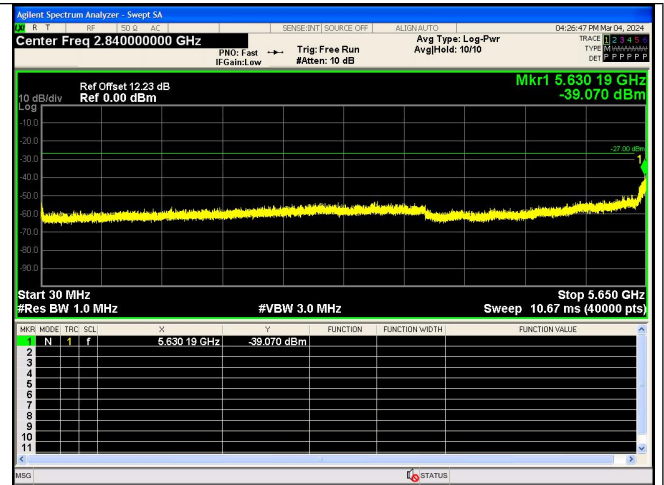
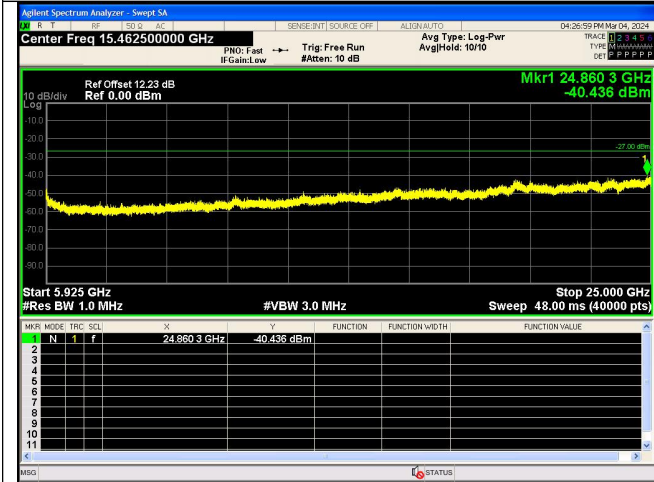


Out Of Band Emission  
IEEE 802.11ac\_Channel 155\_80MHz\_Antenna 0



Spurious Emission:30.0~5650 MHz  
IEEE 802.11ac\_Channel 155\_80MHz\_Antenna 0



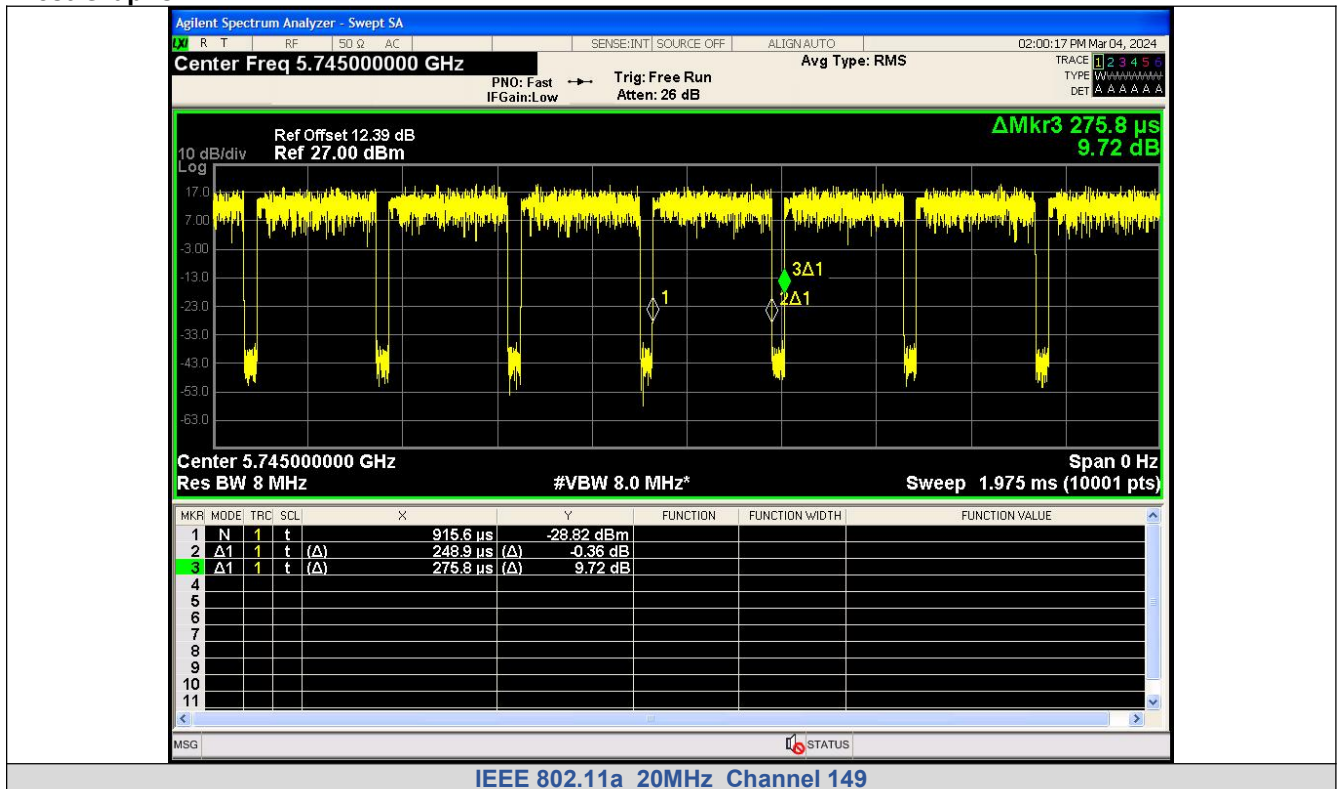
Spurious Emission:5925~25000.0 MHz  
IEEE 802.11ac\_Channel 155\_80MHz\_Antenna 0

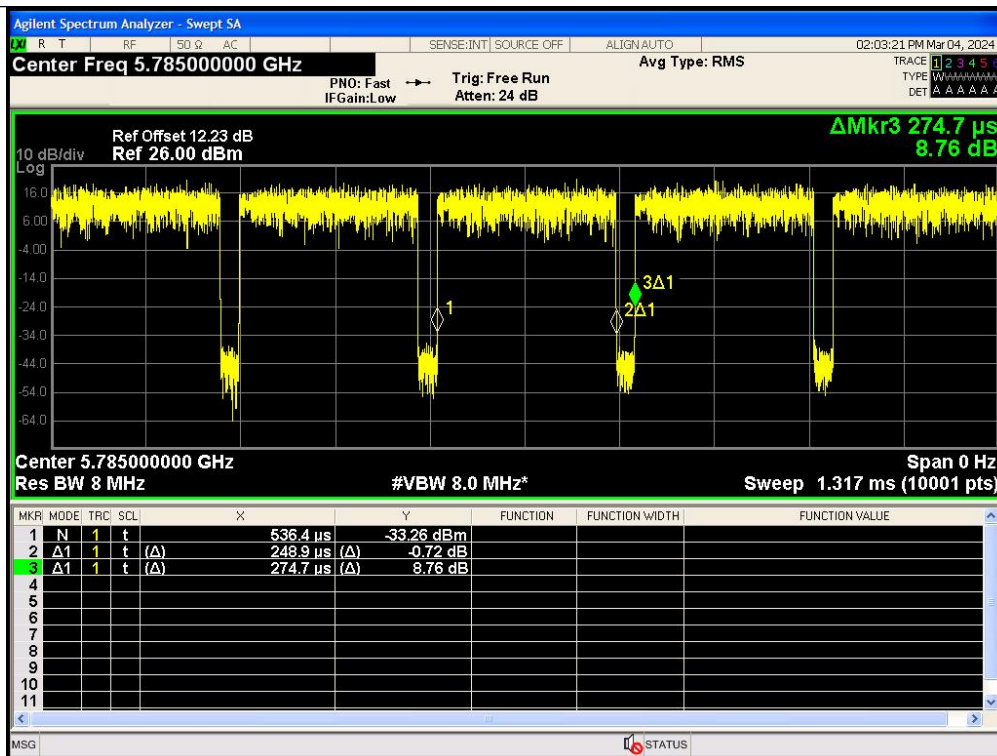
## APPENDIX VII. Duty Cycle

### Antenna 1: Test Result

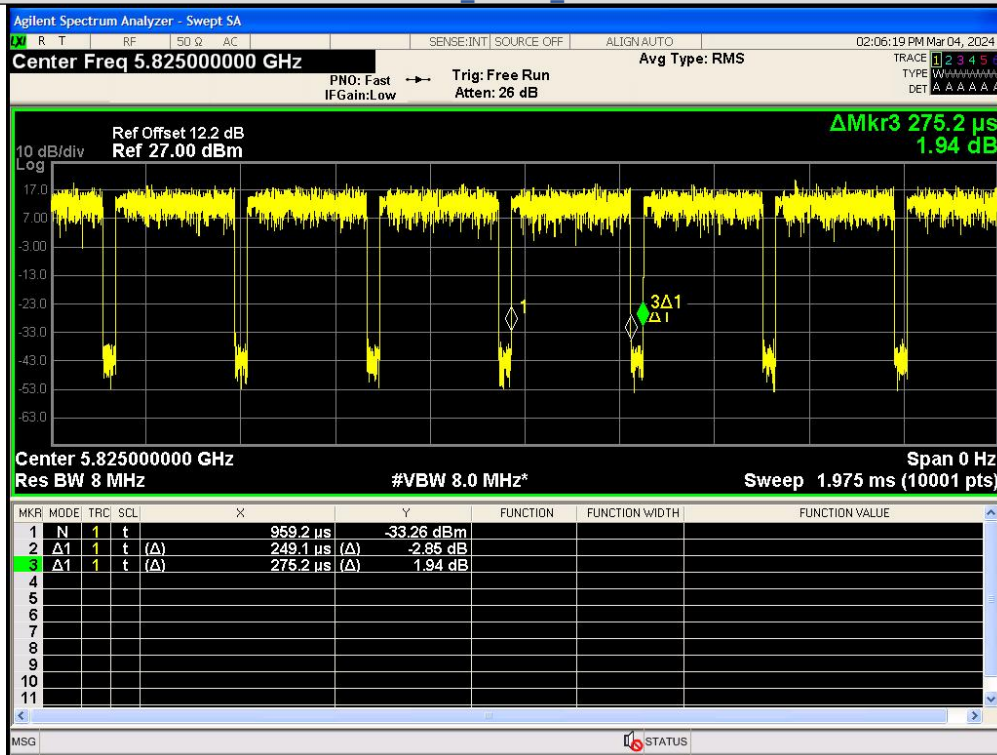
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11a	54	149	1	0.249	0.276	90.26	0.9026	0.445
		157		0.249	0.275	90.60	0.9060	0.4287
		165		0.249	0.275	90.52	0.9052	0.4326
IEEE 802.11n_20	MCS 7	149		0.225	0.251	89.37	0.8937	0.4881
		157		0.225	0.251	89.42	0.8942	0.4857
		165		0.225	0.251	89.42	0.8942	0.4857
IEEE 802.11n_40	MCS 7	151		0.109	0.135	80.69	0.8069	0.9318
		159		0.109	0.136	80.12	0.8012	0.9626
IEEE 802.11ac_20	MCS 7	149		0.225	0.251	89.47	0.8947	0.4832
		157		0.229	0.256	89.50	0.8950	0.4818
		165		0.231	0.255	90.44	0.9044	0.4364
IEEE 802.11ac_40	MCS 7	151		0.133	0.160	83.22	0.8322	0.7977
159		0.134		0.160	83.79	0.8379	0.7681	
IEEE 802.11ac_80	MCS 7	155		0.057	0.084	67.44	0.6744	1.7108

### Test Graphs

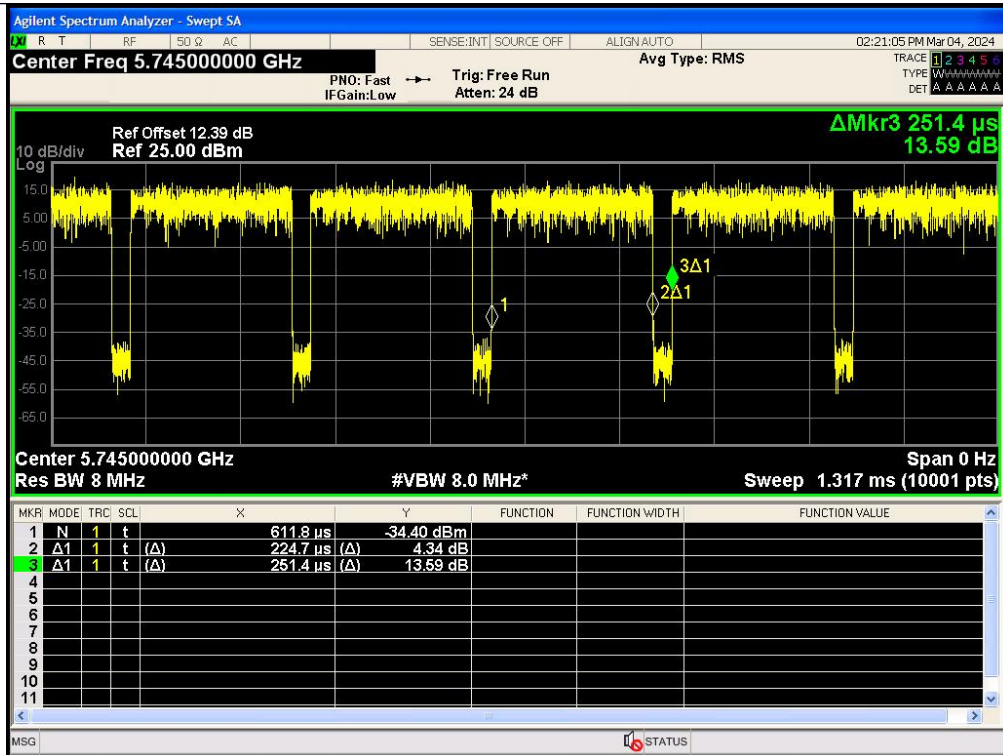




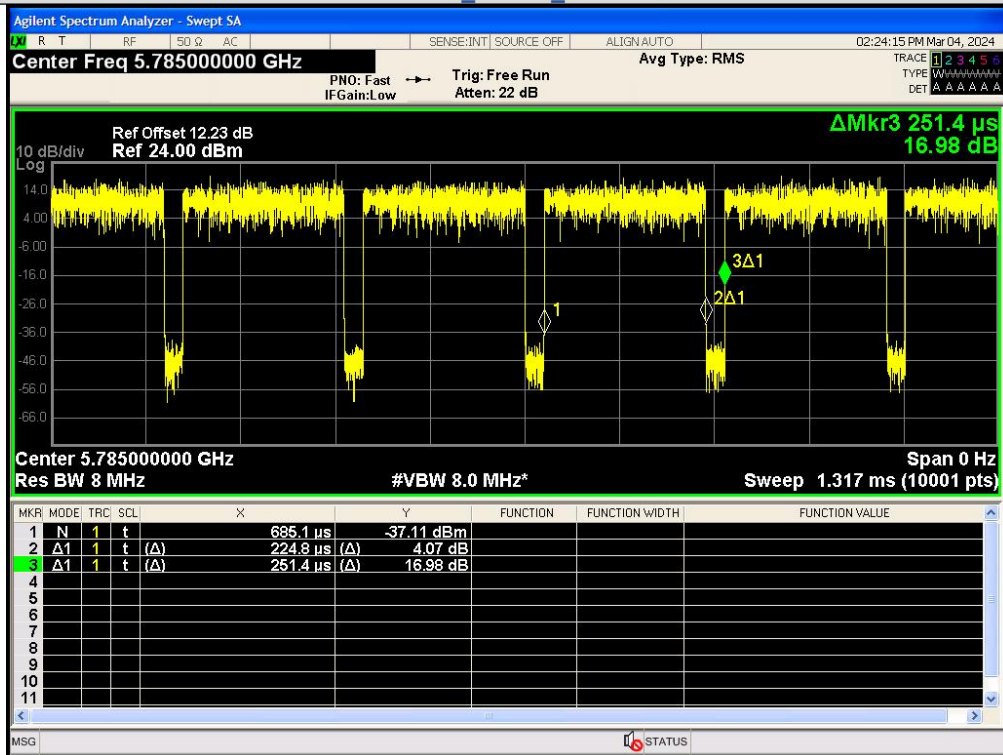
IEEE 802.11a\_20MHz\_Channel 157



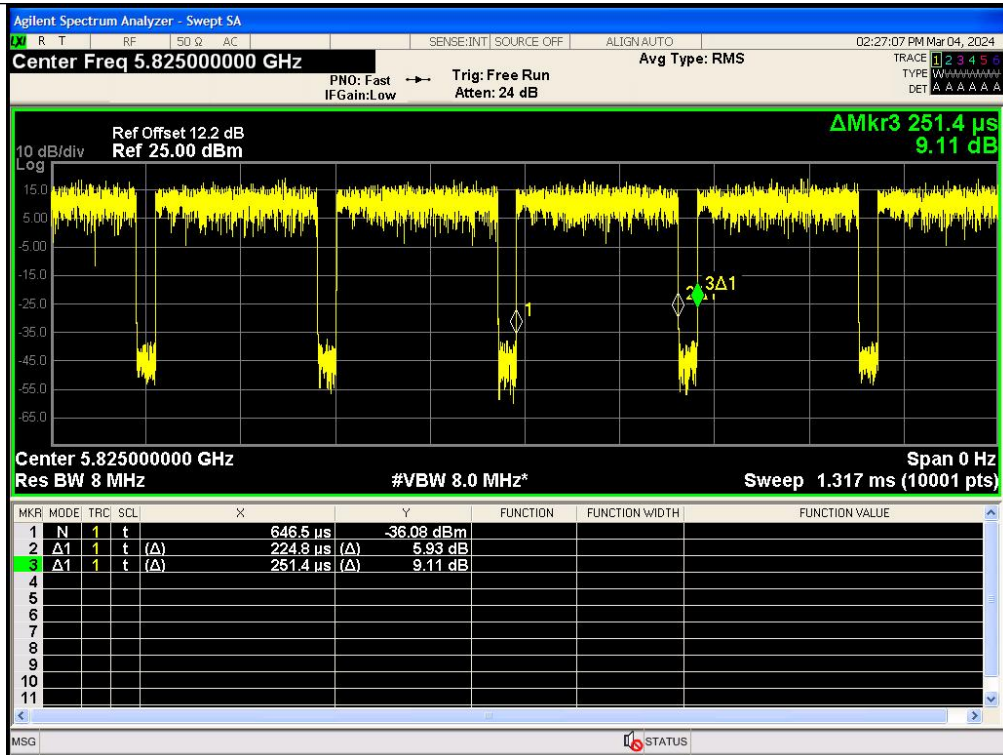
IEEE 802.11a\_20MHz\_Channel 165



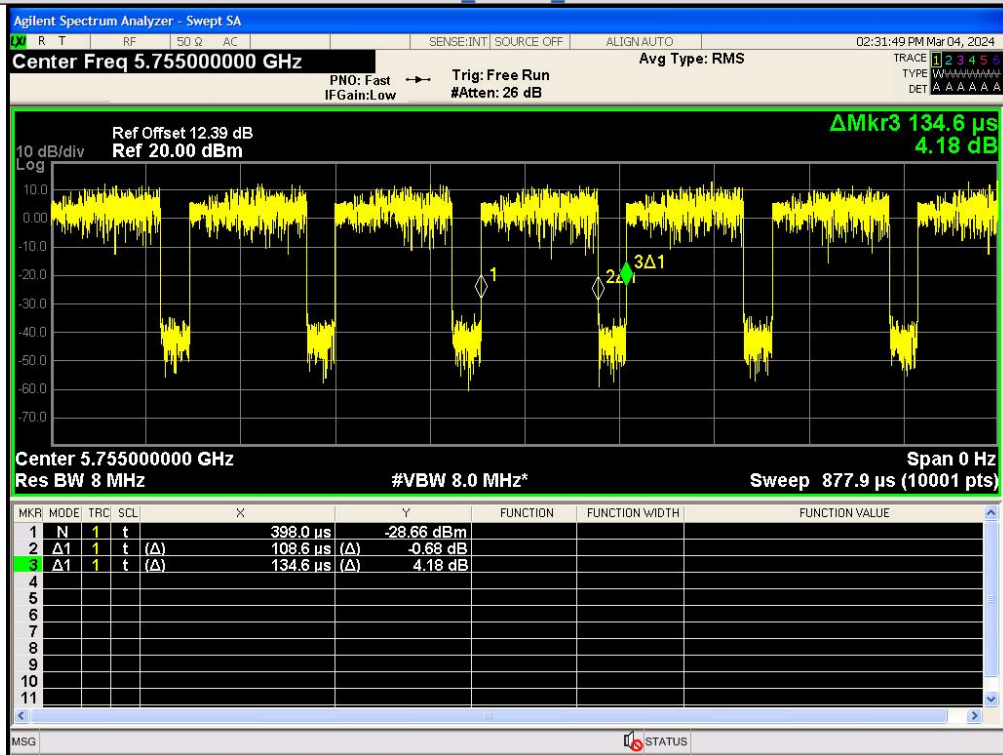
IEEE 802.11n\_20MHz\_Channel 149



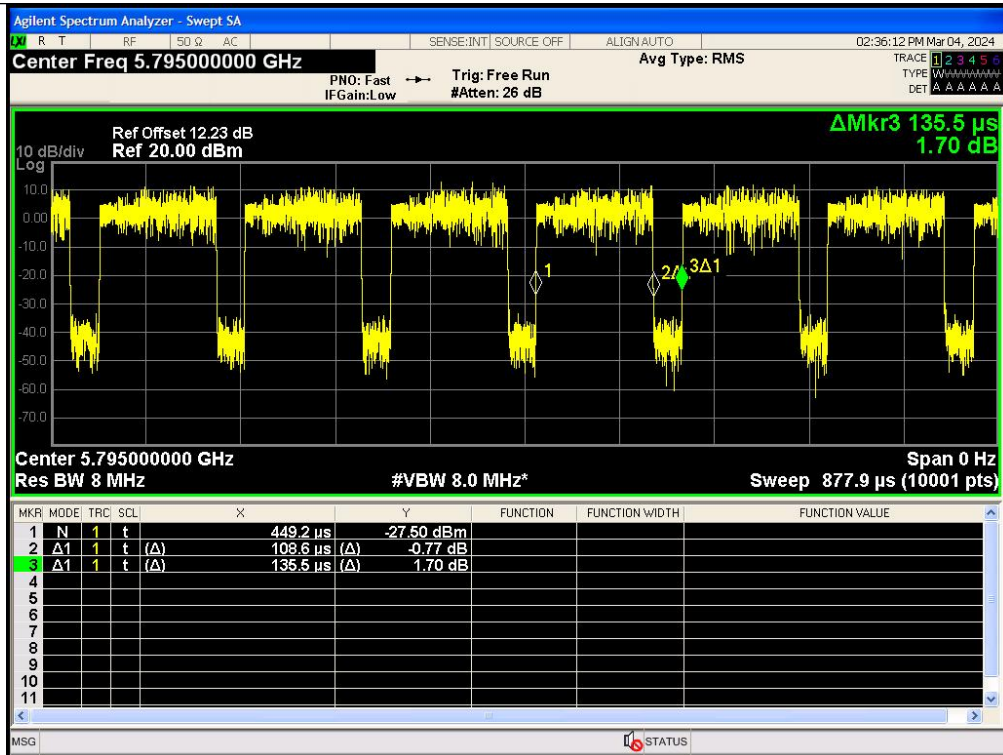
IEEE 802.11n\_20MHz\_Channel 157



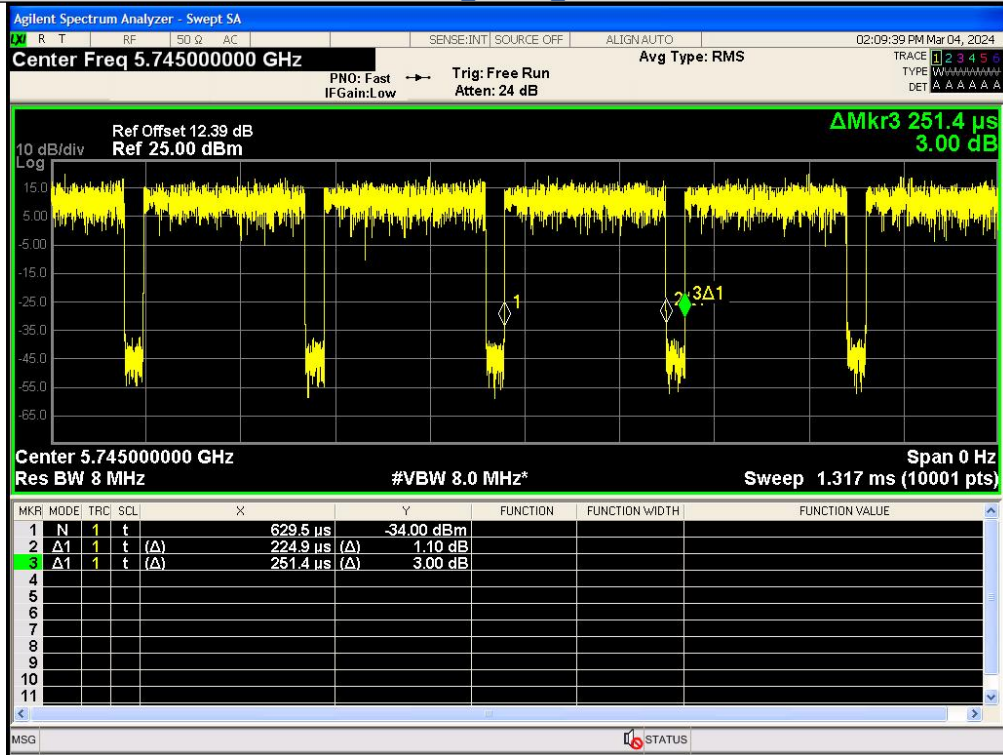
IEEE 802.11n\_20MHz\_Channel 165



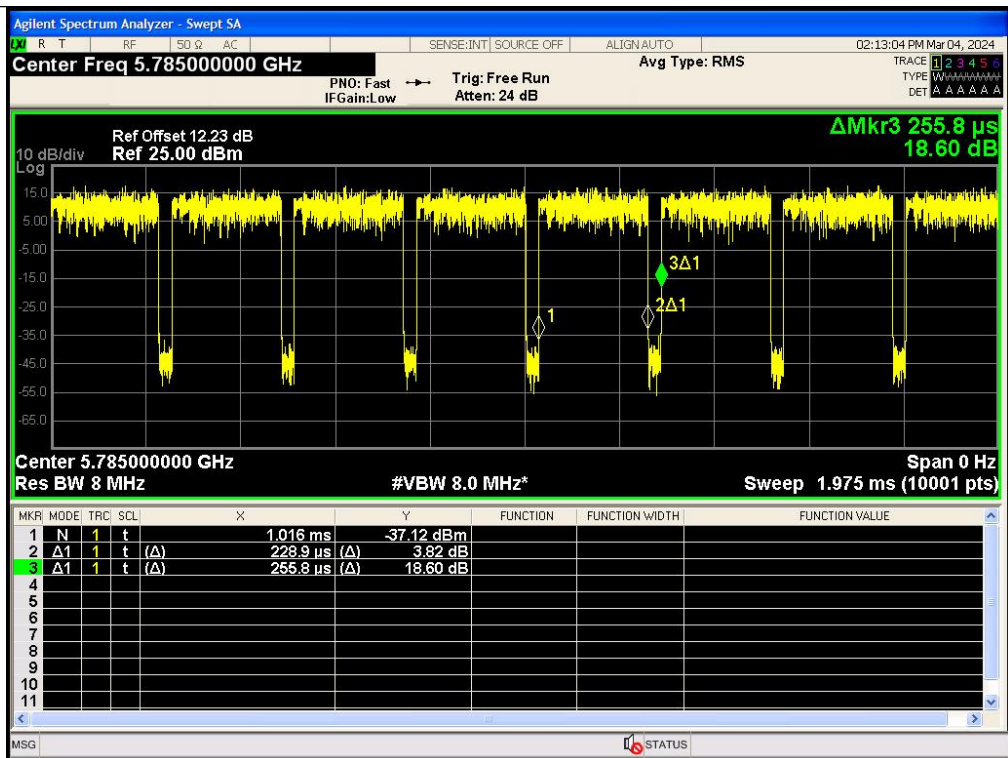
IEEE 802.11n\_40MHz\_Channel 151



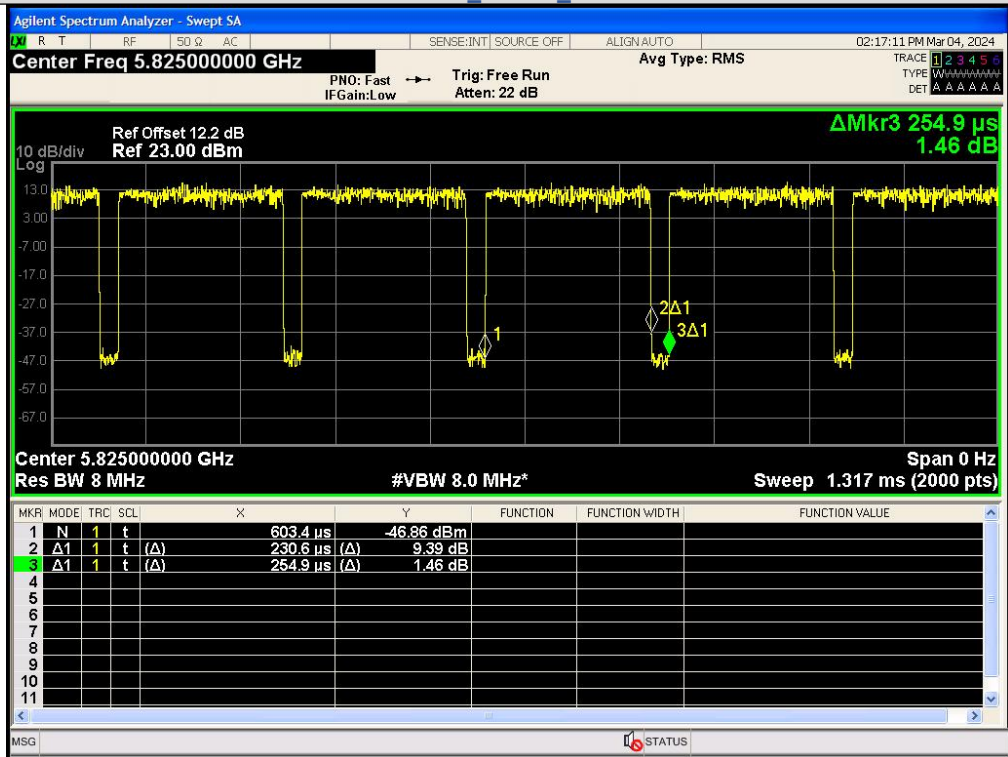
IEEE 802.11n\_40MHz\_Channel 159



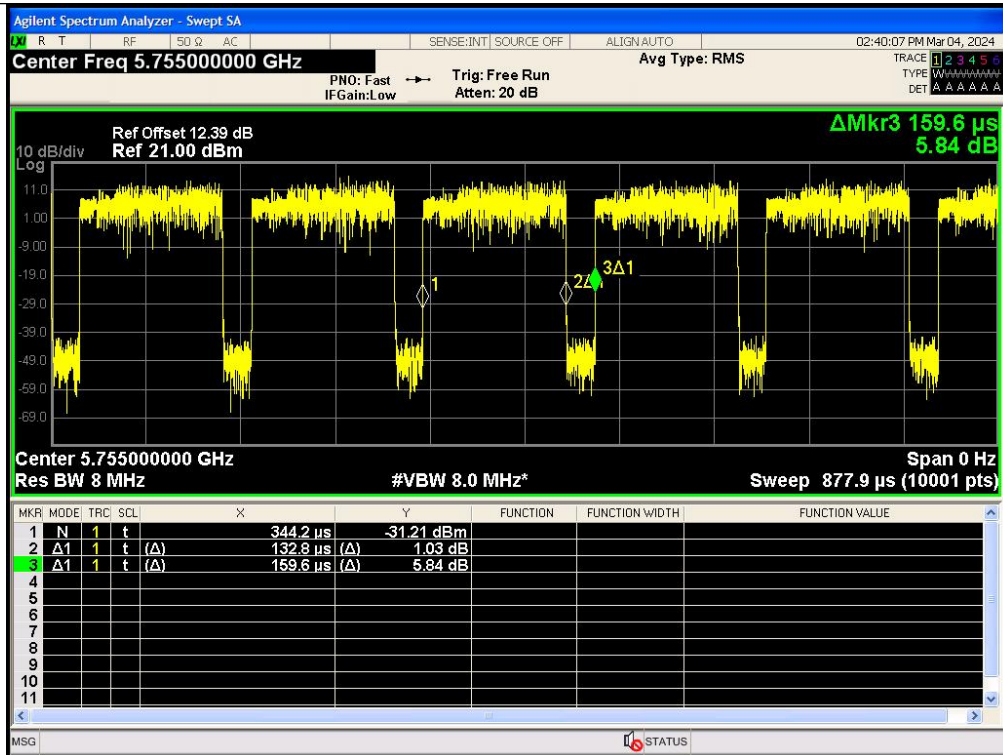
IEEE 802.11ac\_20MHz\_Channel 149



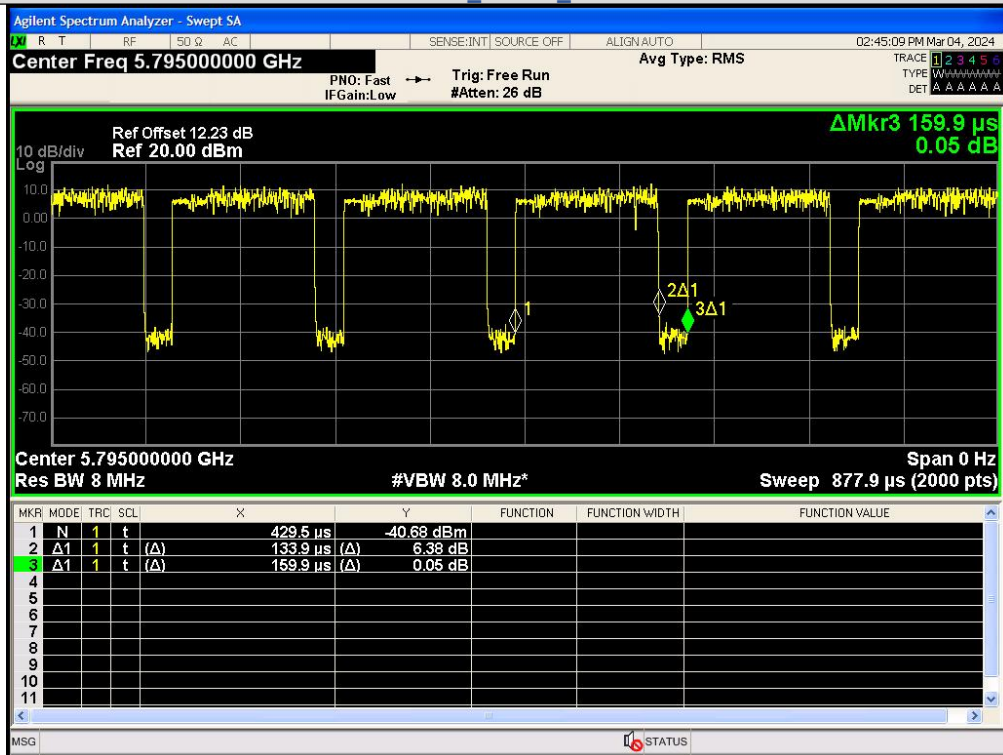
IEEE 802.11ac 20MHz Channel 157



IEEE 802.11ac 20MHz Channel 165

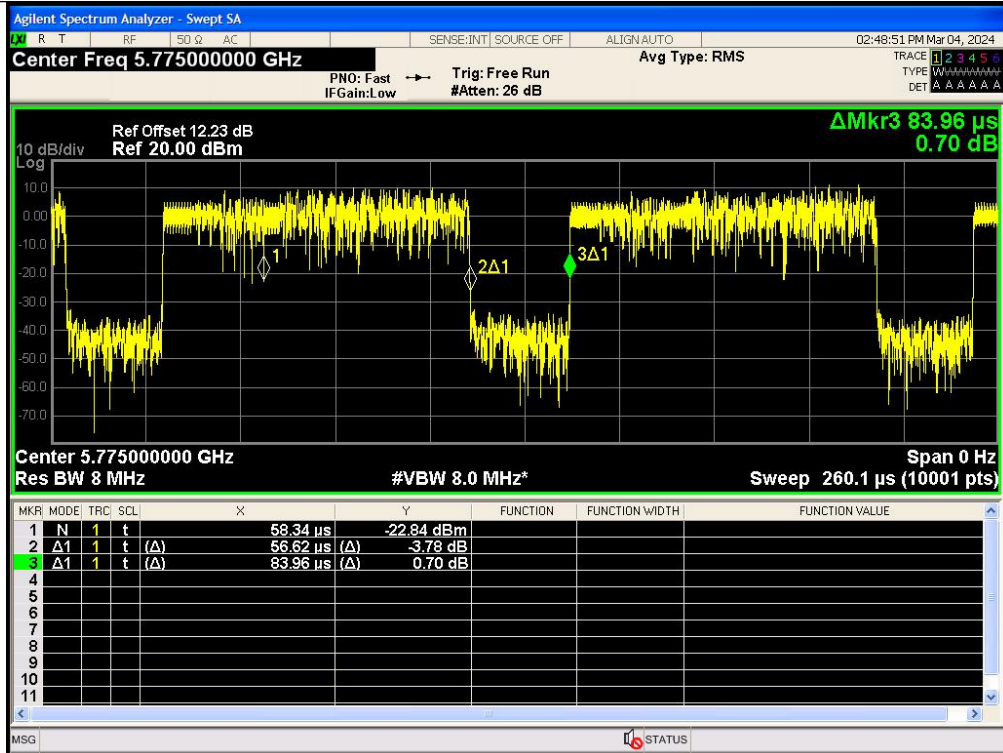


IEEE 802.11ac\_40MHz\_Channel 151



IEEE 802.11ac\_40MHz\_Channel 159



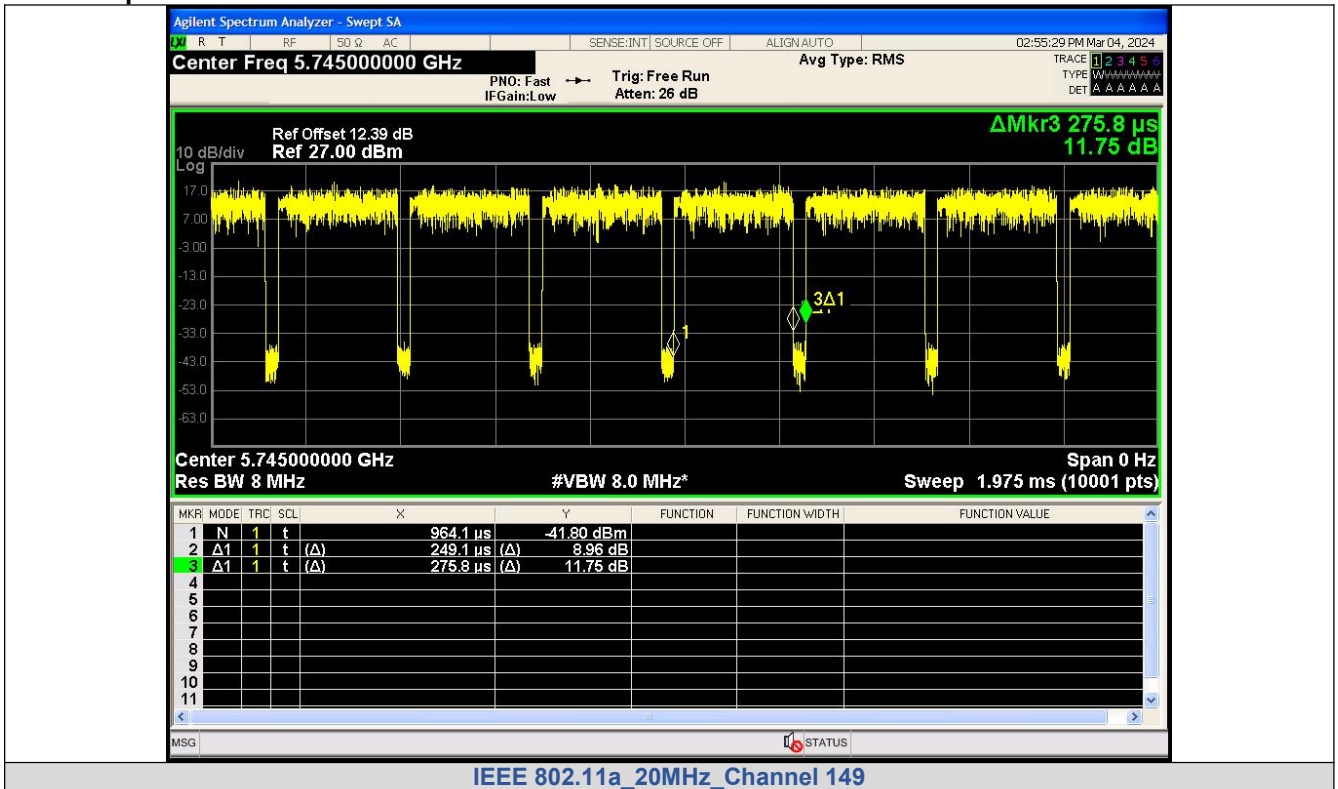


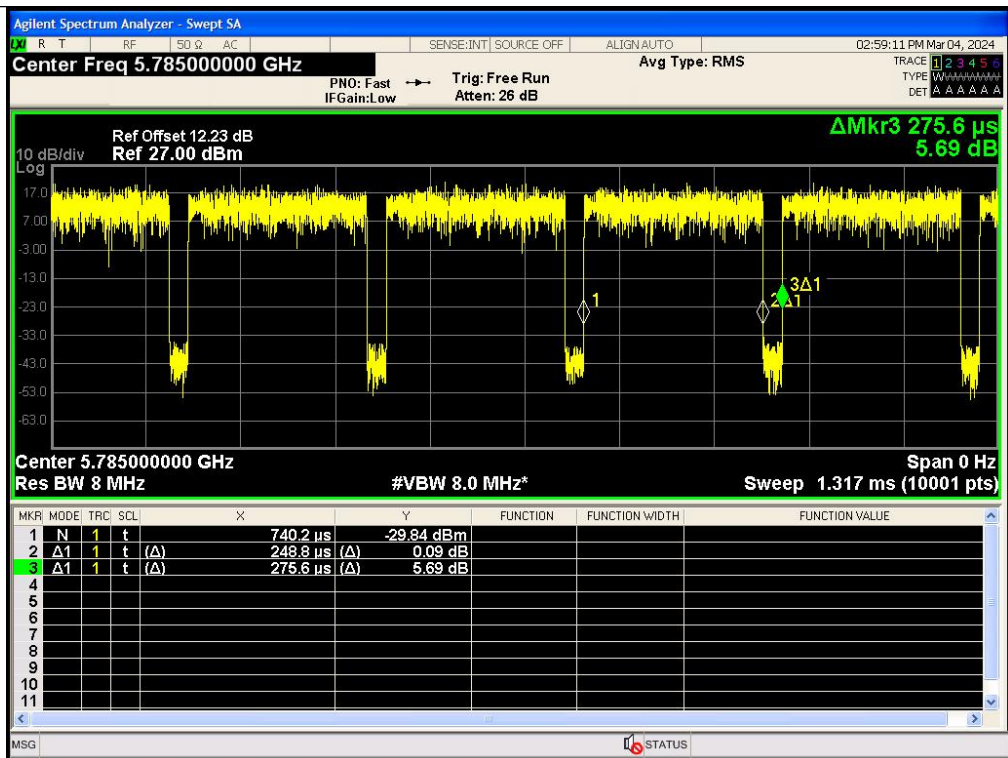
IEEE 802.11ac\_80MHz\_Channel 155

**Antenna 2:  
Test Result**

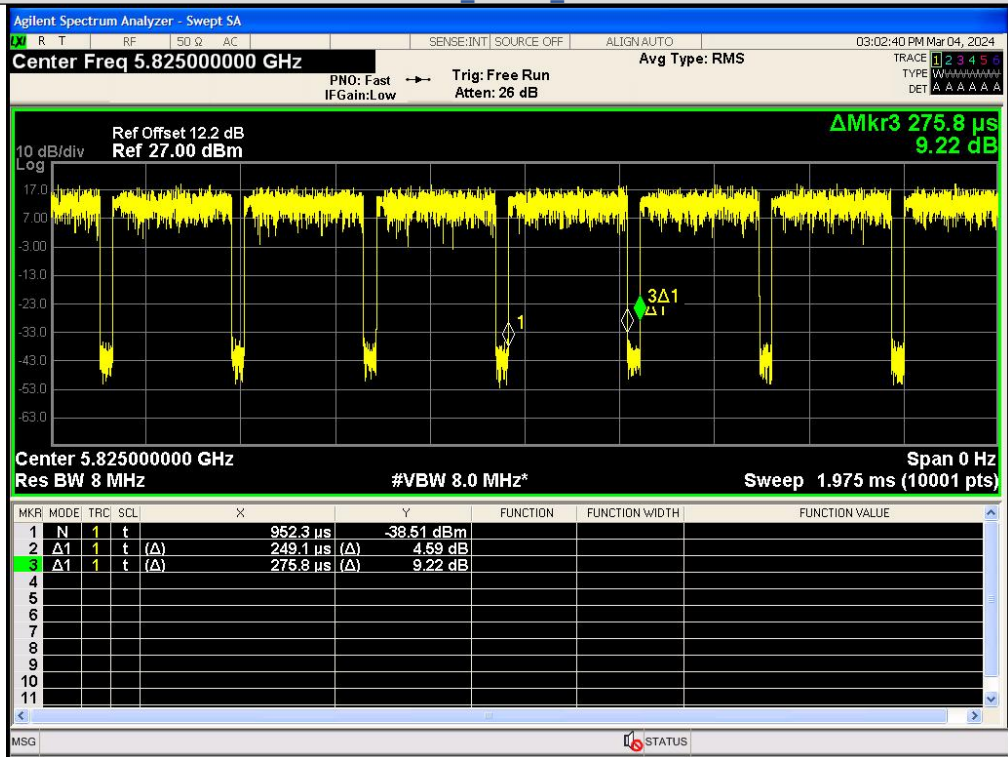
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11a	54	149	1	0.249	0.276	90.33	0.9033	0.4417
		157		0.249	0.276	90.25	0.9025	0.4455
		165		0.249	0.276	90.33	0.9033	0.4417
IEEE 802.11n_20	MCS 7	149		0.229	0.255	89.86	0.8986	0.4643
		157		0.229	0.255	89.78	0.8978	0.4682
		165		0.229	0.255	89.81	0.8981	0.4668
IEEE 802.11n_40		151		0.129	0.155	82.88	0.8288	0.8155
		159		0.129	0.155	82.88	0.8288	0.8155
		IEEE 802.11ac_20		149	0.225	0.250	89.75	0.8975
157				0.227	0.252	90.08	0.9008	0.4537
165				0.227	0.252	90.05	0.9005	0.4552
IEEE 802.11ac_40		151		0.133	0.159	83.72	0.8372	0.7717
	159	0.134		0.160	83.56	0.8356	0.78	
IEEE 802.11ac_80		155		0.086	0.111	77.25	0.7725	1.121

**Test Graphs**

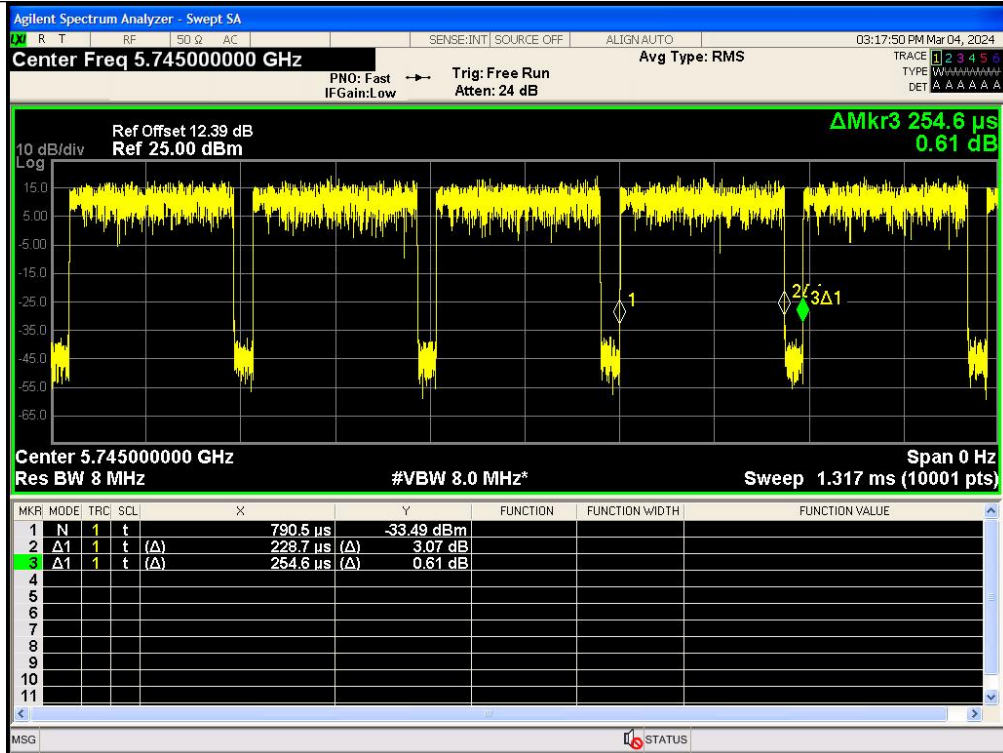




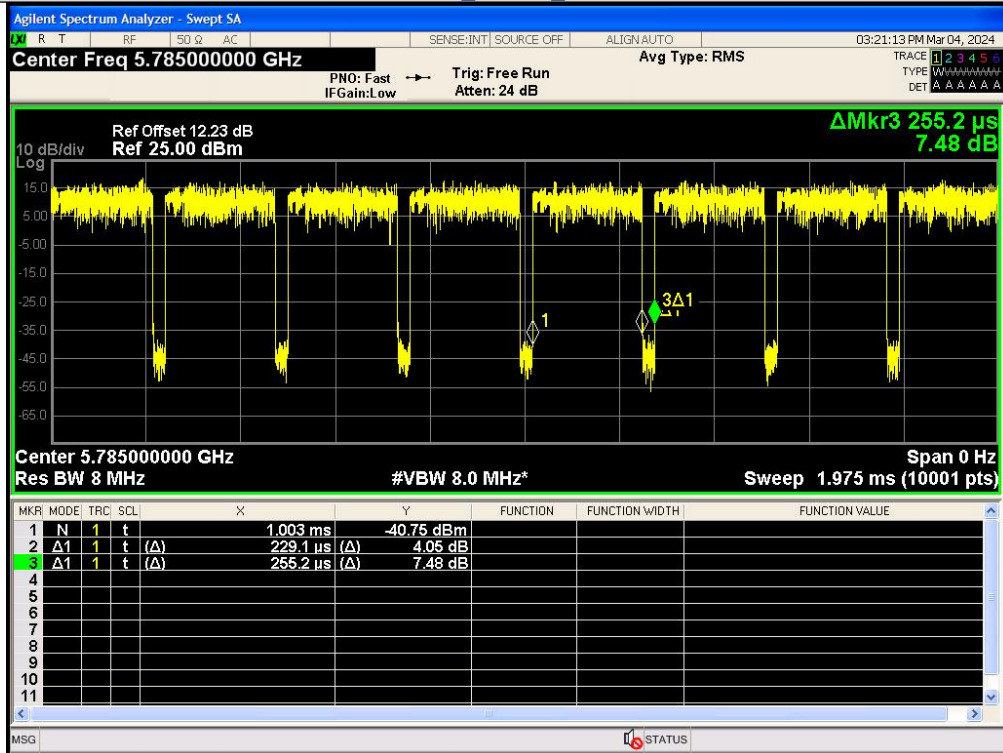
IEEE 802.11a\_20MHz\_Channel 157



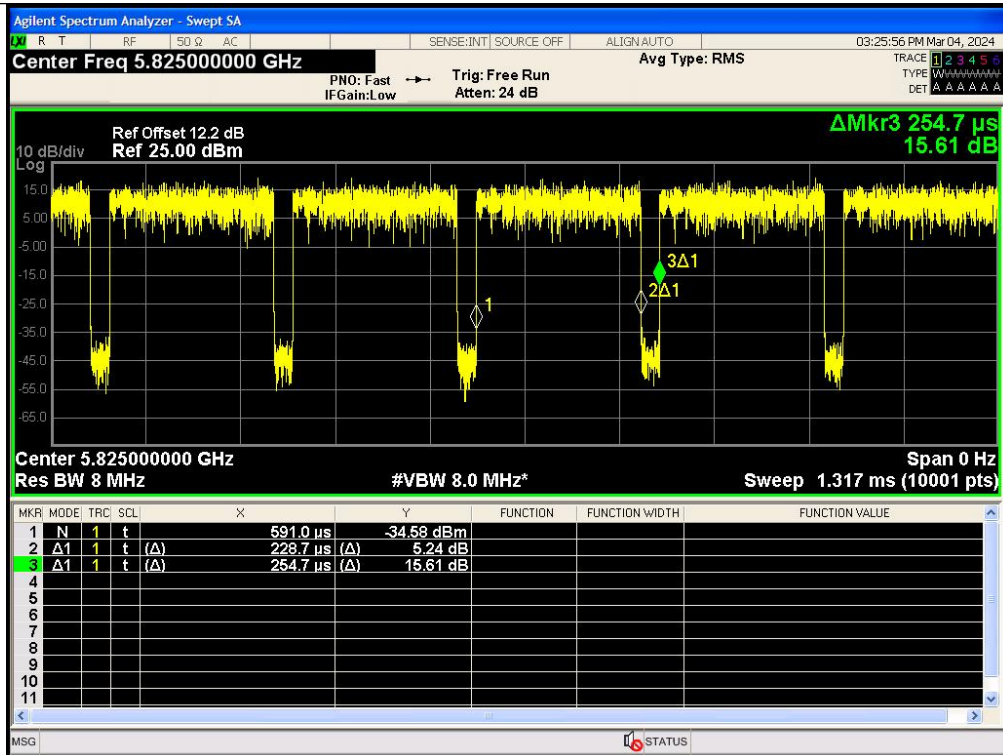
IEEE 802.11a\_20MHz\_Channel 165



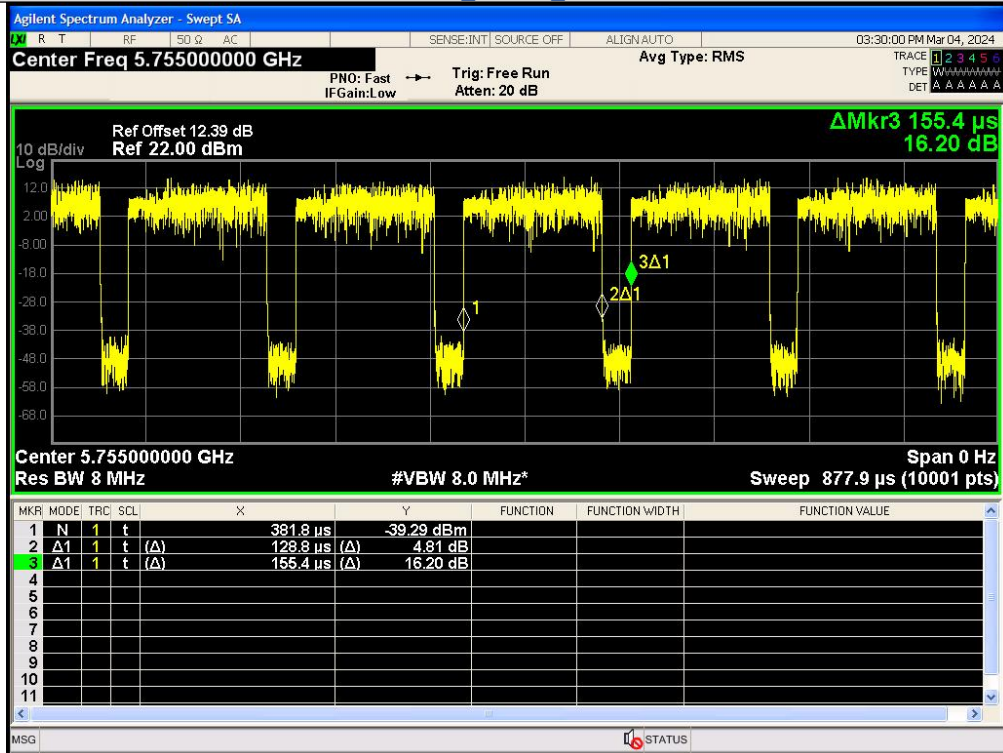
IEEE 802.11n 20MHz Channel 149



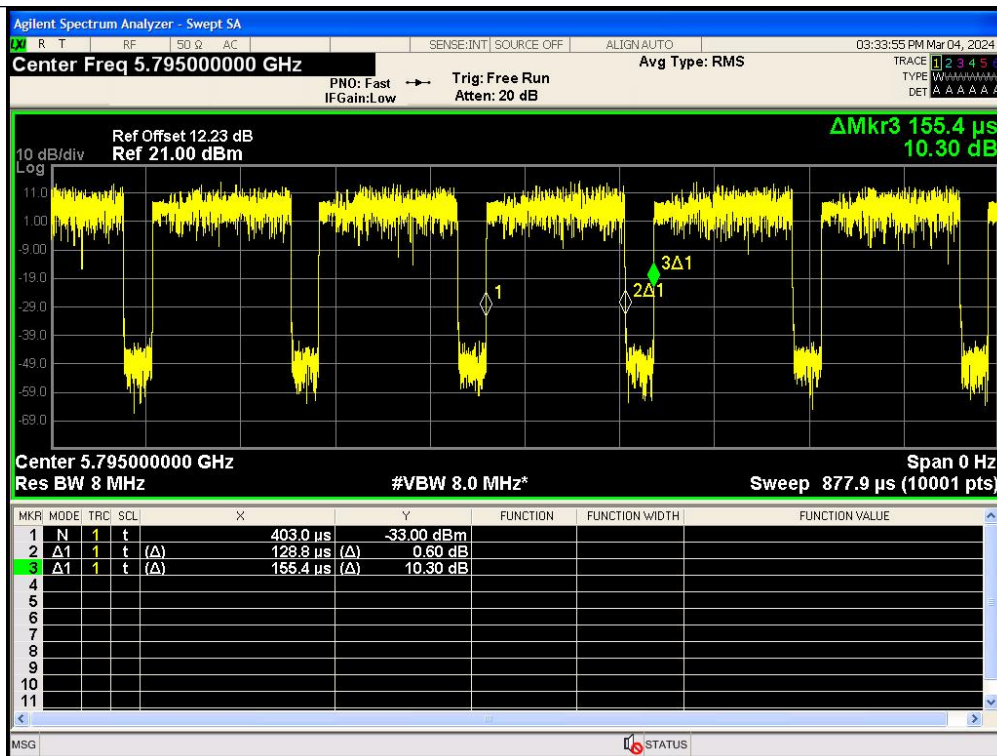
IEEE 802.11n 20MHz Channel 157



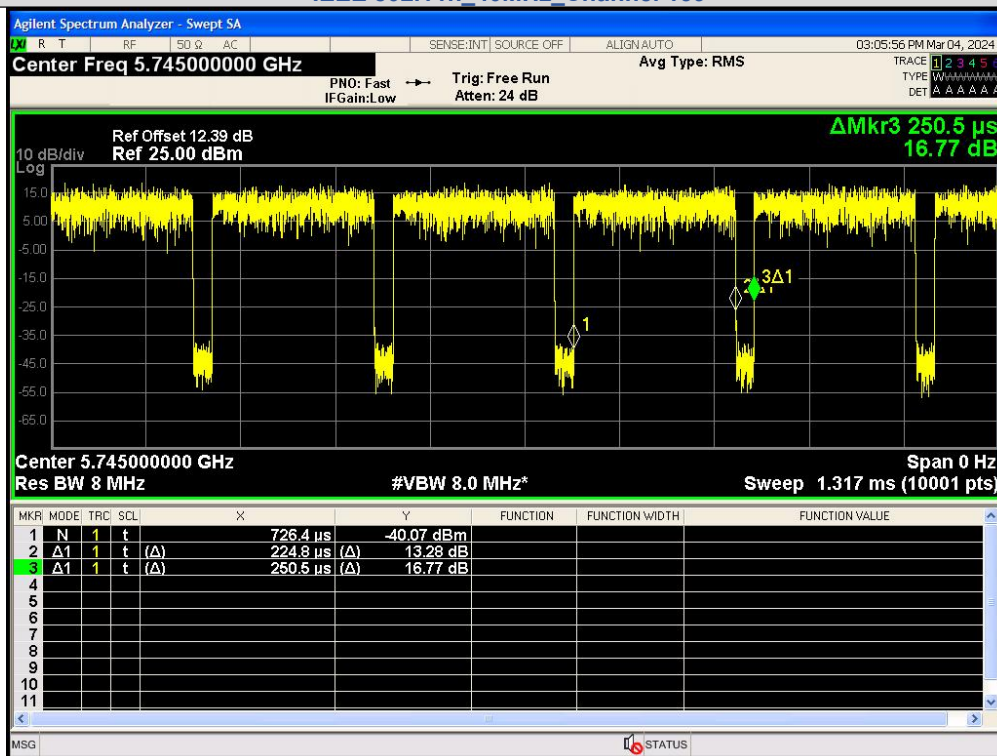
IEEE 802.11n\_20MHz\_Channel 165



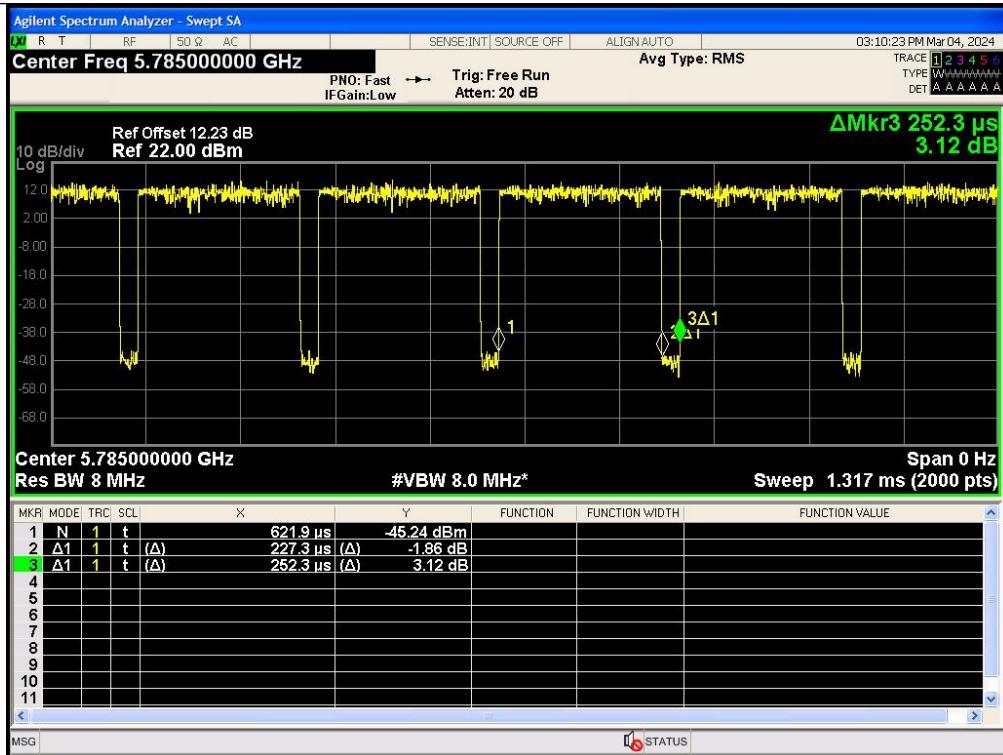
IEEE 802.11n\_40MHz\_Channel 151



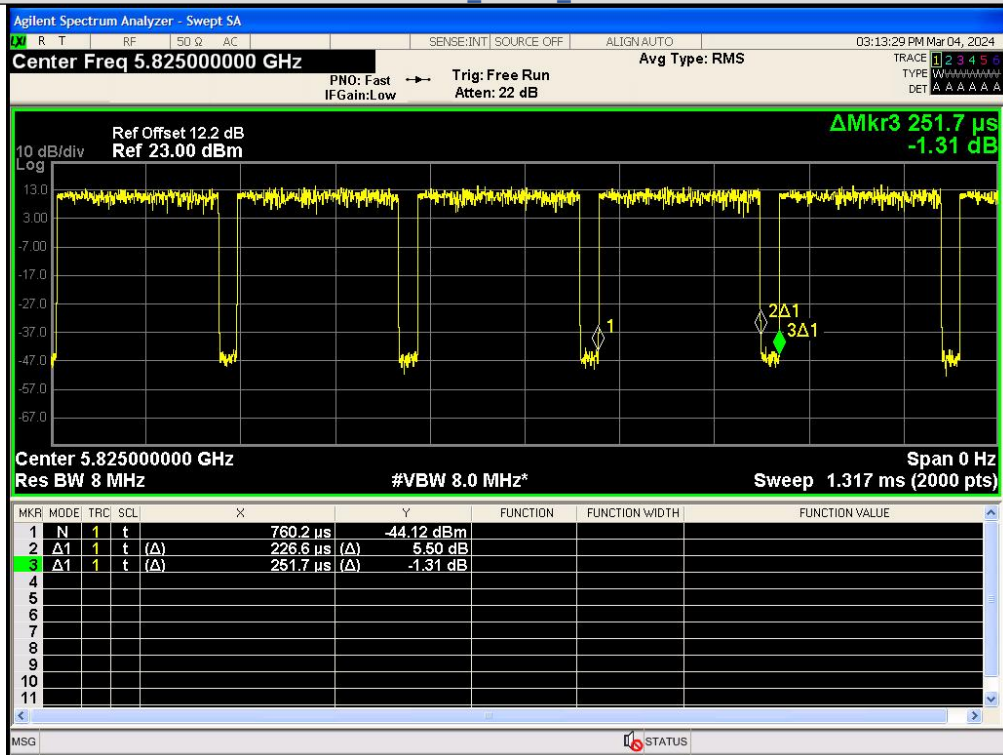
IEEE 802.11n\_40MHz\_Channel 159



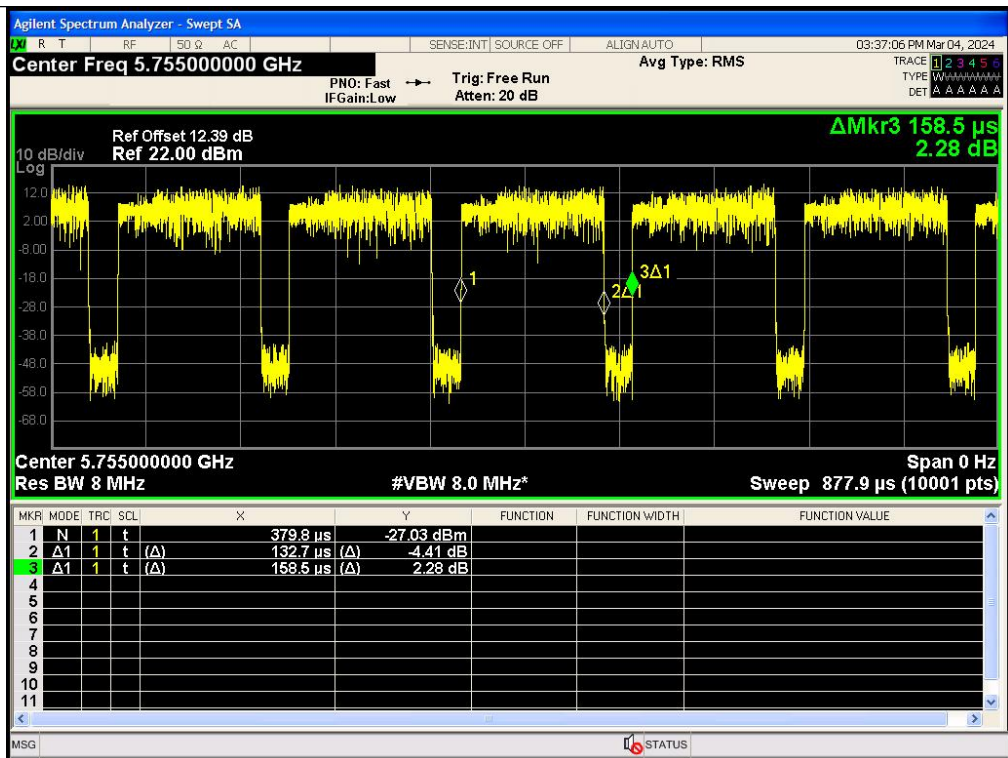
IEEE 802.11ac\_20MHz\_Channel 149



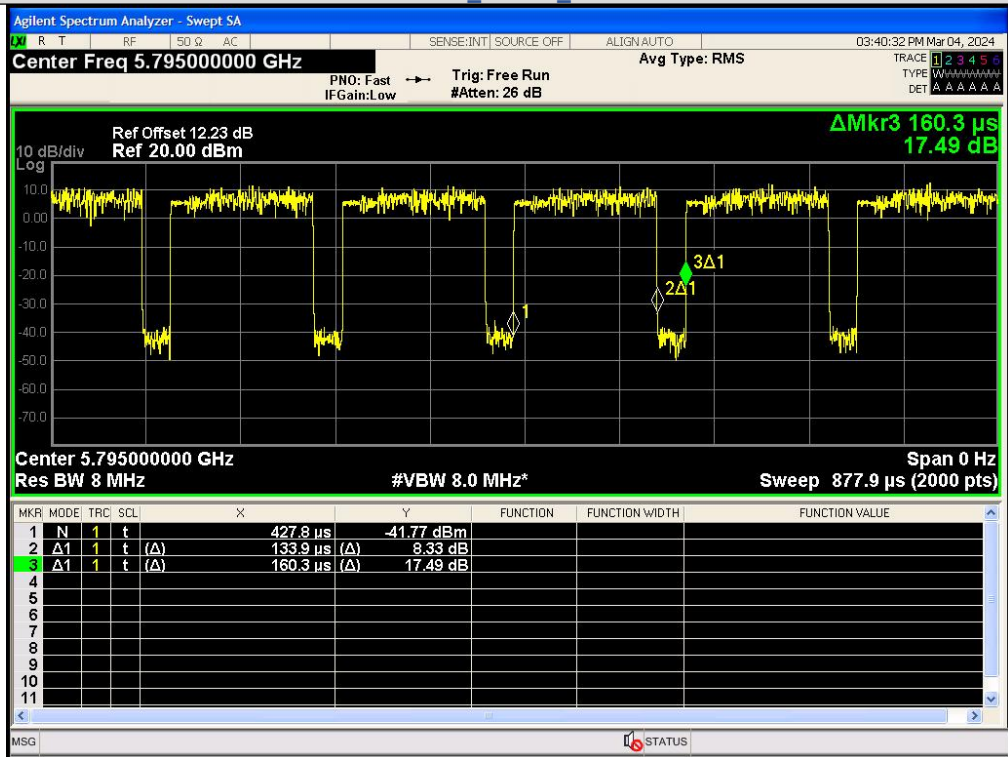
IEEE 802.11ac 20MHz Channel 157



IEEE 802.11ac 20MHz Channel 165

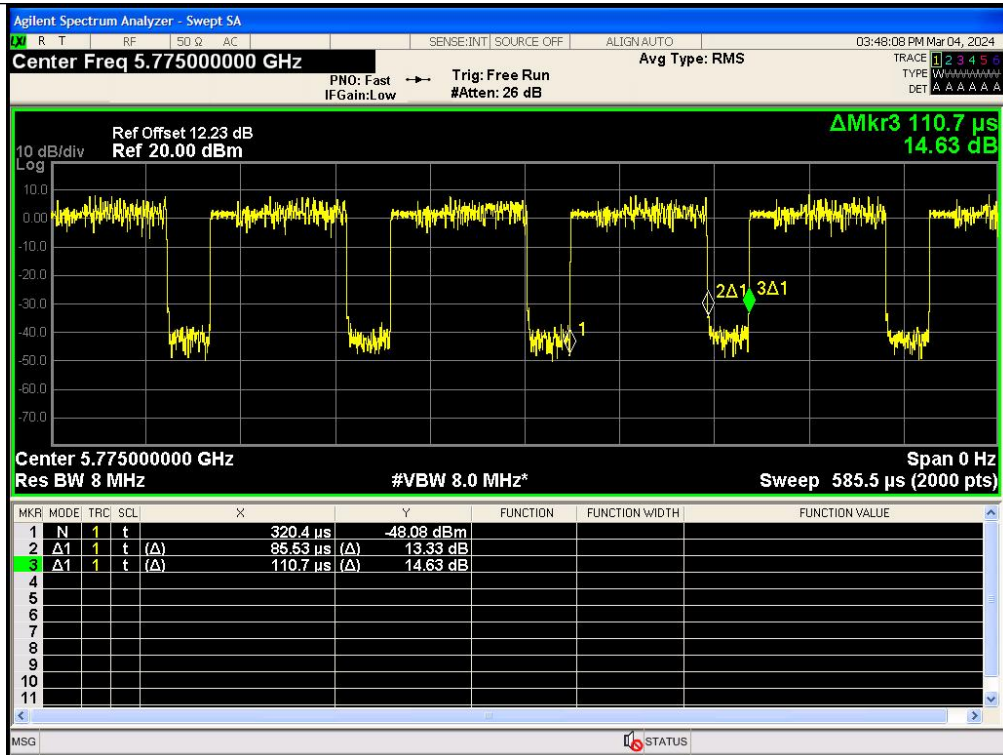


IEEE 802.11ac\_40MHz\_Channel 151



IEEE 802.11ac\_40MHz\_Channel 159





IEEE 802.11ac\_80MHz\_Channel 155