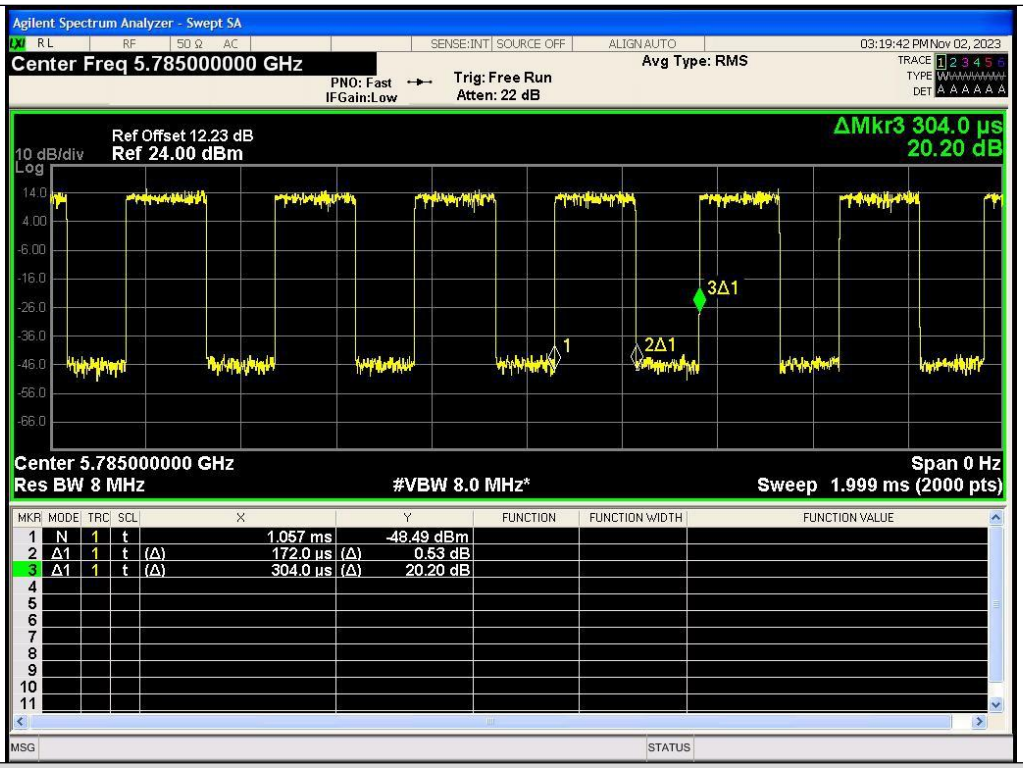
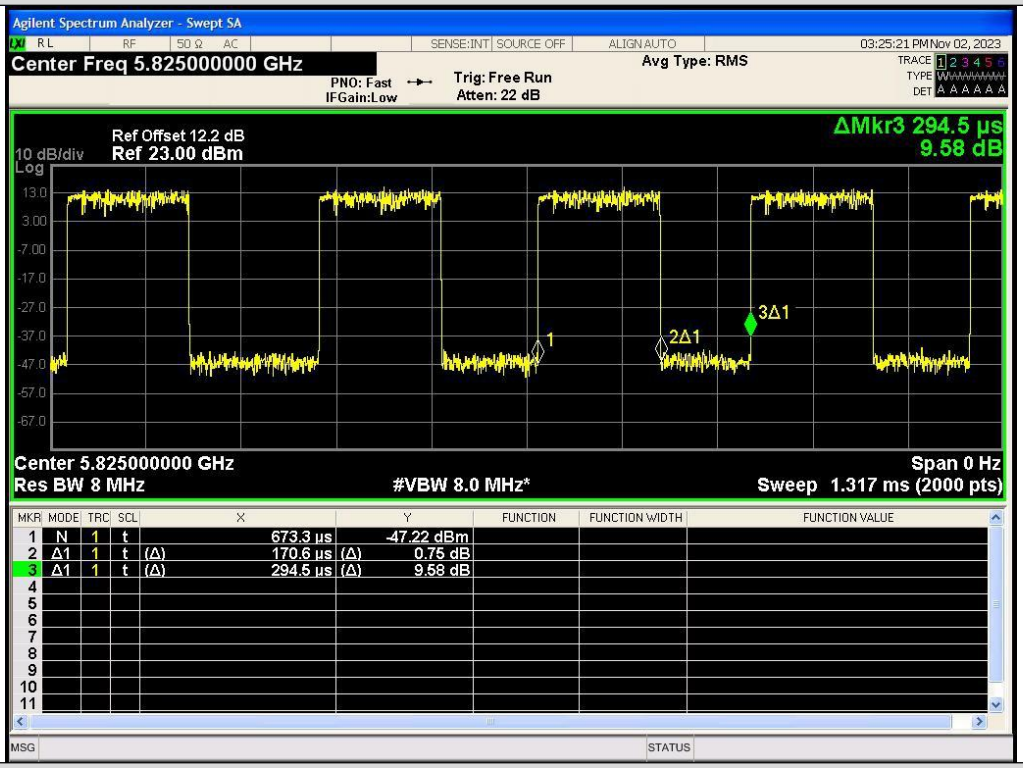
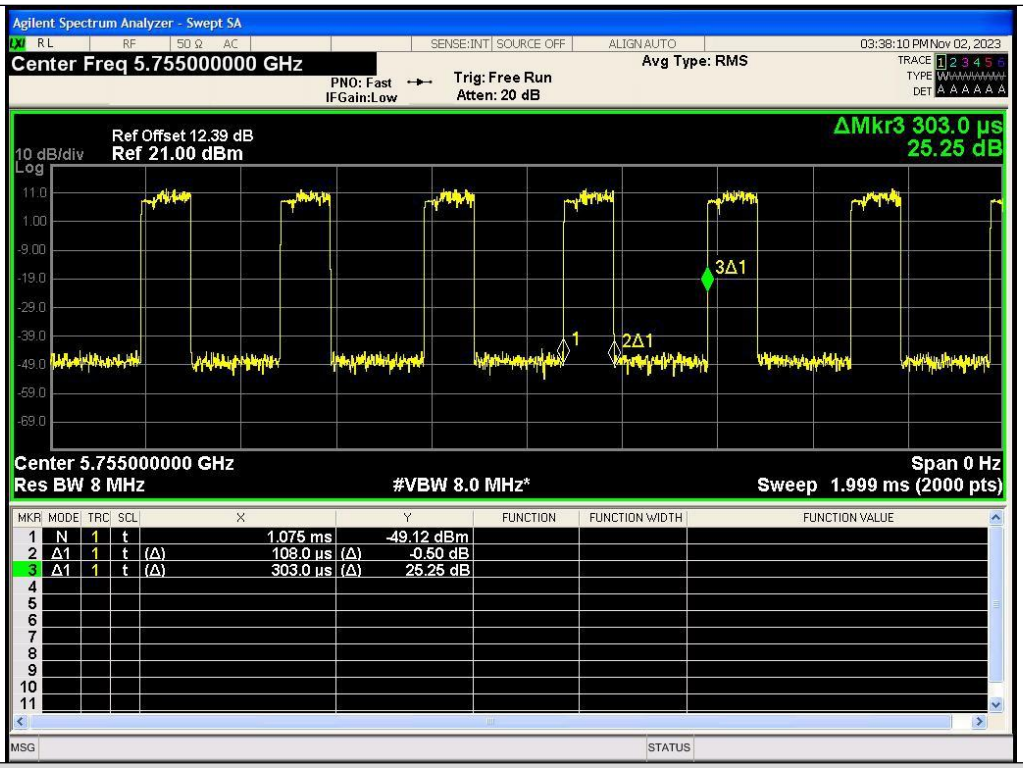


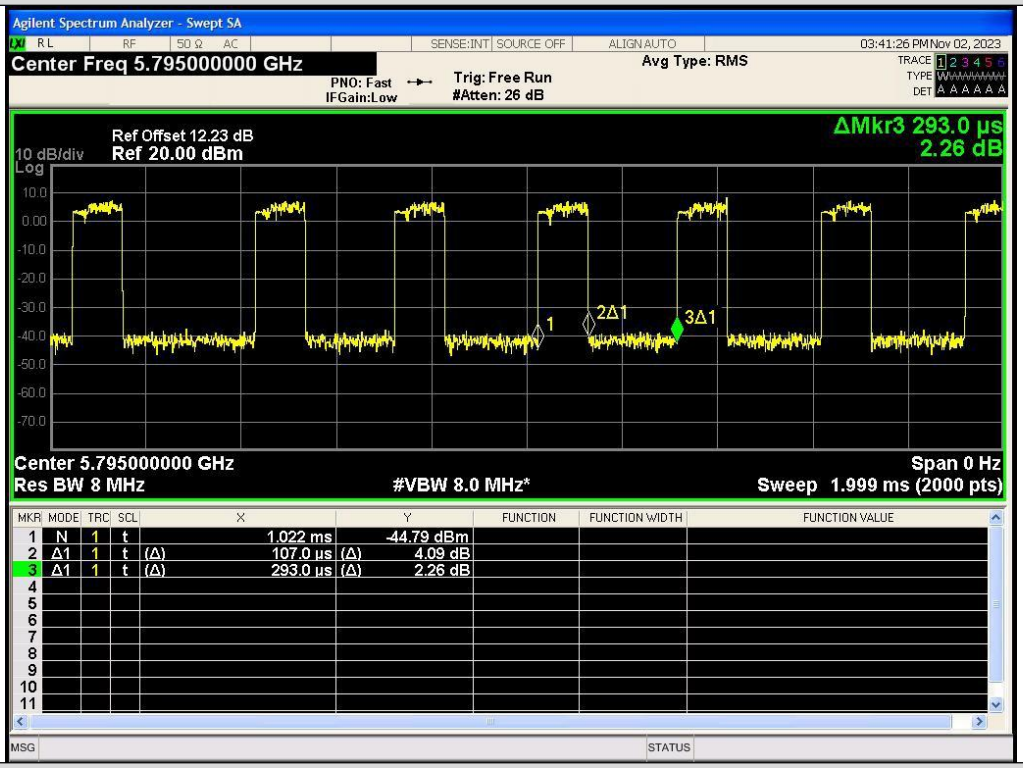
IEEE 802.11ac_20MHz_Channel 157



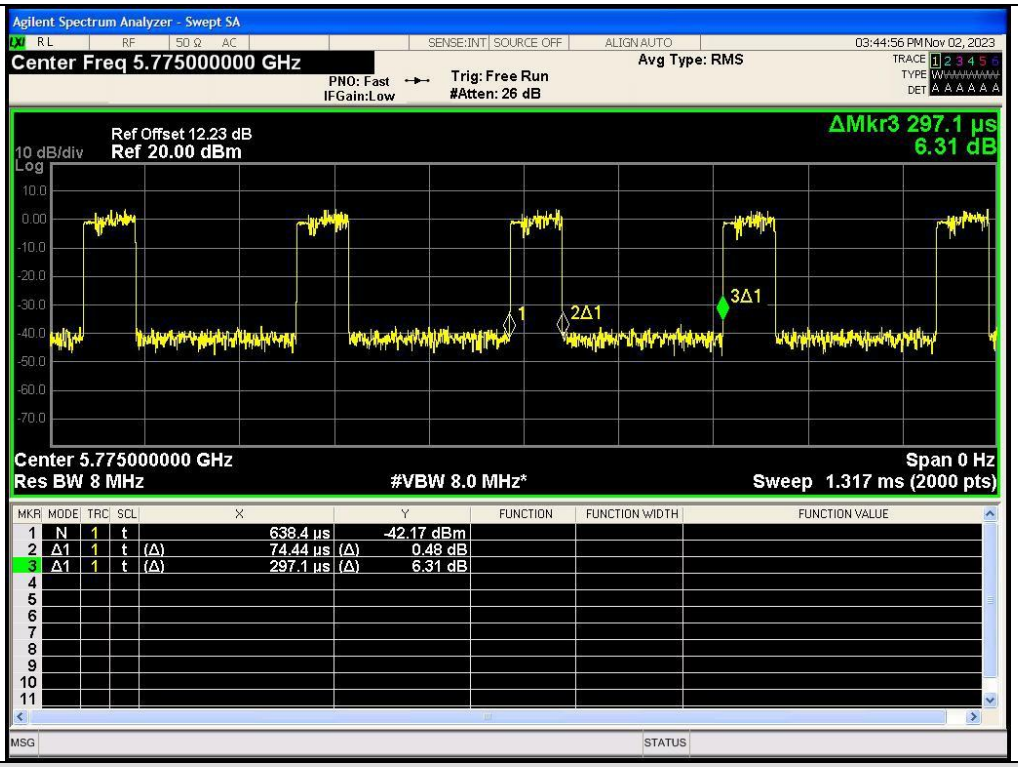
IEEE 802.11ac_20MHz_Channel 165



IEEE 802.11ac_40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



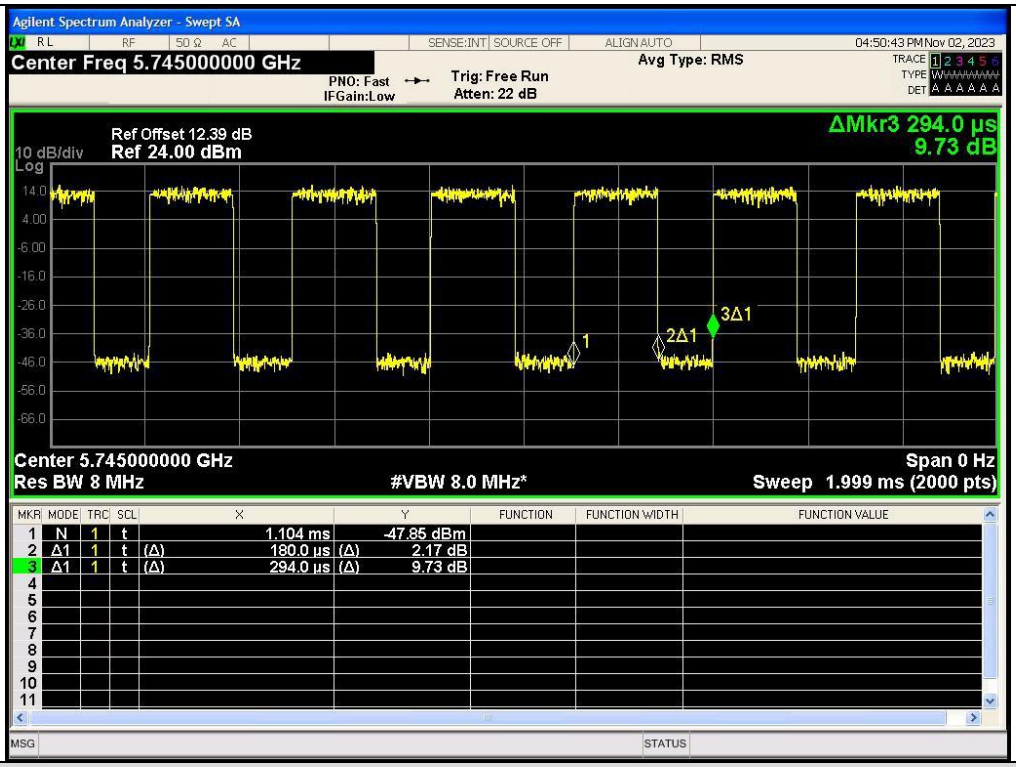
IEEE 802.11ac_80MHz_Channel 155

Antenna 2:

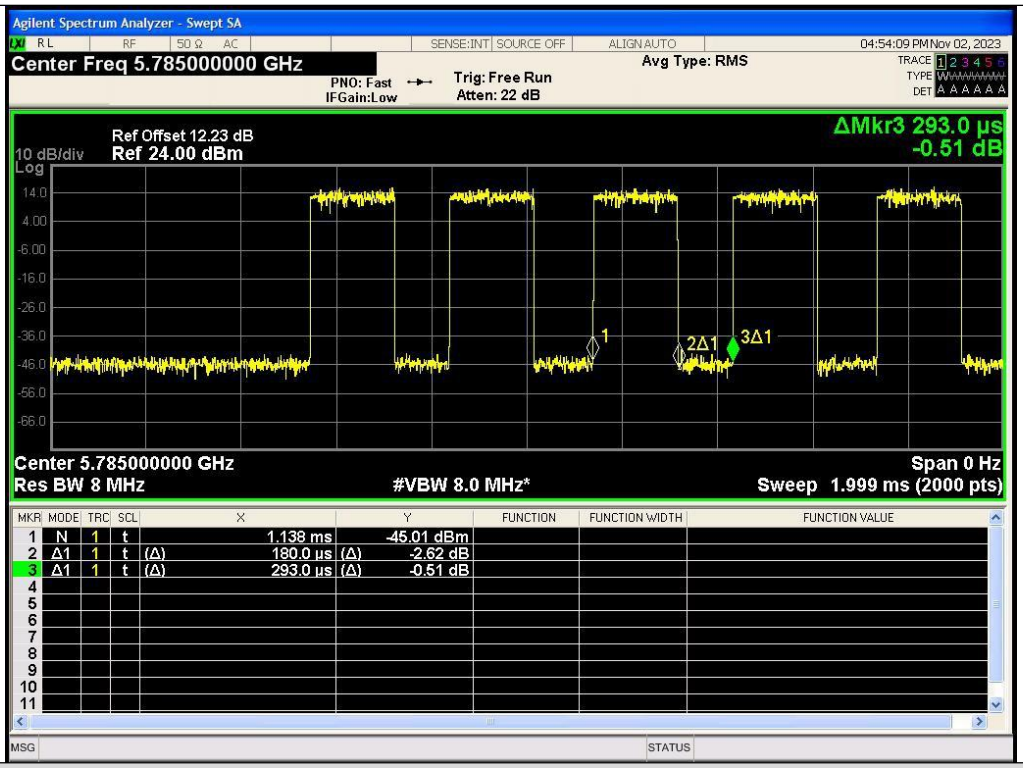
Test Result

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11a	54	149	2	0.180	0.294	61.22	0.6122	2.1311
		157		0.180	0.293	61.43	0.6143	2.1162
		165		0.180	0.302	59.60	0.5960	2.2475
IEEE 802.11n_20	MCS 7	149		0.165	0.299	55.19	0.5519	2.5814
		157		0.165	0.290	56.95	0.5695	2.4451
		165		0.165	0.299	55.19	0.5519	2.5814
IEEE 802.11n_40		151		0.101	0.298	33.97	0.3397	4.689
		159		0.101	0.297	33.93	0.3393	4.6942
IEEE 802.11ac_20	MCS 9	149		0.172	0.303	56.77	0.5677	2.4588
		157		0.172	0.295	58.31	0.5831	2.3426
		165		0.171	0.295	58.04	0.5804	2.3627
IEEE 802.11ac_40		151		0.108	0.293	36.86	0.3686	4.3344
		159		0.108	0.303	35.64	0.3564	4.4806
IEEE 802.11ac_80		155		0.076	0.297	25.59	0.2559	5.9193

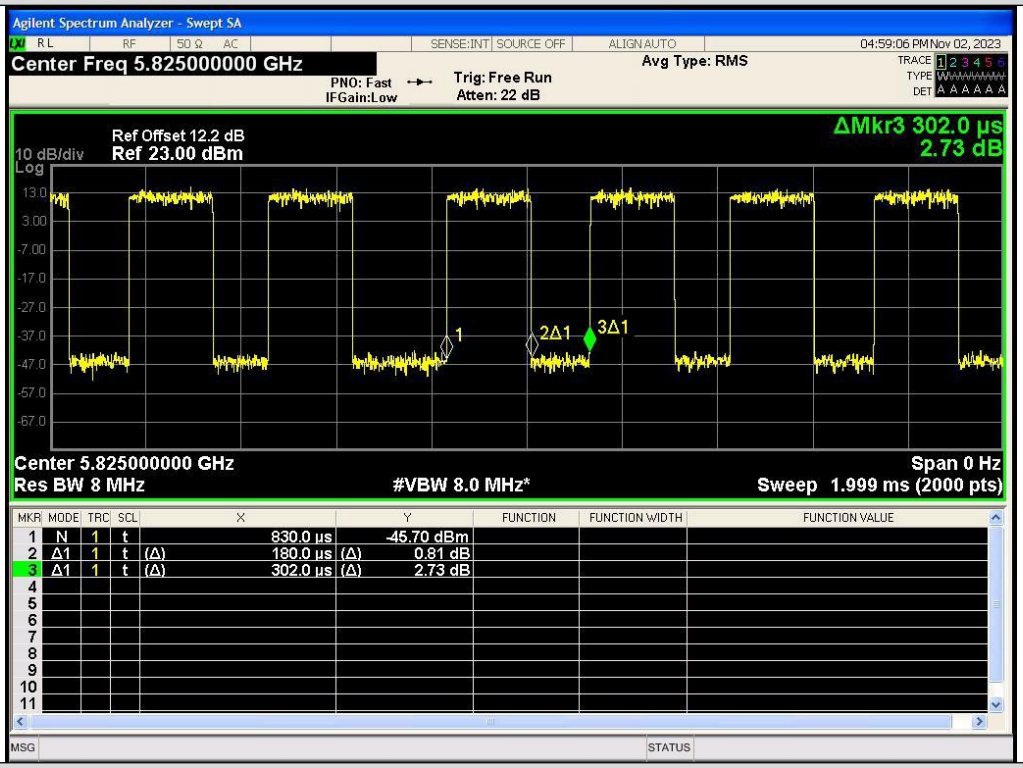
Test Graphs



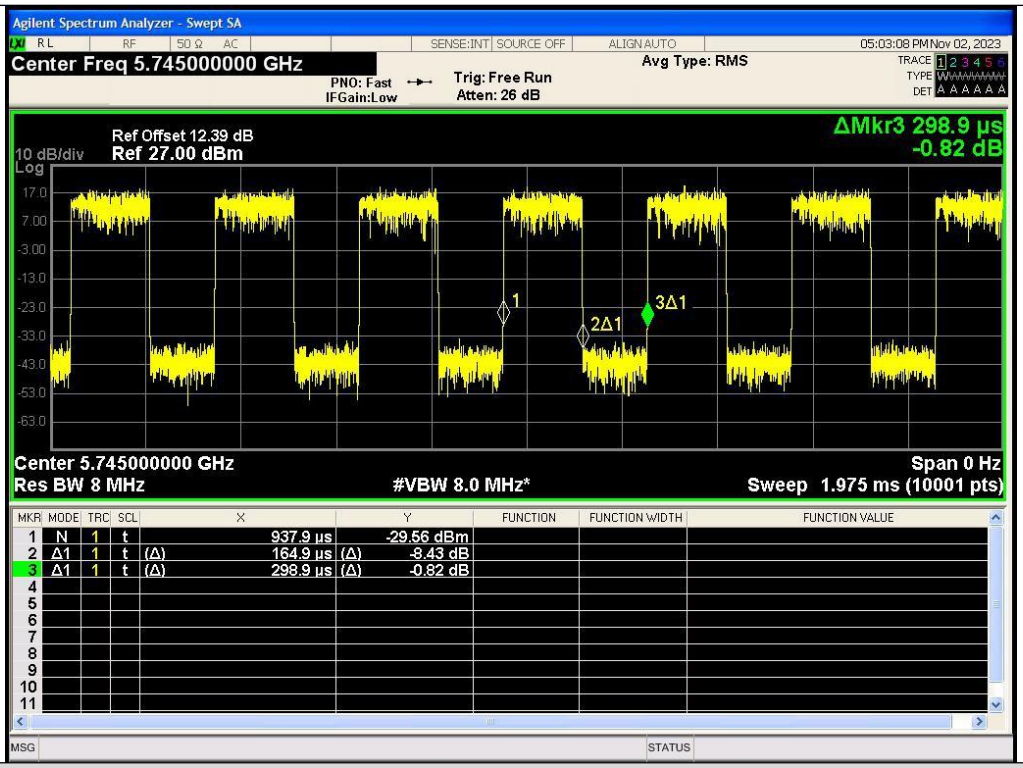
IEEE 802.11a_20MHz_Channel 149



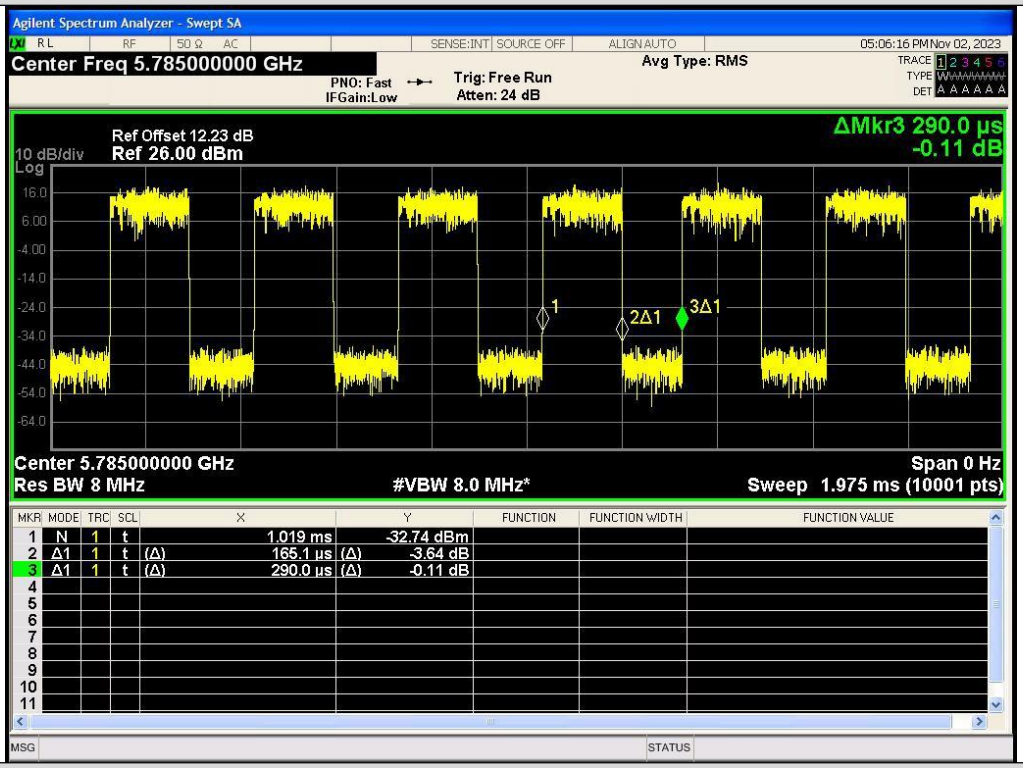
IEEE 802.11a_20MHz_Channel 157



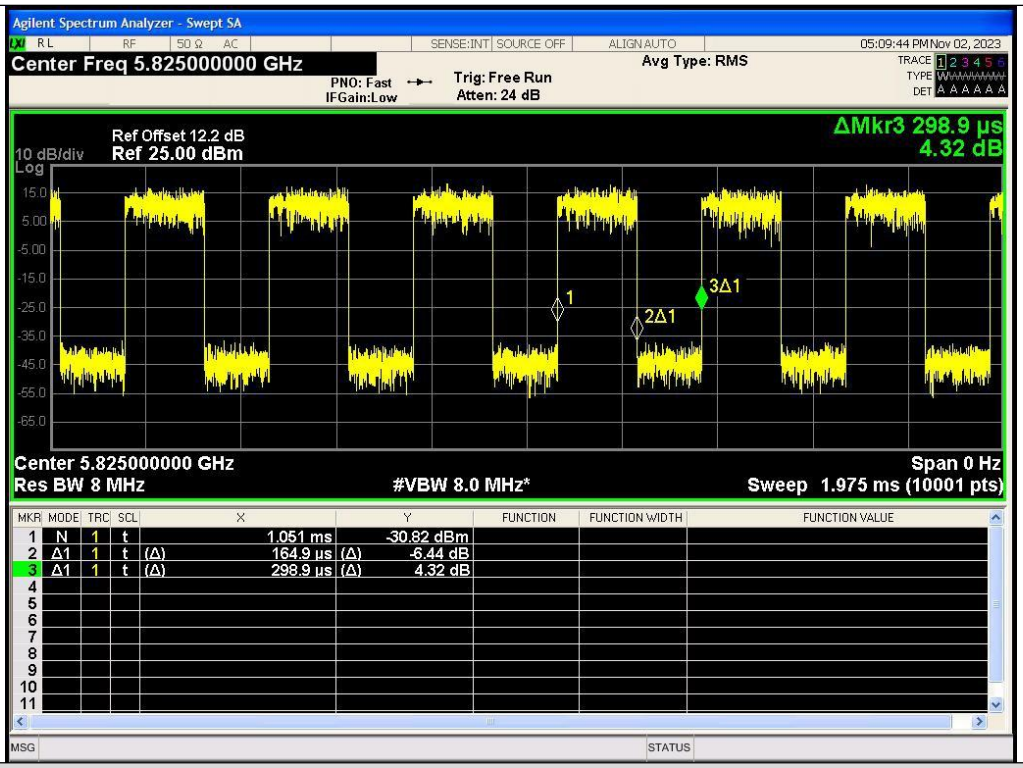
IEEE 802.11a_20MHz_Channel 165



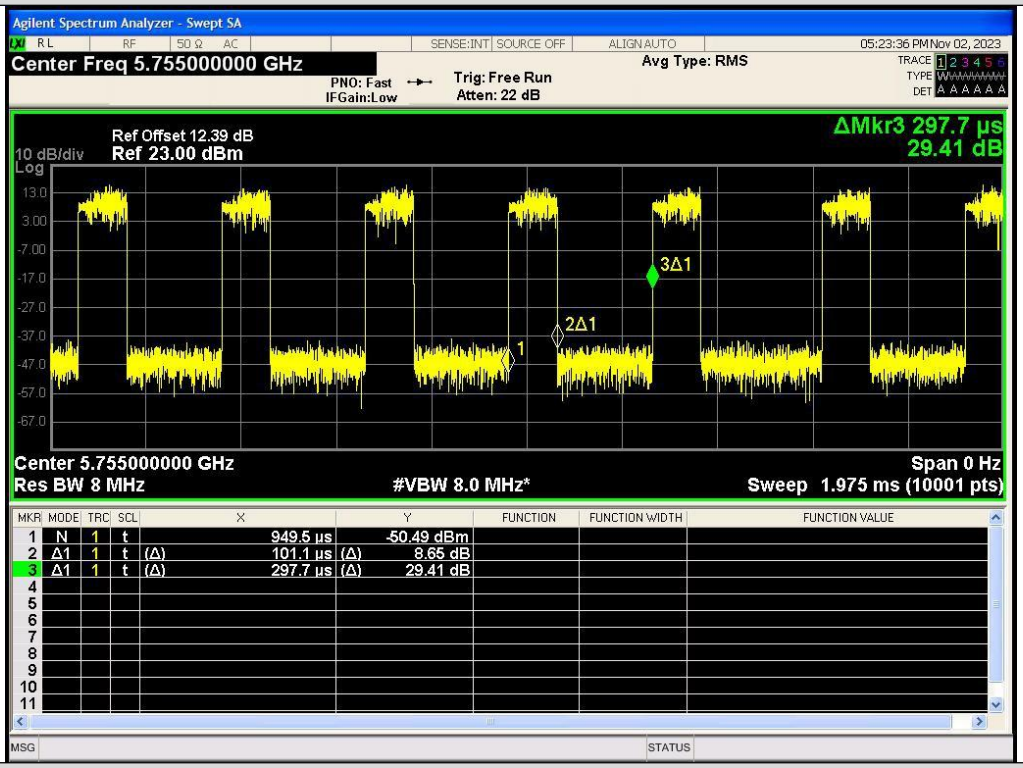
IEEE 802.11n_20MHz_Channel 149



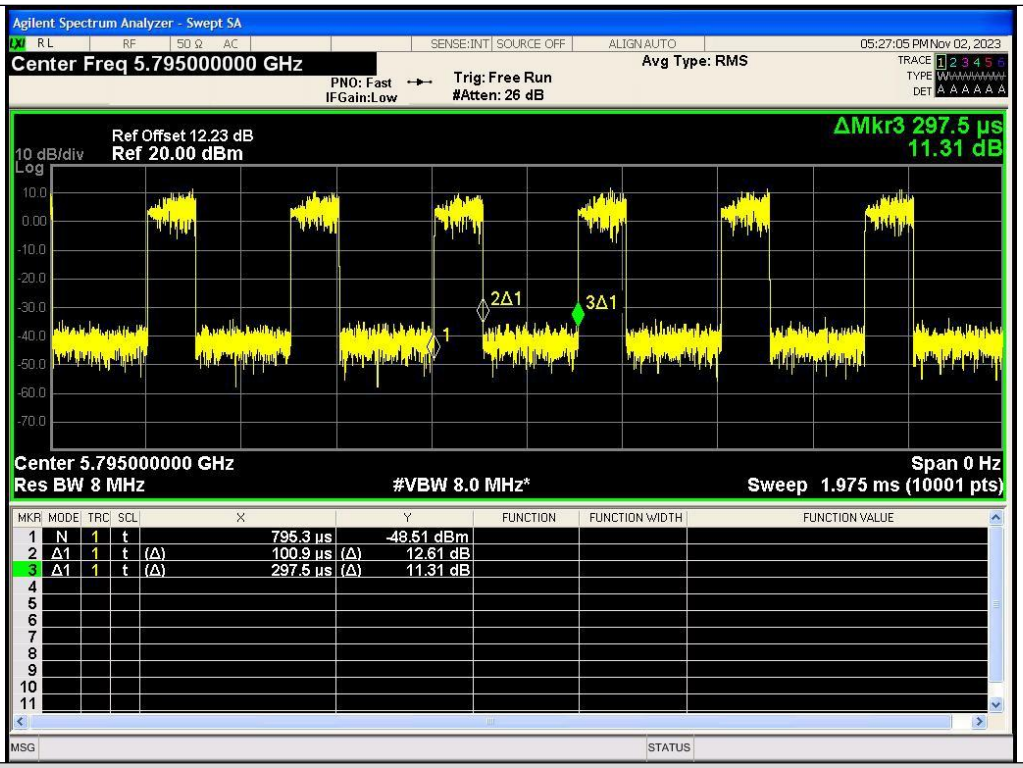
IEEE 802.11n_20MHz_Channel 157



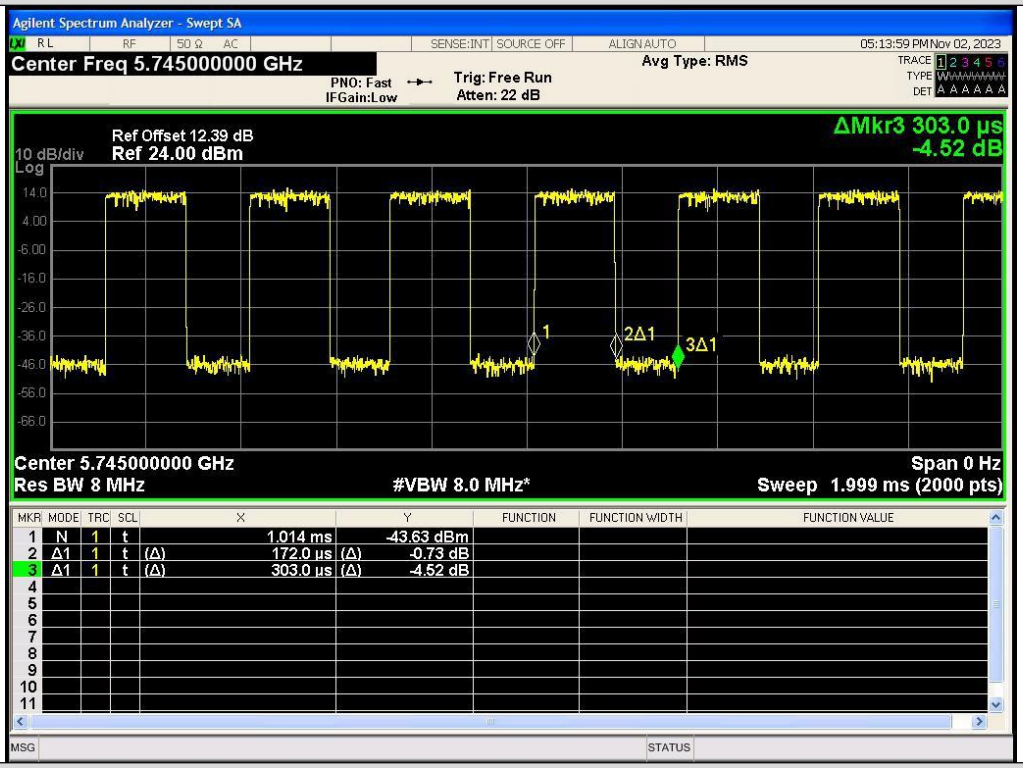
IEEE 802.11n_20MHz_Channel 165



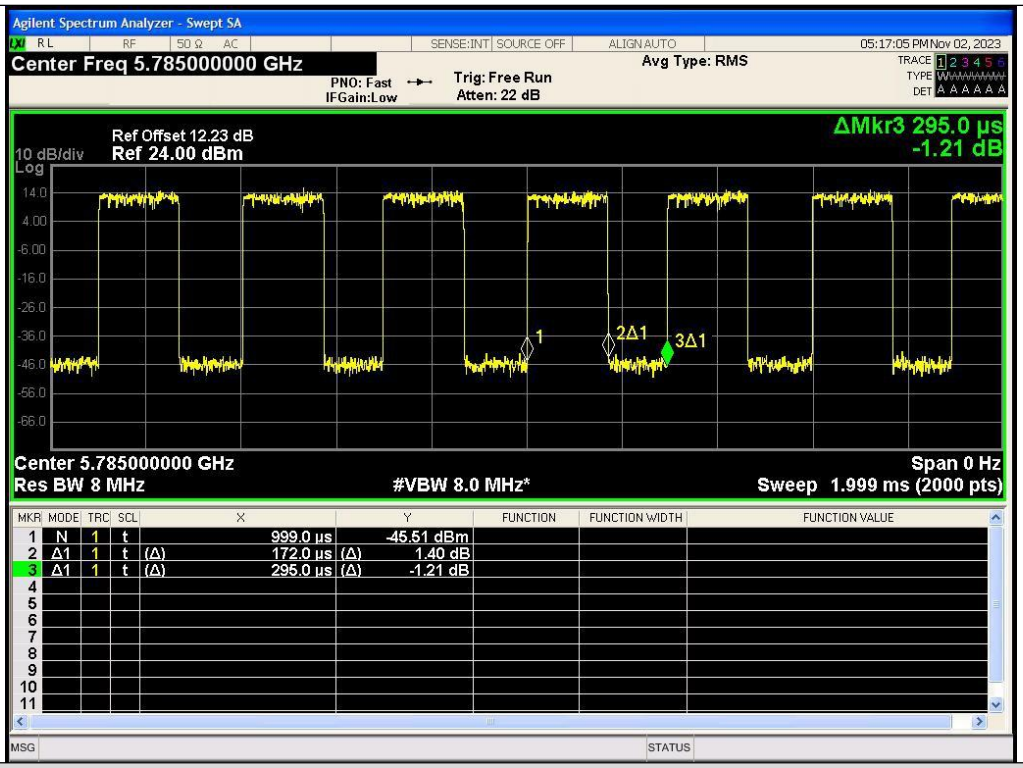
IEEE 802.11n_40MHz_Channel 151



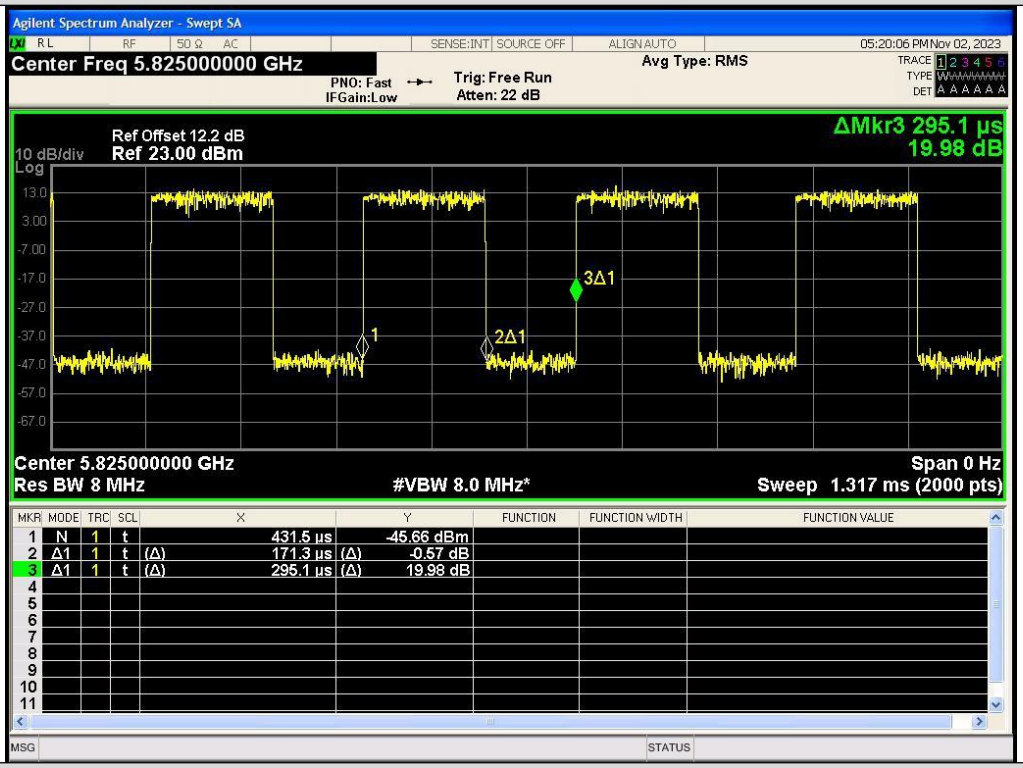
IEEE 802.11n_40MHz_Channel 159



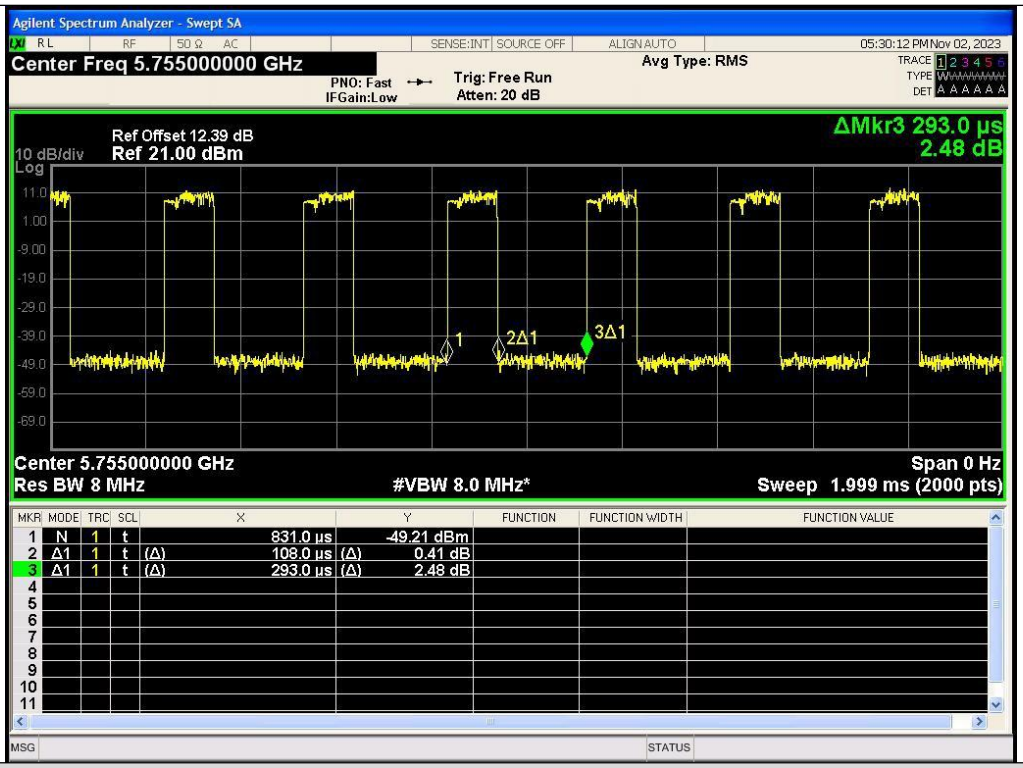
IEEE 802.11ac_20MHz_Channel 149



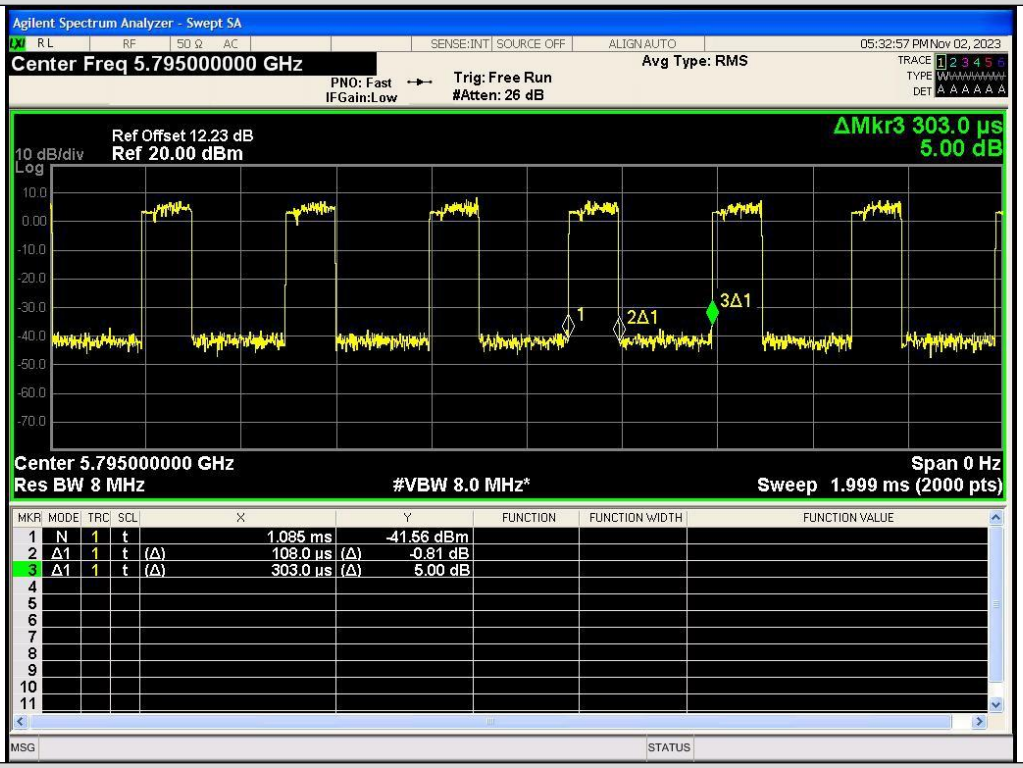
IEEE 802.11ac_20MHz_Channel 157



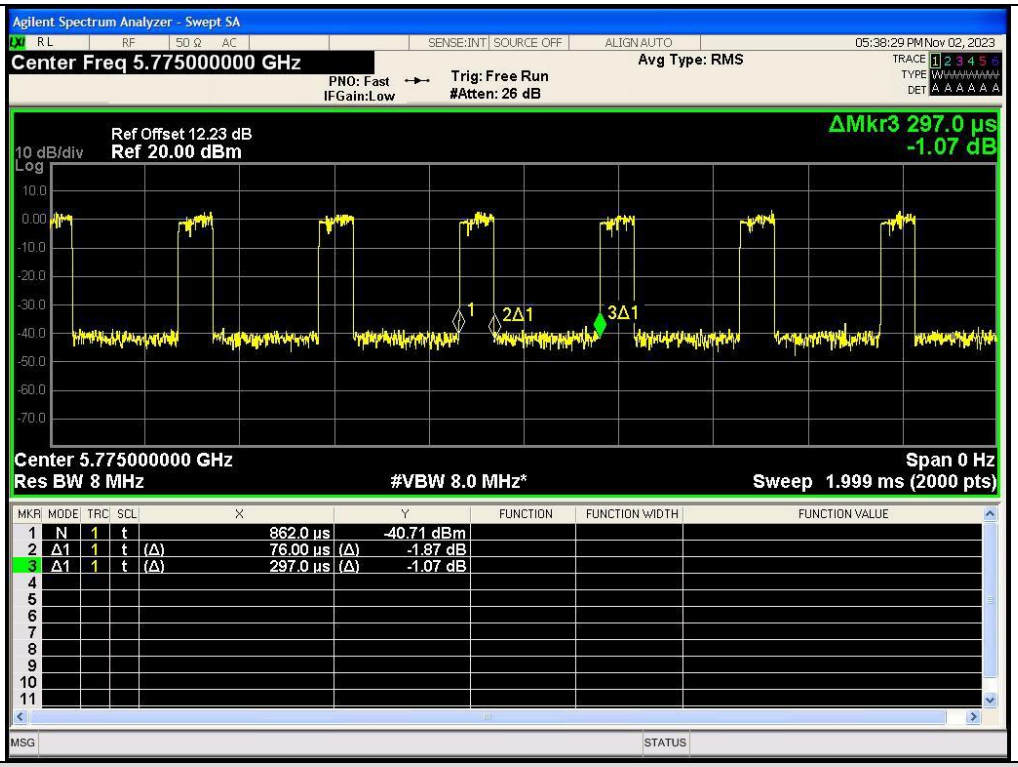
IEEE 802.11ac_20MHz_Channel 165



IEEE 802.11ac_40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



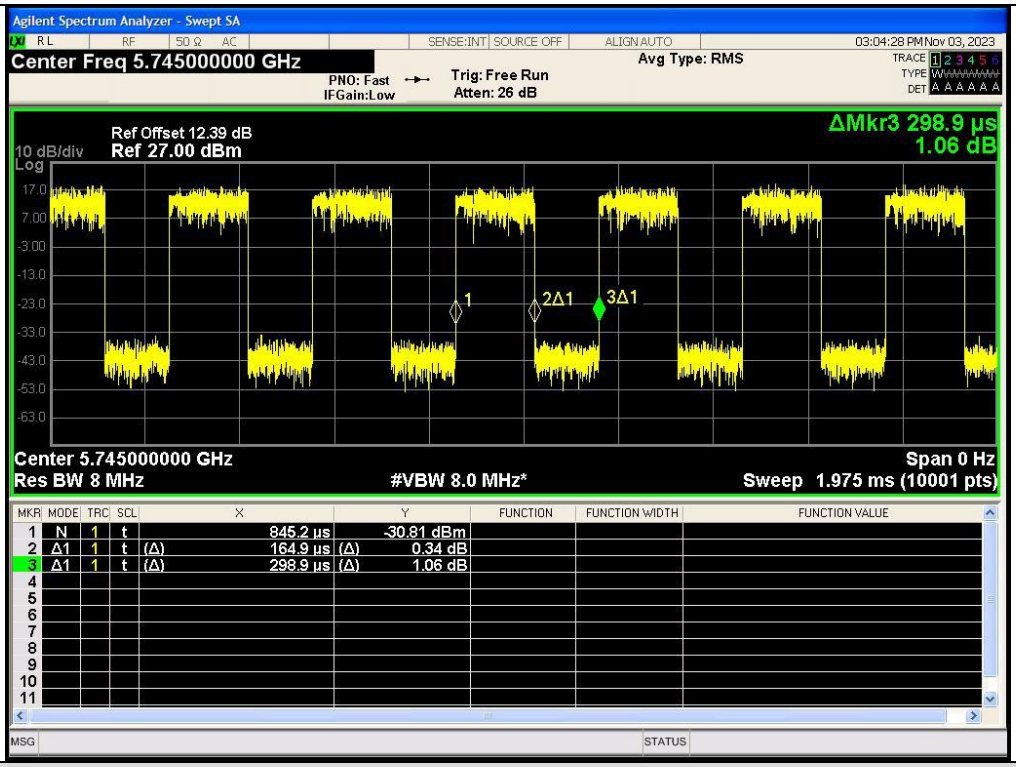
IEEE 802.11ac_80MHz_Channel 155

Antenna 1+2:

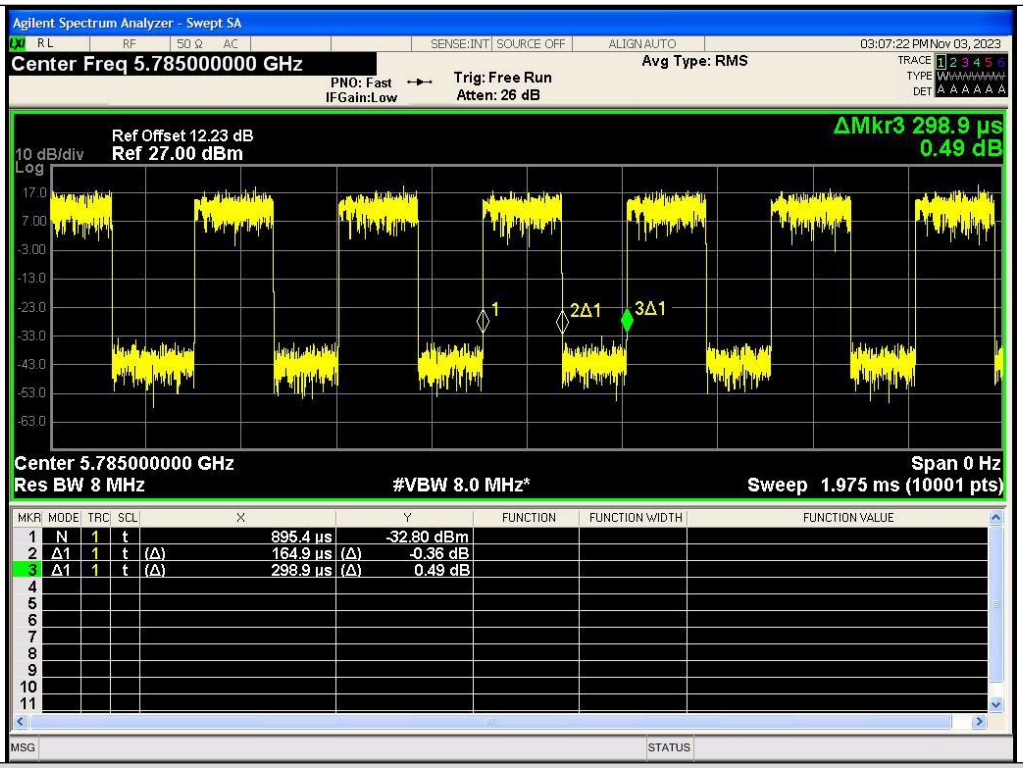
Test Result

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11n_20	MCS 7	149	1+2	0.165	0.299	55.19	0.5519	2.5814
		157		0.165	0.299	55.19	0.5519	2.5814
		165		0.165	0.299	55.22	0.5522	2.579
IEEE 802.11n_40		151		0.105	0.293	35.92	0.3592	4.4466
		159		0.105	0.293	35.92	0.3592	4.4466
IEEE 802.11ac_20	MCS 9	149		0.172	0.295	58.31	0.5831	2.3426
		157		0.172	0.295	58.31	0.5831	2.3426
		165		0.172	0.303	56.77	0.5677	2.4588
IEEE 802.11ac_40		151		0.108	0.293	36.86	0.3686	4.3344
		159		0.108	0.302	35.76	0.3576	4.466
IEEE 802.11ac_80		155		0.076	0.297	25.59	0.2559	5.9193

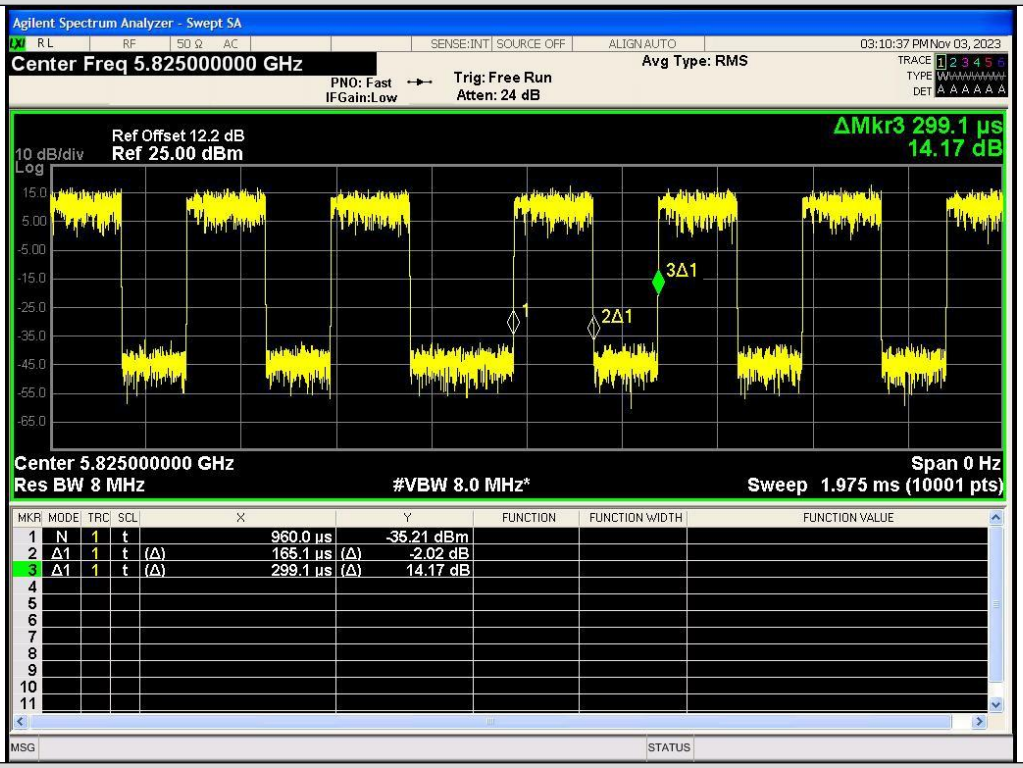
Test Graphs



IEEE 802.11n_20MHz_Channel 149



IEEE 802.11n_20MHz_Channel 157



IEEE 802.11n_20MHz_Channel 165