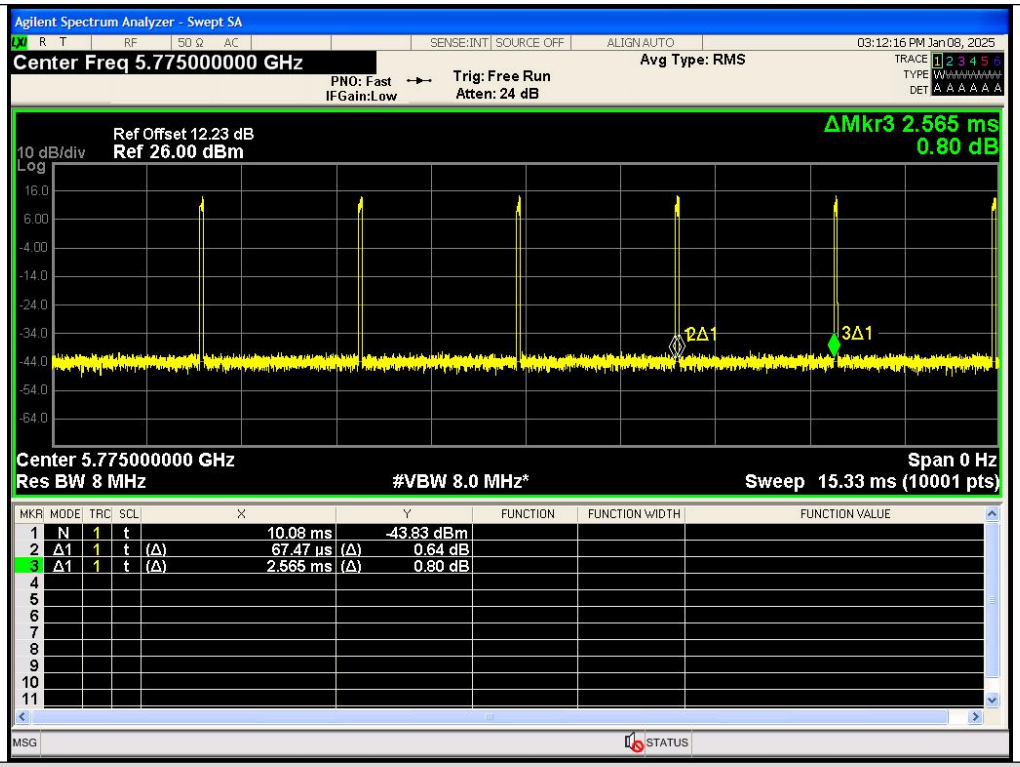
IEEE 802.11ac_20MHz_Channel 165



IEEE 802.11ac_40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



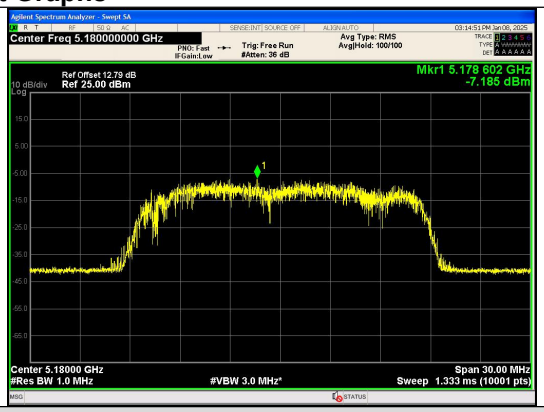
IEEE 802.11ac_80MHz_Channel 155

APPENDIX VIII. Peak Power Spectral Density

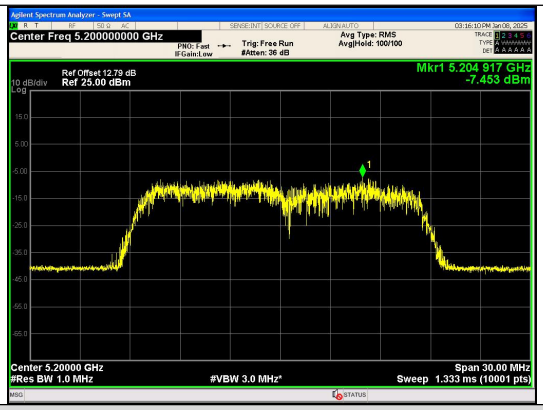
Test Result

Mode	Channel	Ant. 0 Meas PSD (dBm/MHz)	Ant. 0 Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)	Result
IEEE 802.11a	36	-7.185	4.554	11	PASS
	40	-7.453	4.286		PASS
	48	-6.437	5.302		PASS
	52	-2.703	9.036		PASS
	56	-4.094	7.645		PASS
	64	-4.613	7.126		PASS
	100	-4.509	7.23		PASS
	120	-4.121	7.618		PASS
	140	-6.549	5.19		PASS
IEEE 802.11n_20	36	-8.876	3.505		PASS
	40	-8.921	3.46		PASS
	48	-6.971	5.41		PASS
	52	-4.473	7.908		PASS
	56	-5.556	6.825		PASS
	64	-5.363	7.018		PASS
	100	-6.435	5.946		PASS
	120	-5.485	6.896		PASS
	140	-8.638	3.743		PASS
IEEE 802.11n_40	38	-11.584	2.699		PASS
	46	-5.235	9.048		PASS
	54	-7.750	6.533		PASS
	62	-9.529	4.754		PASS
	102	-10.408	3.875		PASS
	118	-9.154	5.129		PASS
	134	-10.949	3.334		PASS
IEEE 802.11ac_20	36	-8.567	4.198		PASS
	40	-8.530	4.235		PASS
	48	-7.247	5.518		PASS
	52	-5.519	7.246		PASS
	56	-4.706	8.059		PASS
	64	-4.813	7.952		PASS
	100	-6.912	5.853		PASS
	120	-6.023	6.742		PASS
	140	-7.655	5.11		PASS
IEEE 802.11ac_40	38	-5.691	8.943		PASS
	46	-5.410	9.224		PASS
	54	-8.798	5.836		PASS
	62	-9.404	5.23		PASS
	102	-11.088	3.546		PASS
	118	-9.118	5.516		PASS
	134	-10.568	4.066		PASS
IEEE 802.11ac_80	42	-9.351	6.449		PASS
	58	-11.944	3.856		PASS
	106	-14.751	1.049		PASS

Test Graphs



IEEE 802.11a_Channel 36_20MHz_Antenna 0



IEEE 802.11a_Channel 40_20MHz_Antenna 0