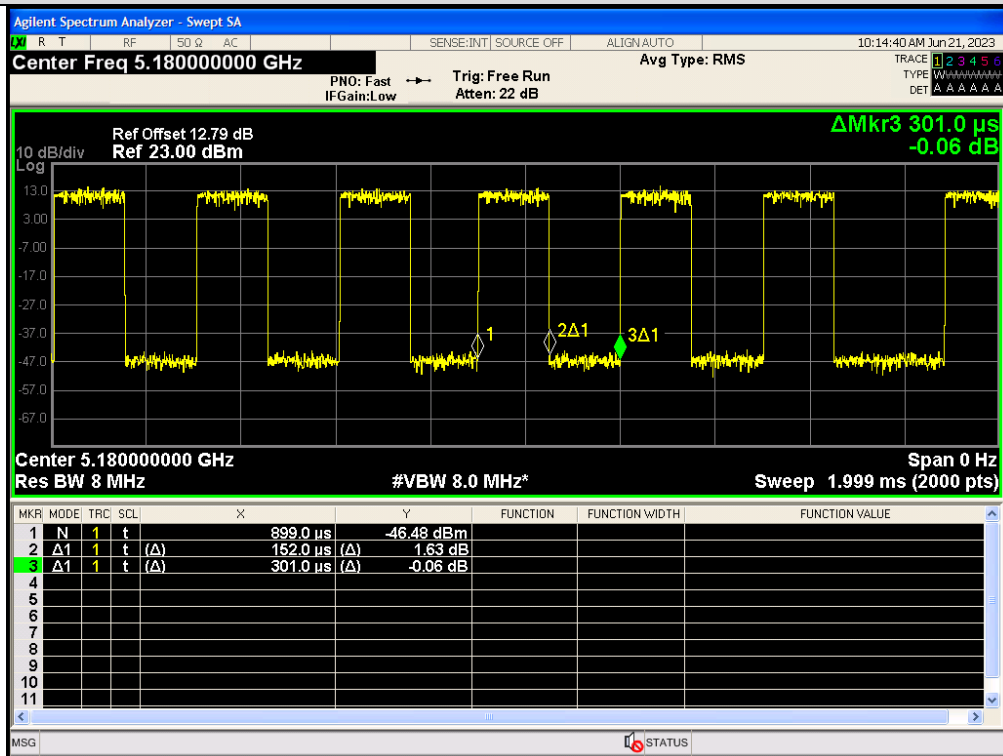
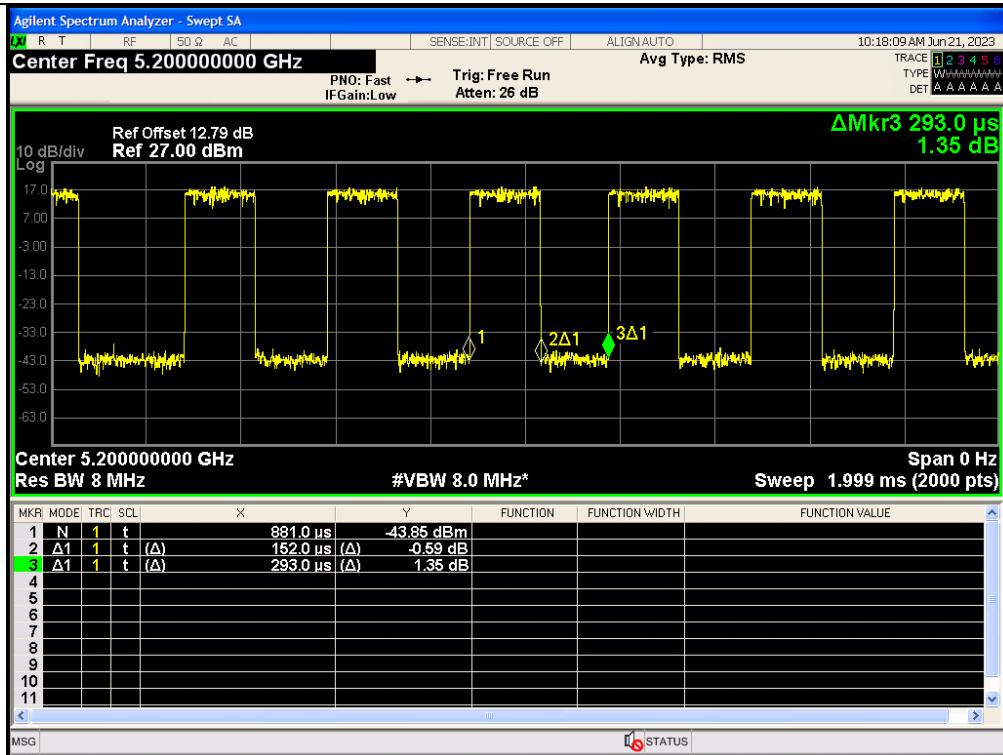


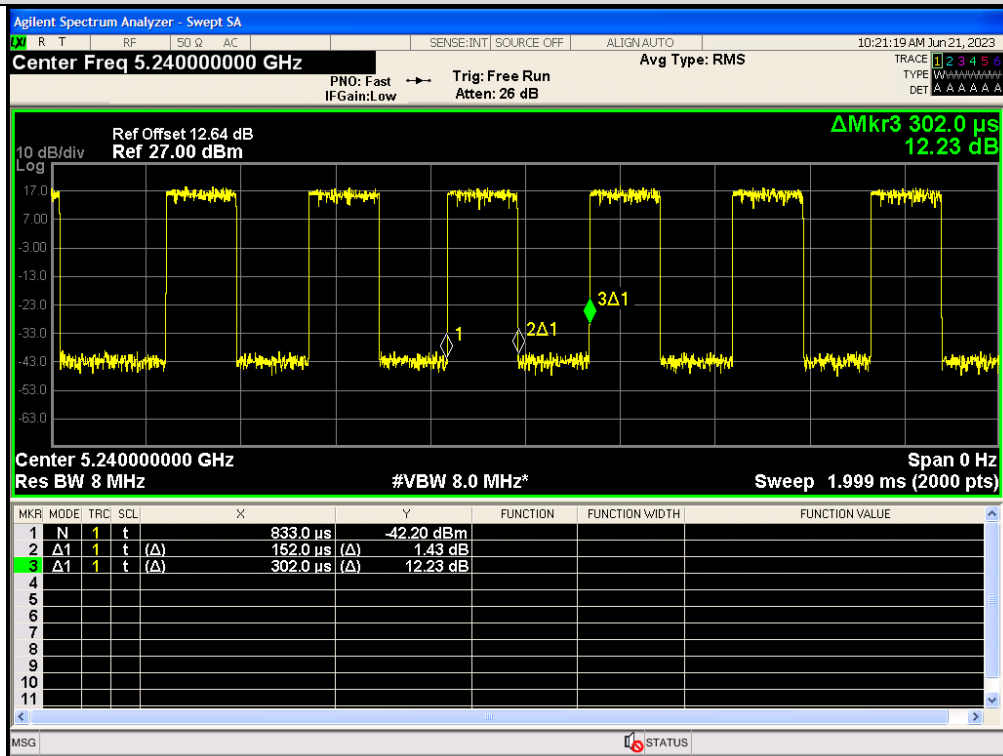
IEEE 802.11n 40MHz Channel 134



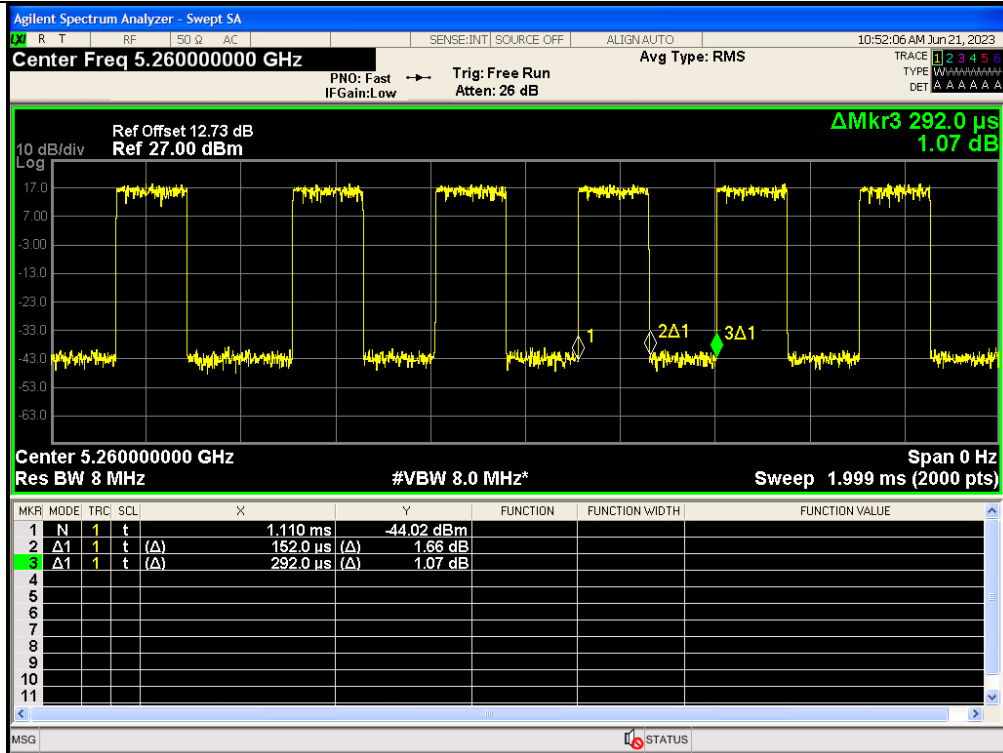
IEEE 802.11ac 20MHz Channel 36



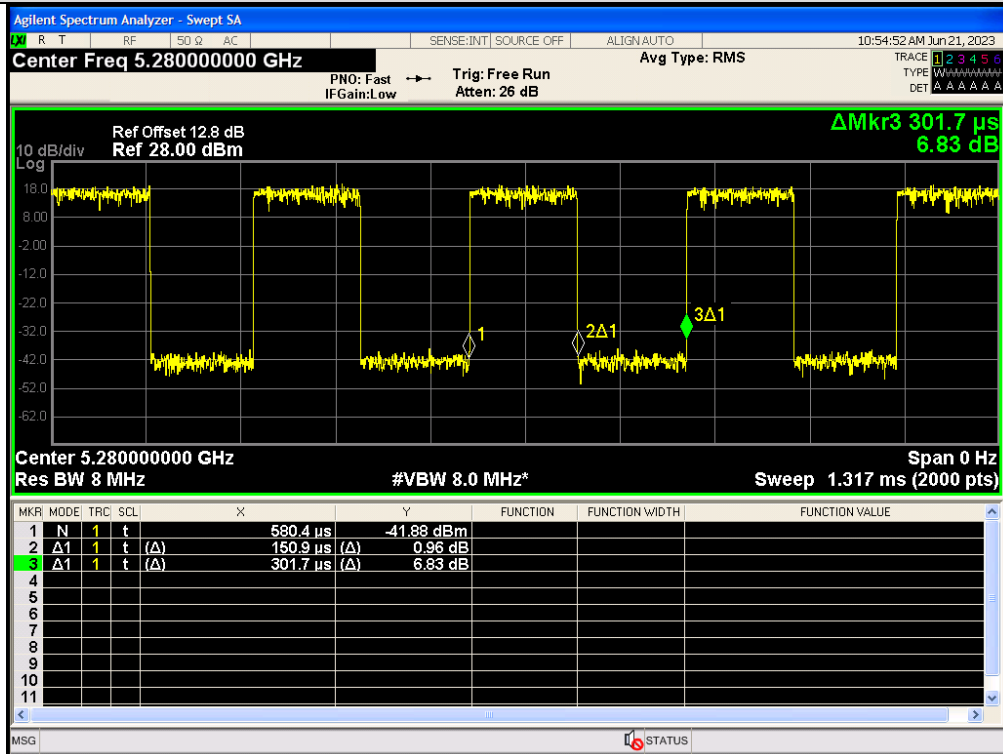
IEEE 802.11ac_20MHz_Channel 40



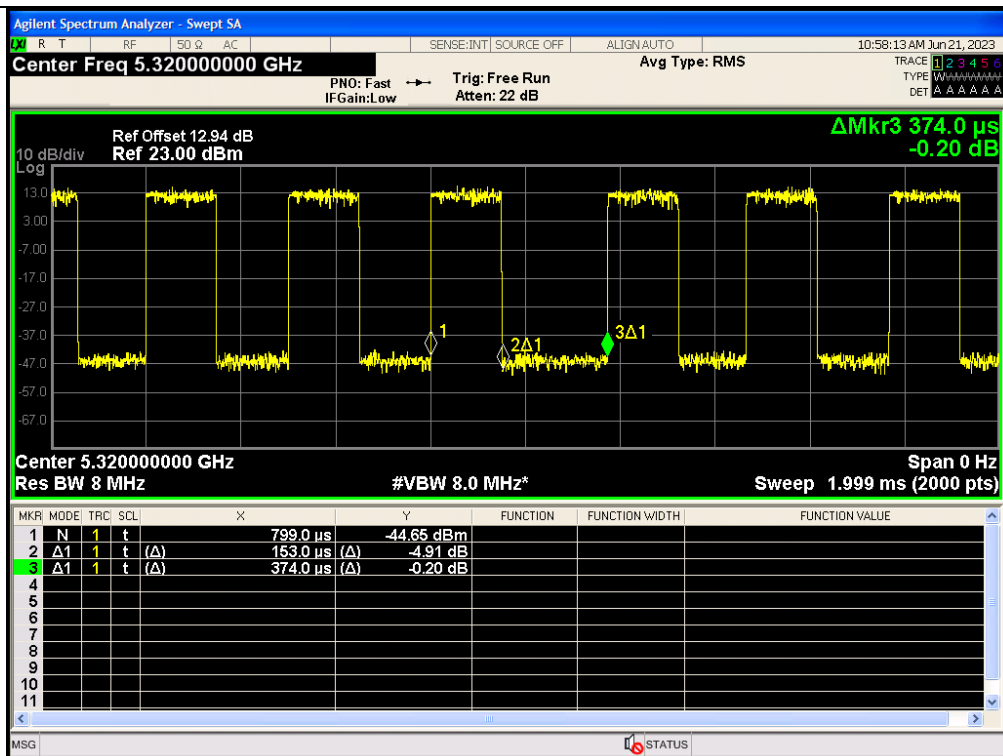
IEEE 802.11ac_20MHz_Channel 48



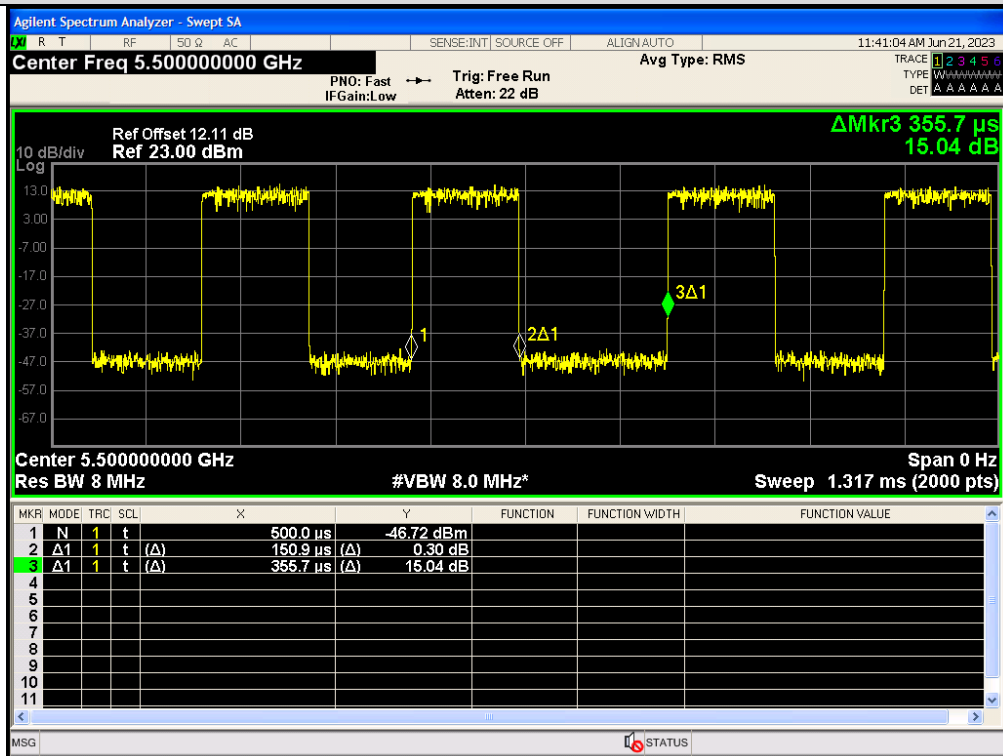
IEEE 802.11ac_20MHz_Channel 52



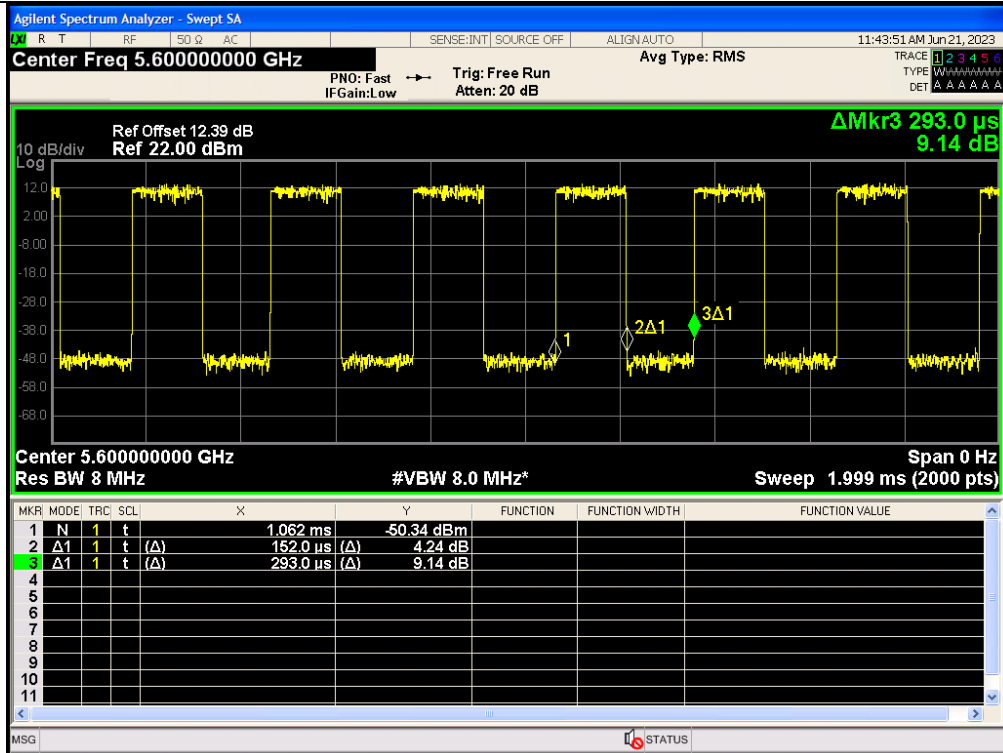
IEEE 802.11ac_20MHz_Channel 56



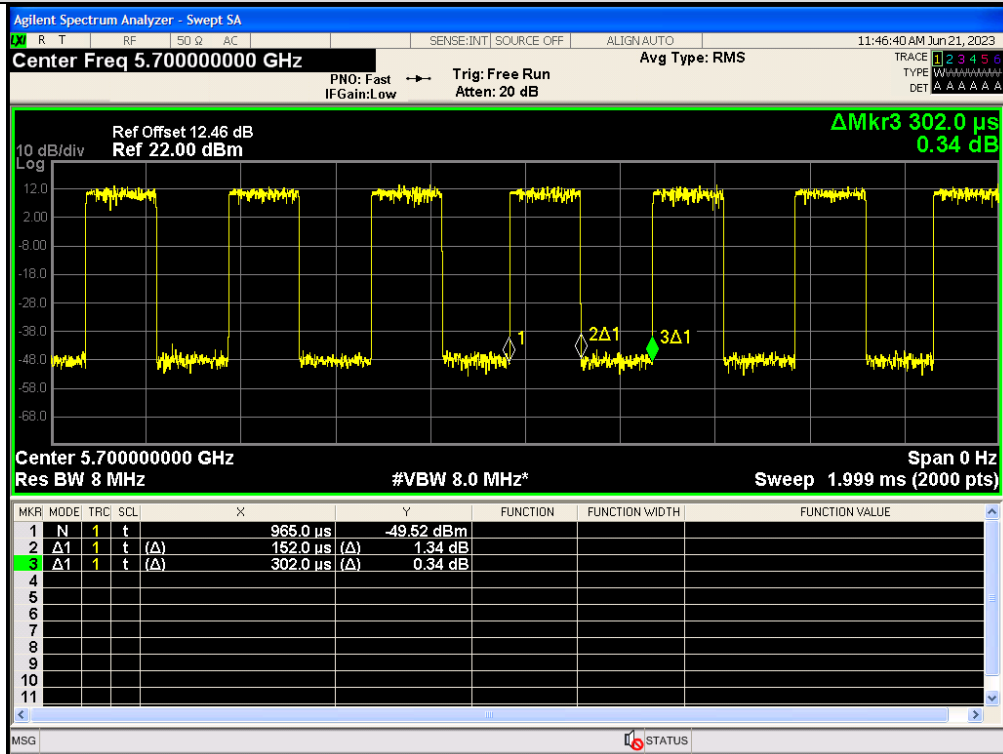
IEEE 802.11ac_20MHz_Channel 64



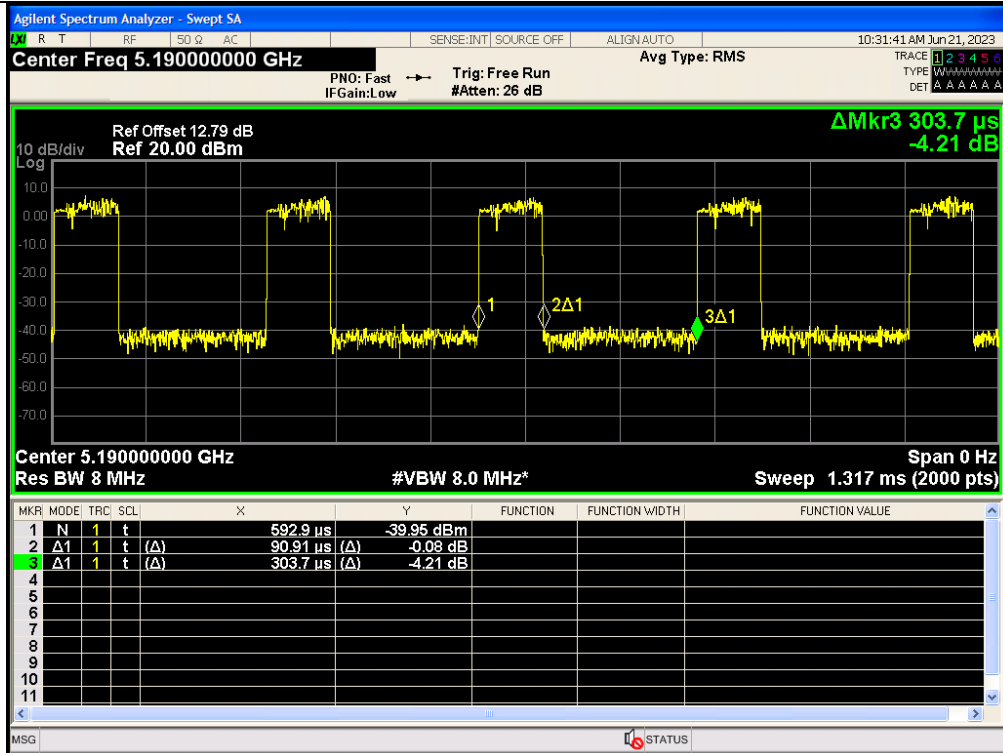
IEEE 802.11ac_20MHz_Channel 100



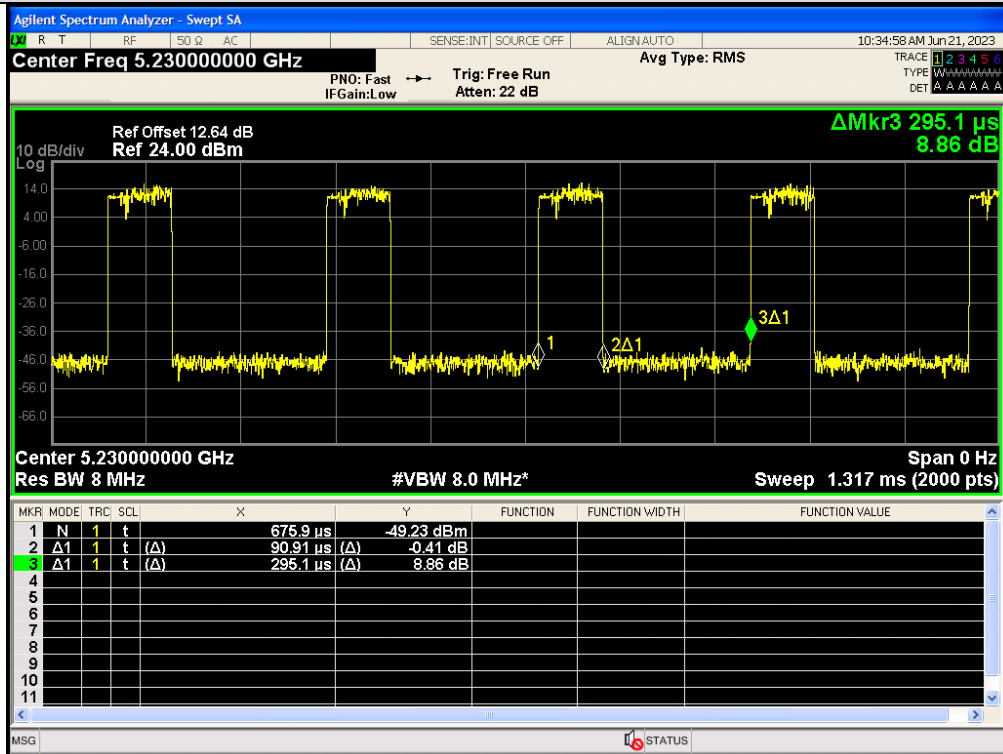
IEEE 802.11ac_20MHz_Channel 120



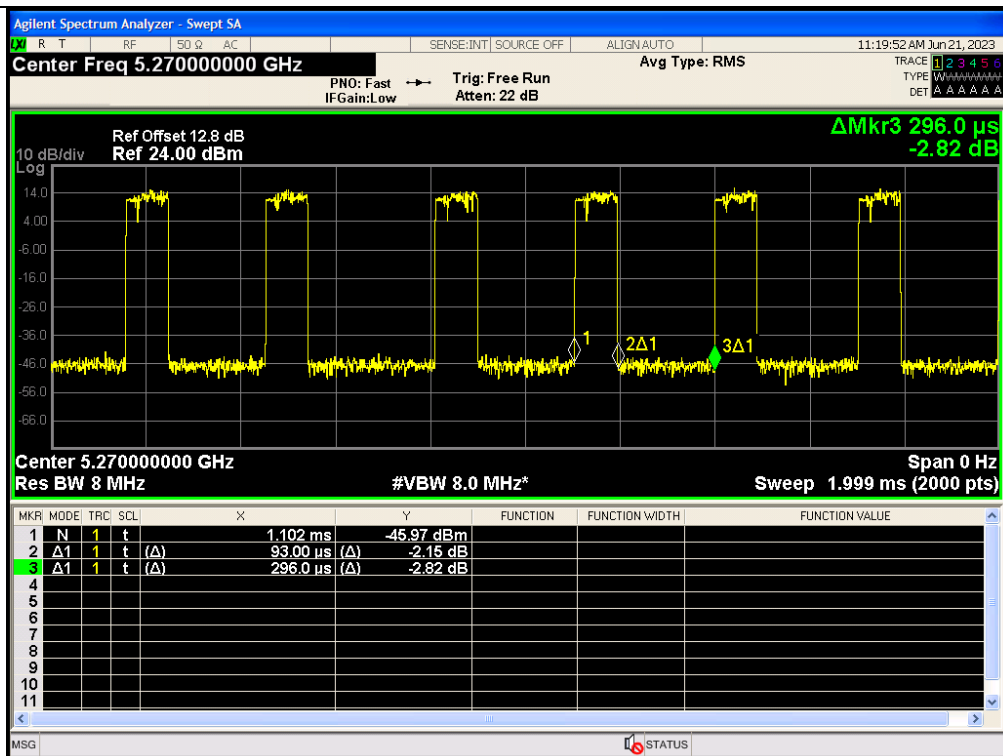
IEEE 802.11ac_20MHz_Channel 140



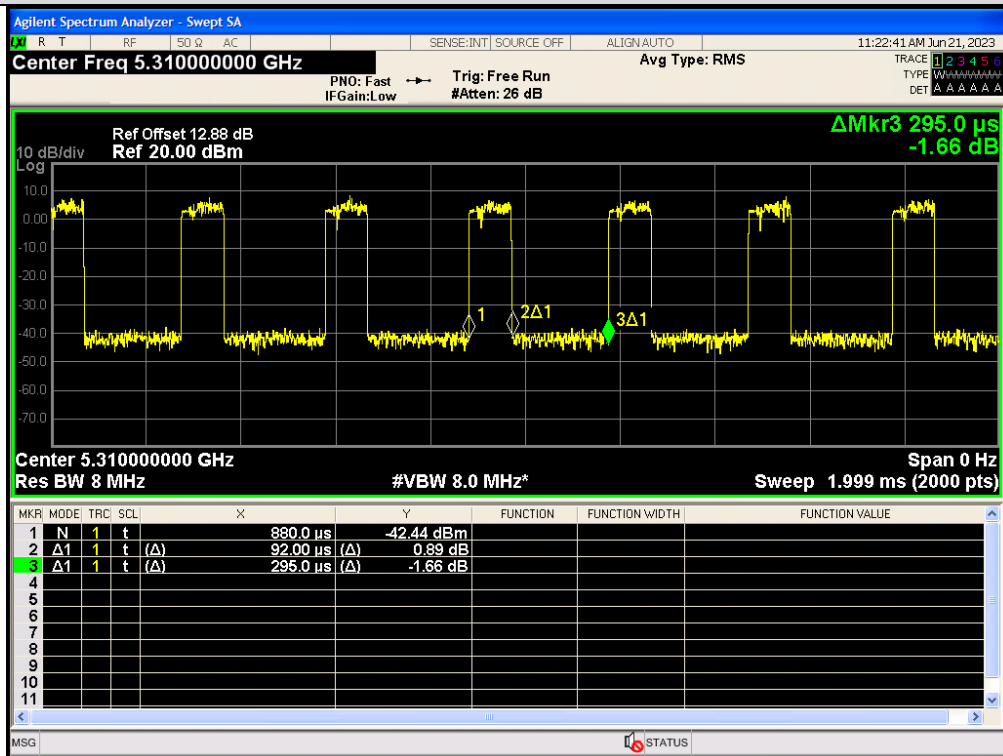
IEEE 802.11ac_40MHz_Channel 38



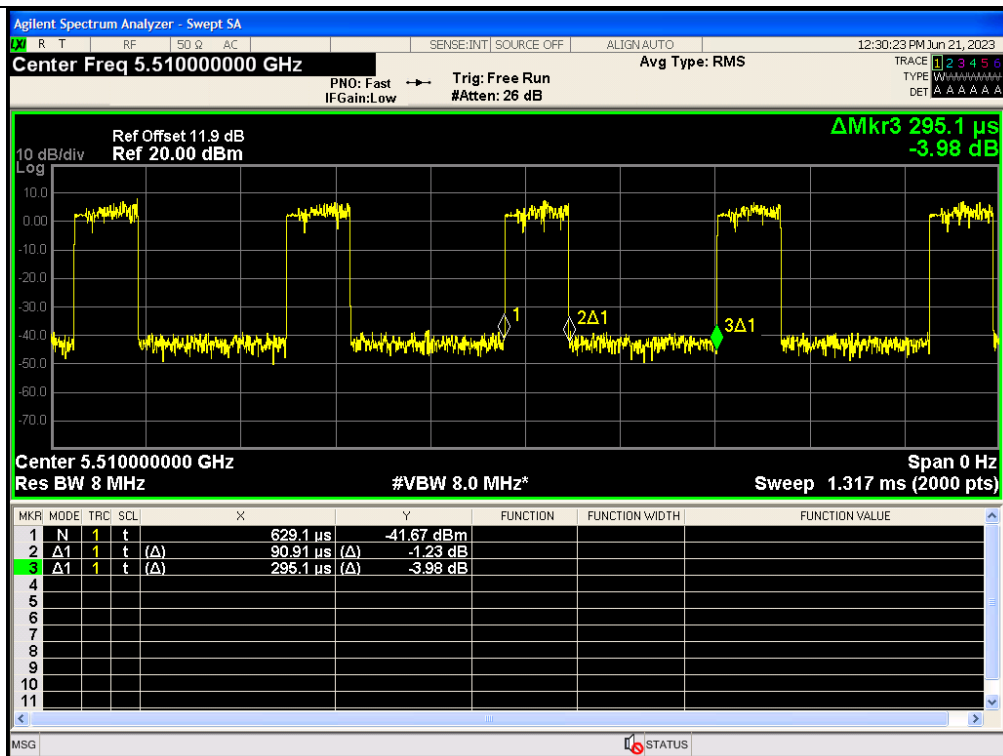
IEEE 802.11ac_40MHz_Channel 46



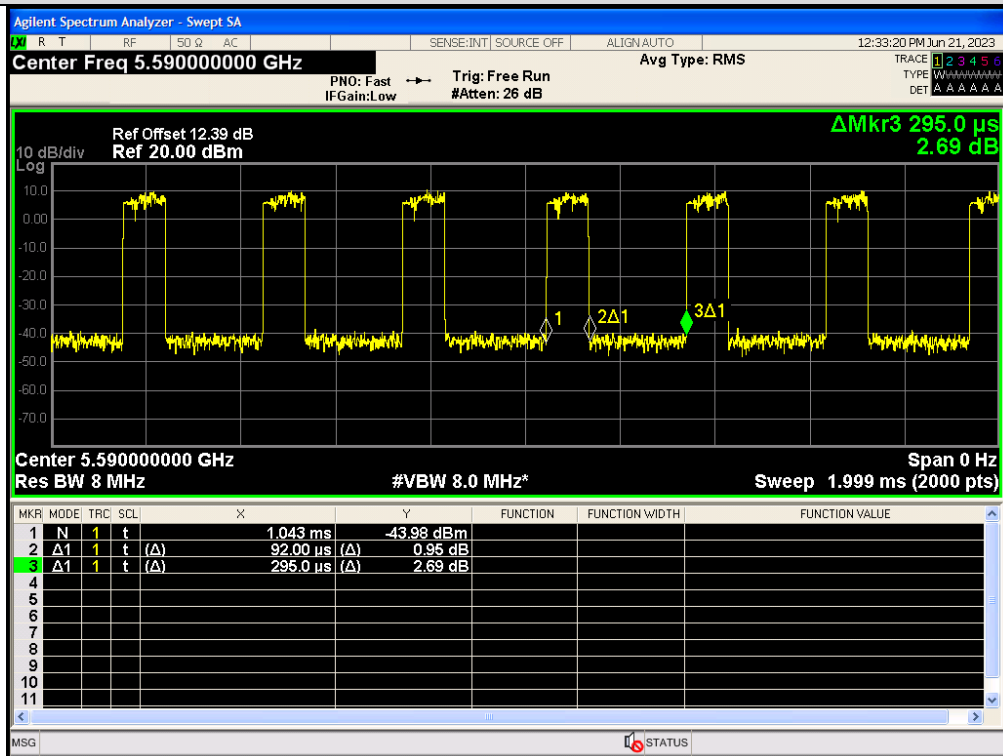
IEEE 802.11ac_40MHz_Channel 54



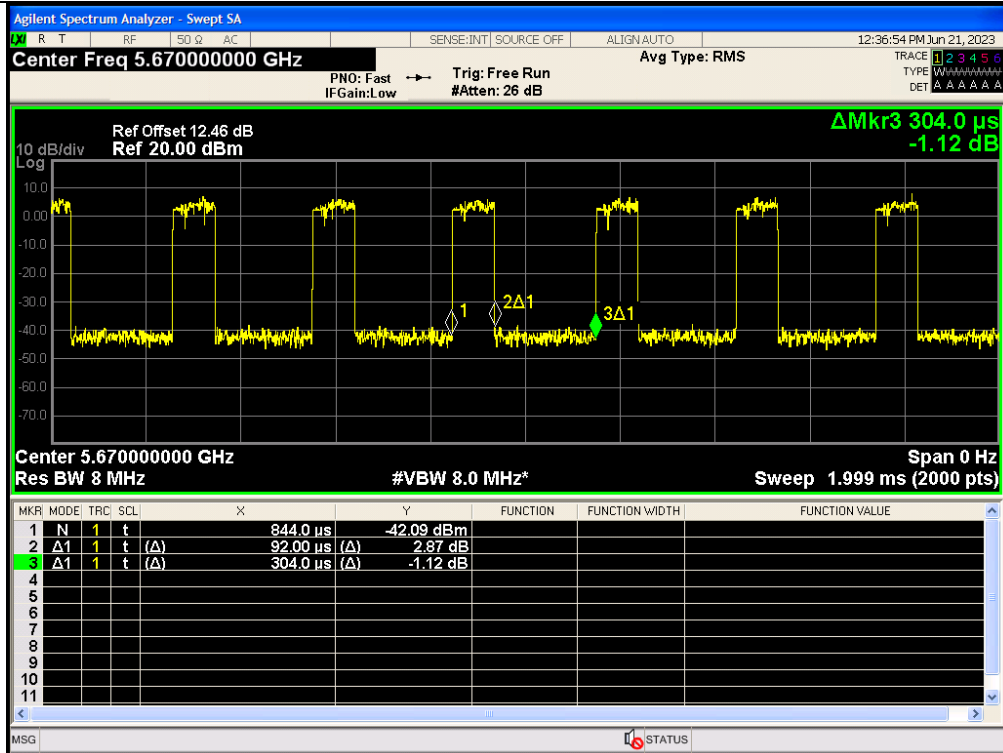
IEEE 802.11ac_40MHz_Channel 62



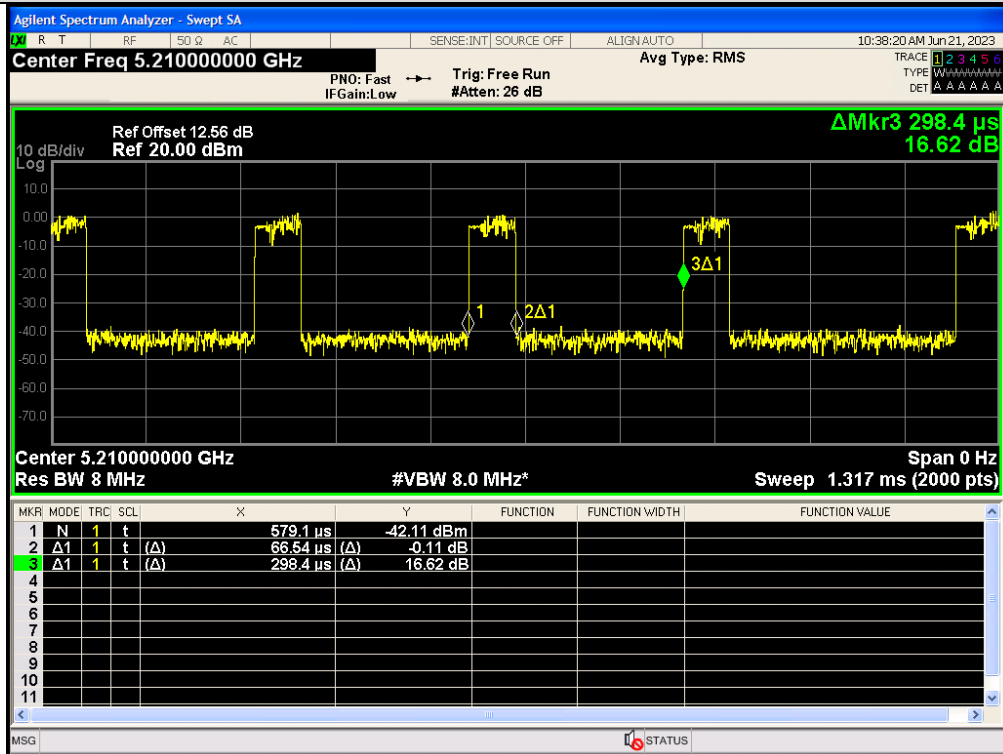
IEEE 802.11ac_40MHz_Channel 102



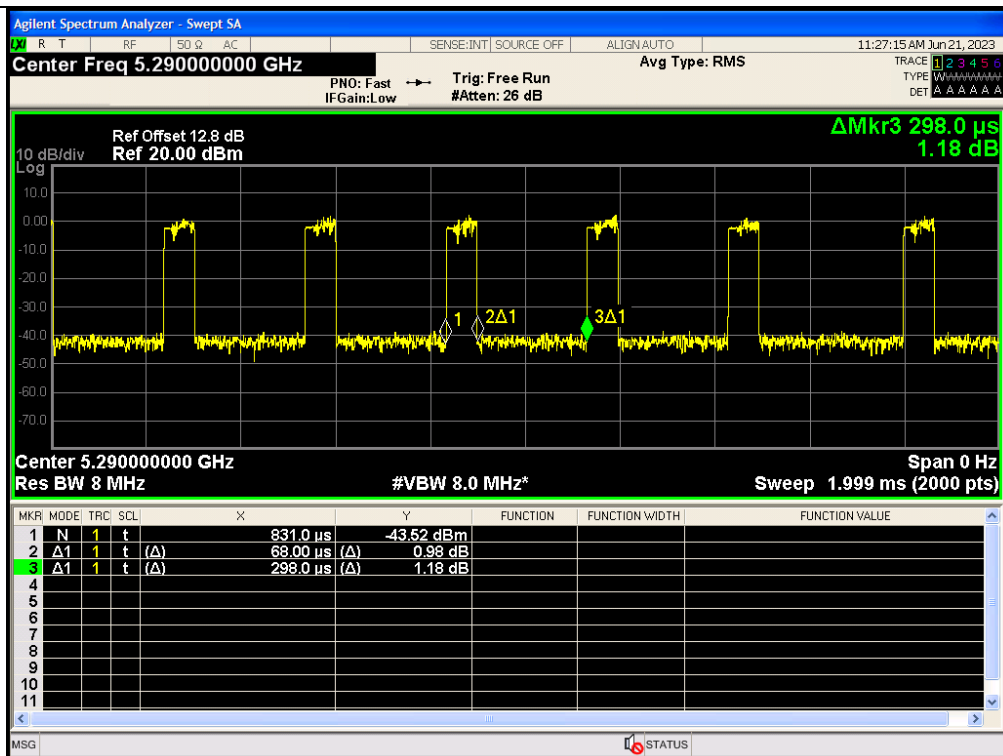
IEEE 802.11ac_40MHz_Channel 118



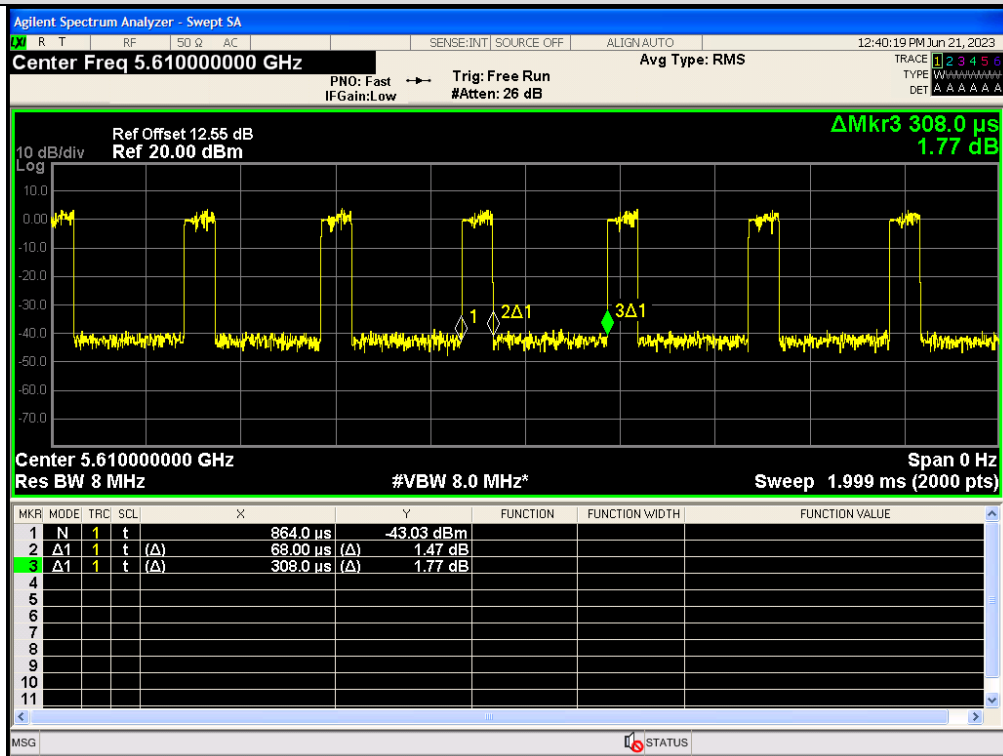
IEEE 802.11ac_40MHz_Channel 134



IEEE 802.11ac_80MHz_Channel 42



IEEE 802.11ac_80MHz_Channel 58

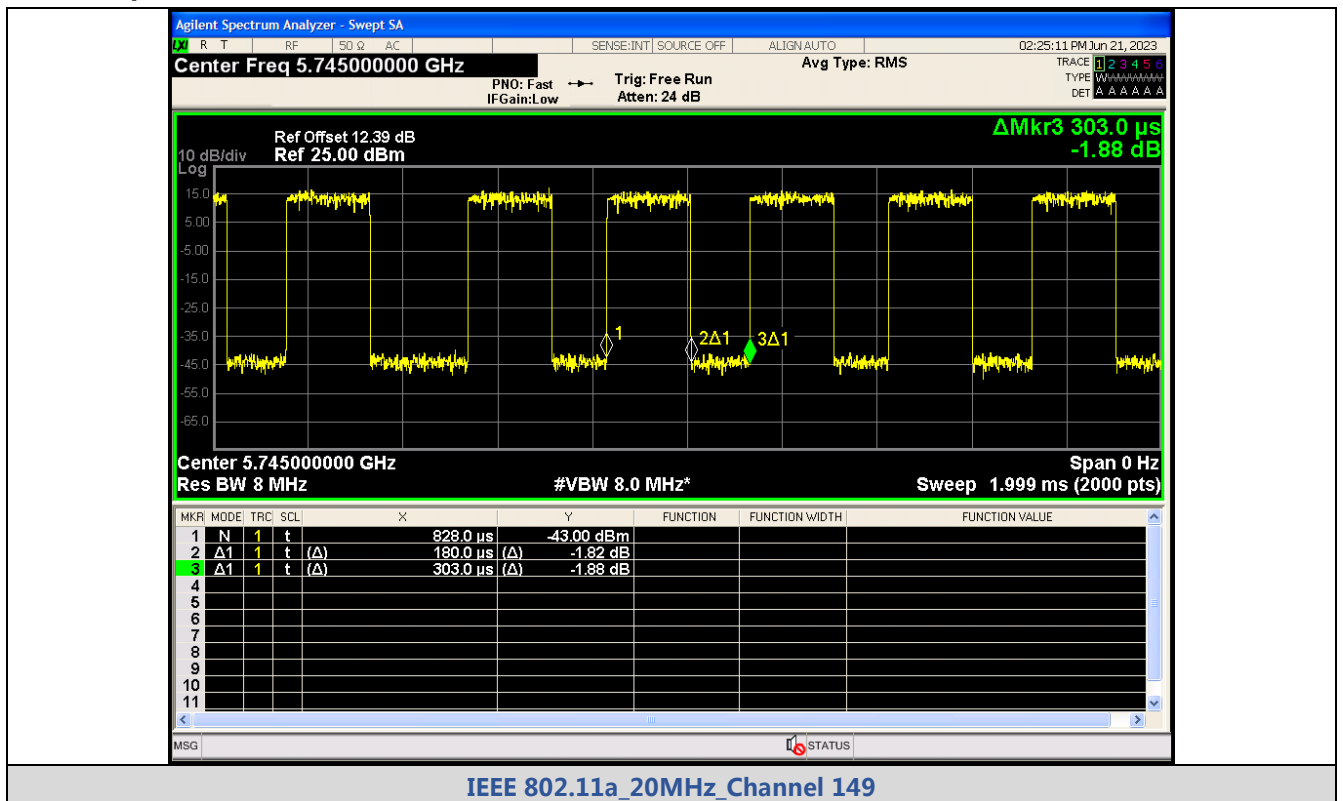


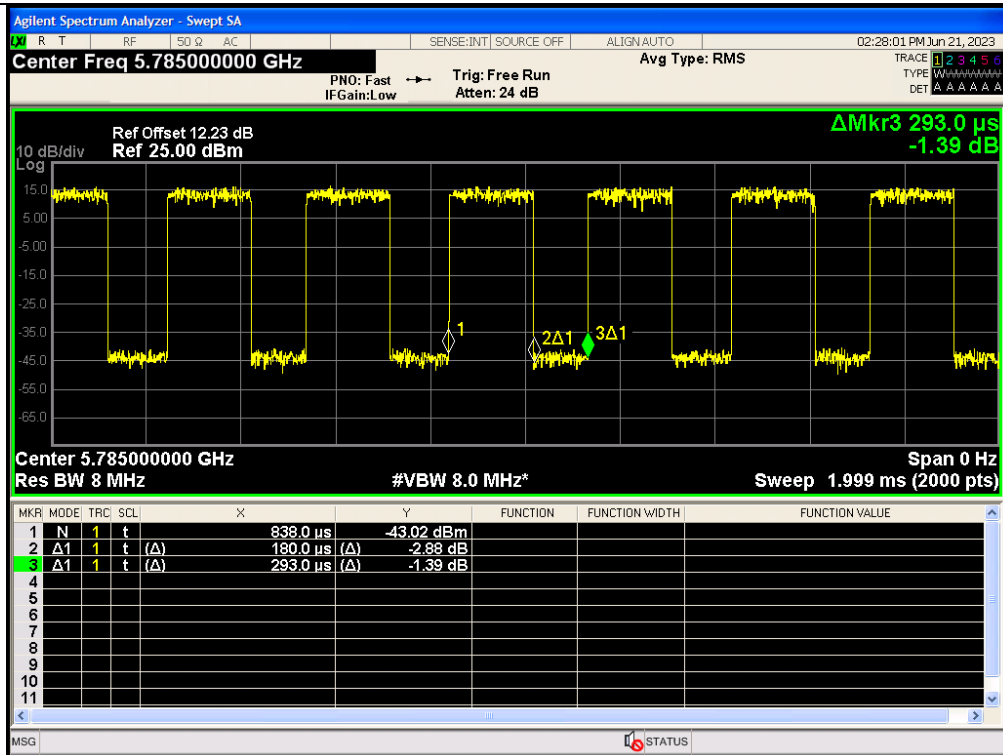
IEEE 802.11ac_80MHz_Channel 122

Test Result

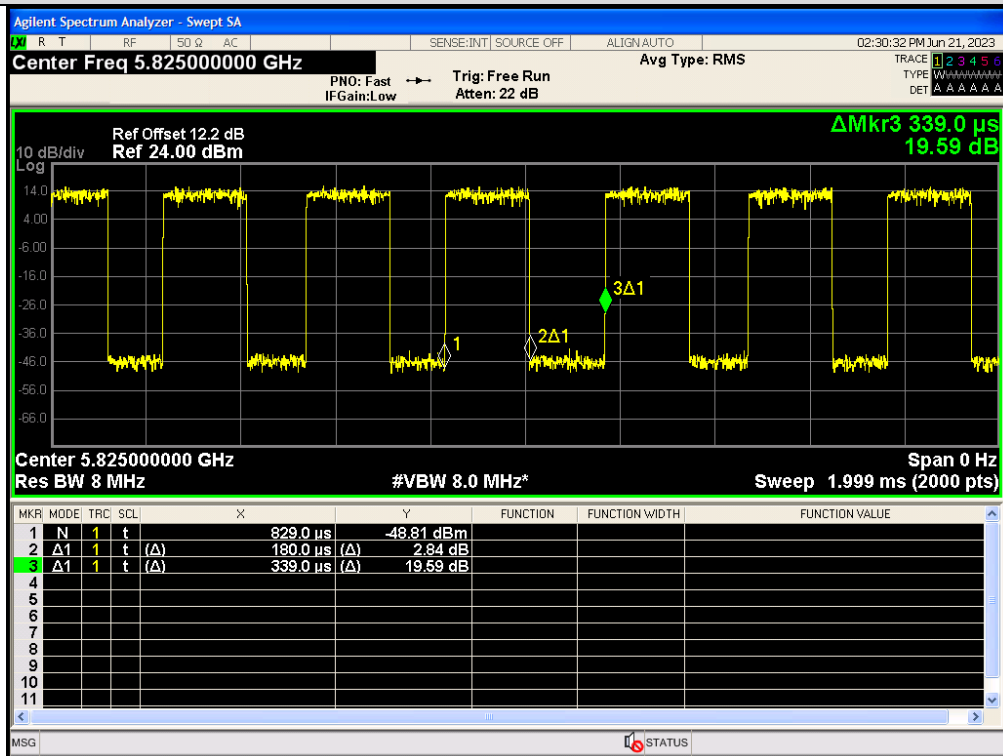
Mode	Data rates	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11a	54	149	0.180	0.303	59.41	0.5941	2.2614
		157	0.180	0.293	61.43	0.6143	2.1162
		165	0.180	0.339	53.10	0.5310	2.7491
IEEE 802.11n_20	MCS 7	149	0.168	0.300	56.00	0.5600	2.5181
		157	0.168	0.354	47.46	0.4746	3.2367
		165	0.168	0.300	56.00	0.5600	2.5181
IEEE 802.11n_40	MCS 7	151	0.101	0.297	33.81	0.3381	4.7095
		159	0.104	0.299	34.78	0.3478	4.5867
IEEE 802.11ac_20	MCS 9	149	0.152	0.293	51.88	0.5188	2.85
		157	0.152	0.302	50.33	0.5033	2.9817
		165	0.152	0.302	50.33	0.5033	2.9817
IEEE 802.11ac_40	MCS 9	151	0.093	0.296	31.42	0.3142	5.0279
		159	0.092	0.304	30.26	0.3026	5.1913
IEEE 802.11ac_80	MCS 9	155	0.068	0.299	22.74	0.2274	6.4321

Test Graphs

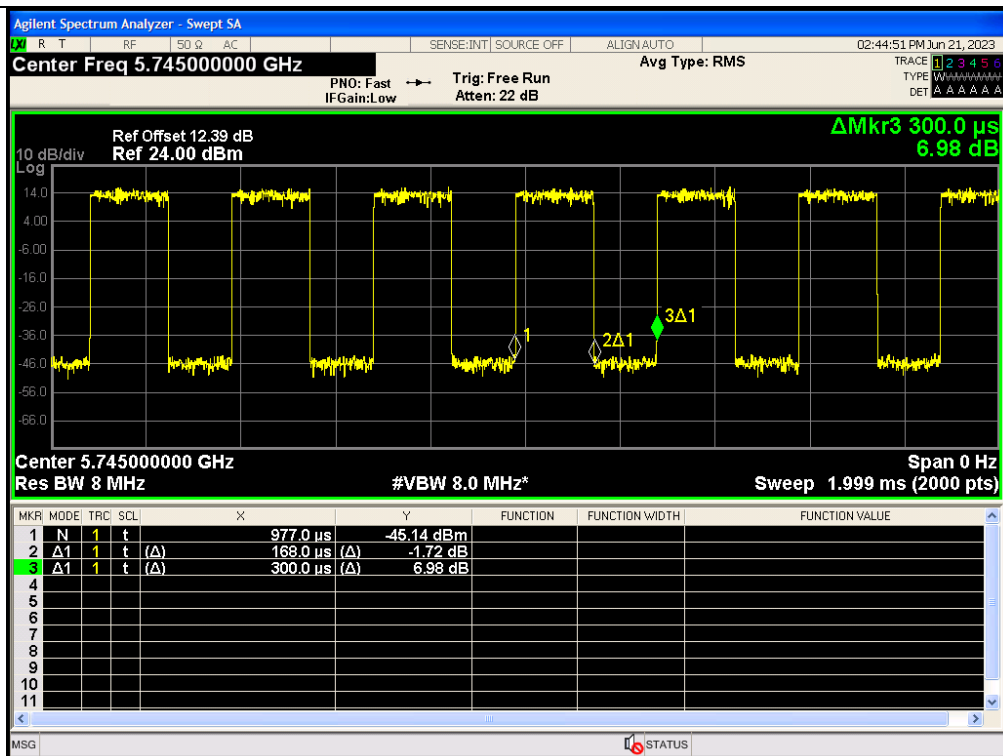




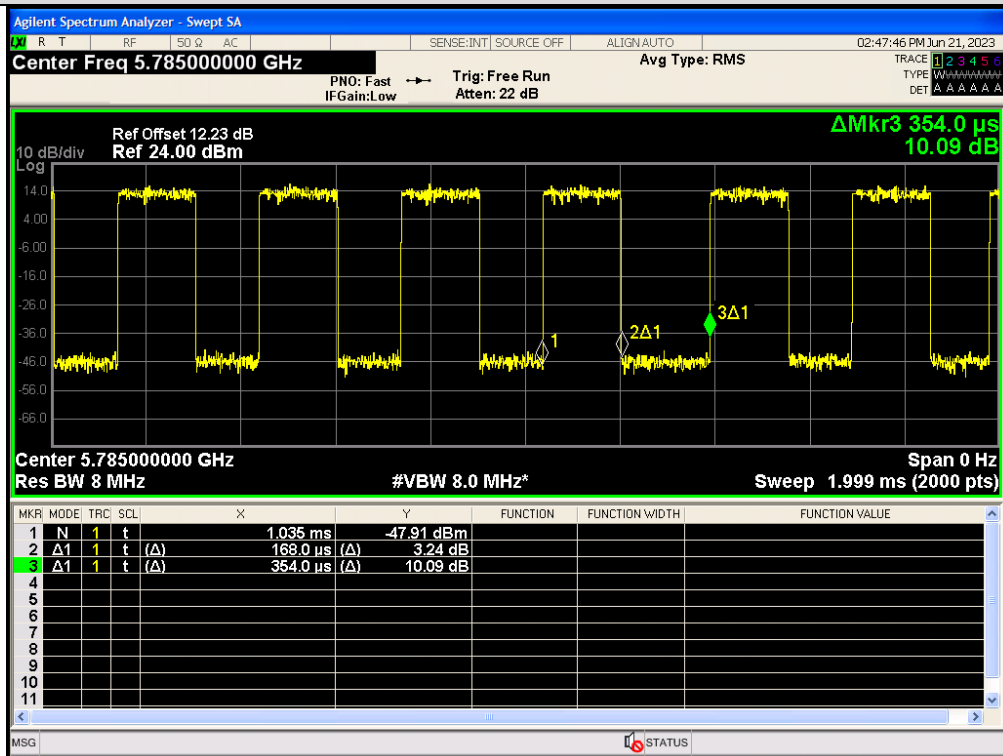
IEEE 802.11a_20MHz_Channel 157



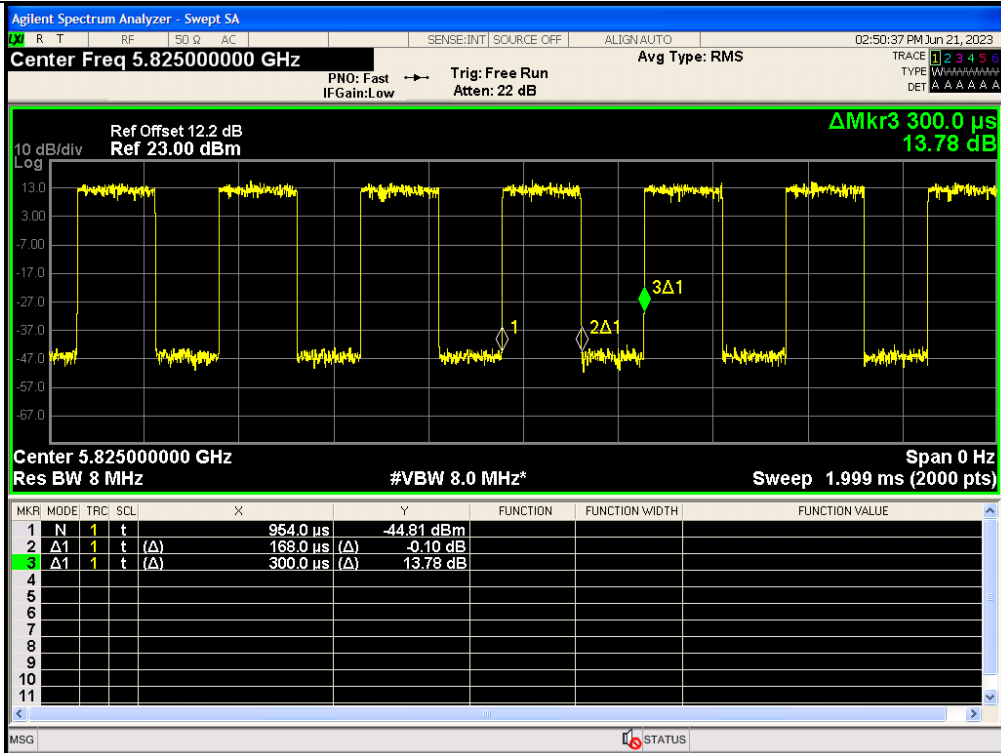
IEEE 802.11a_20MHz_Channel 165



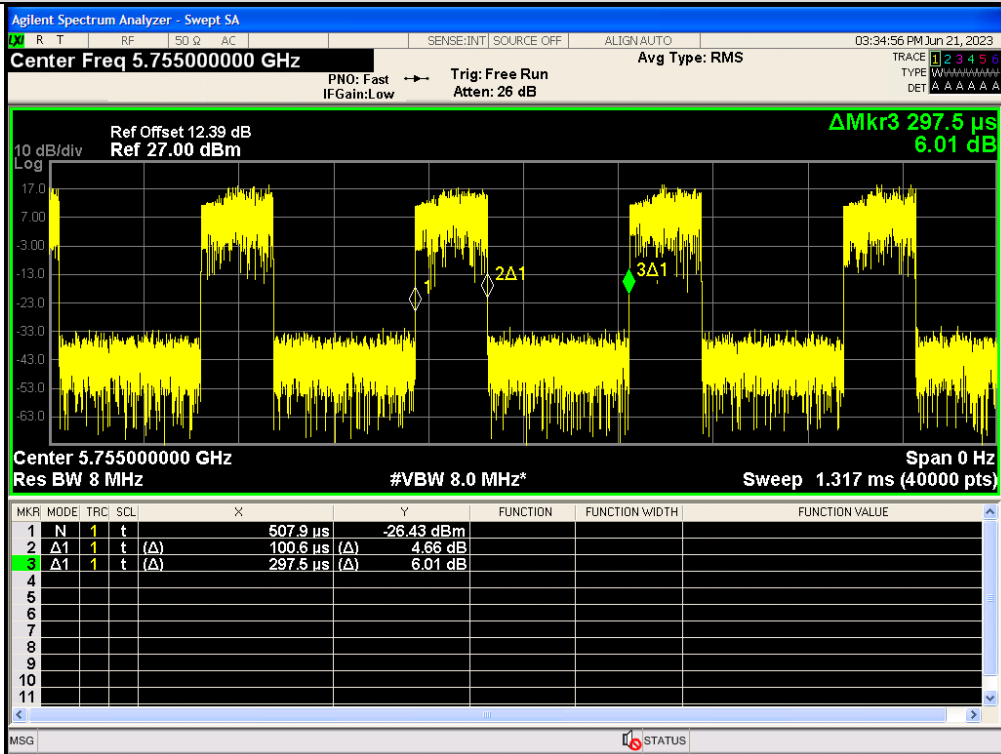
IEEE 802.11n_20MHz_Channel 149



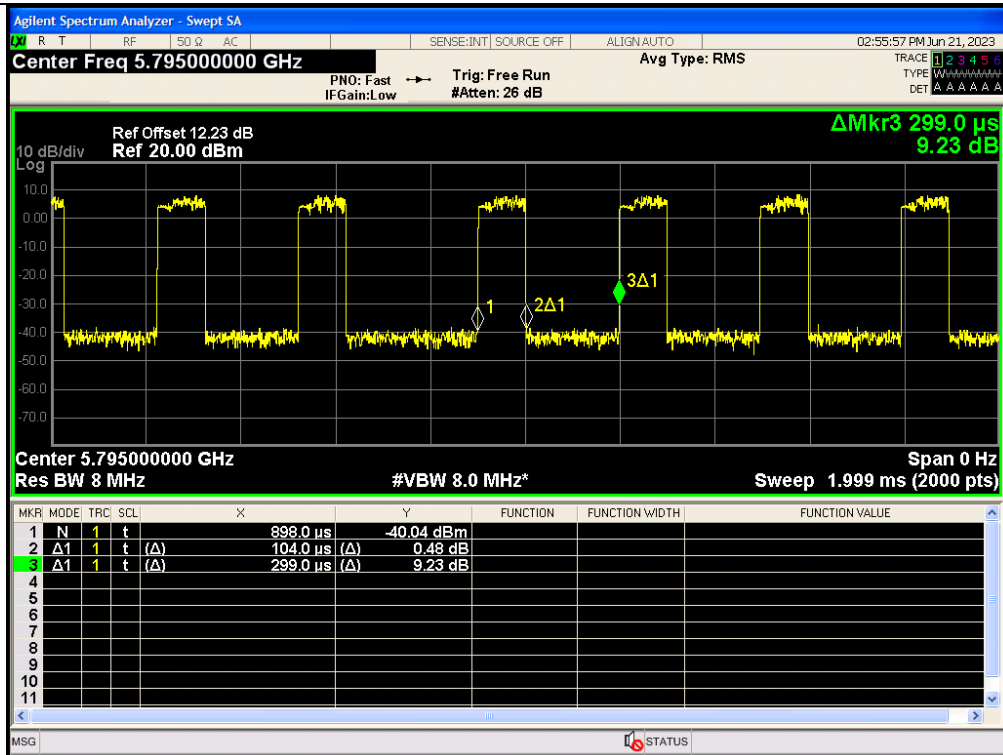
IEEE 802.11n_20MHz_Channel 157



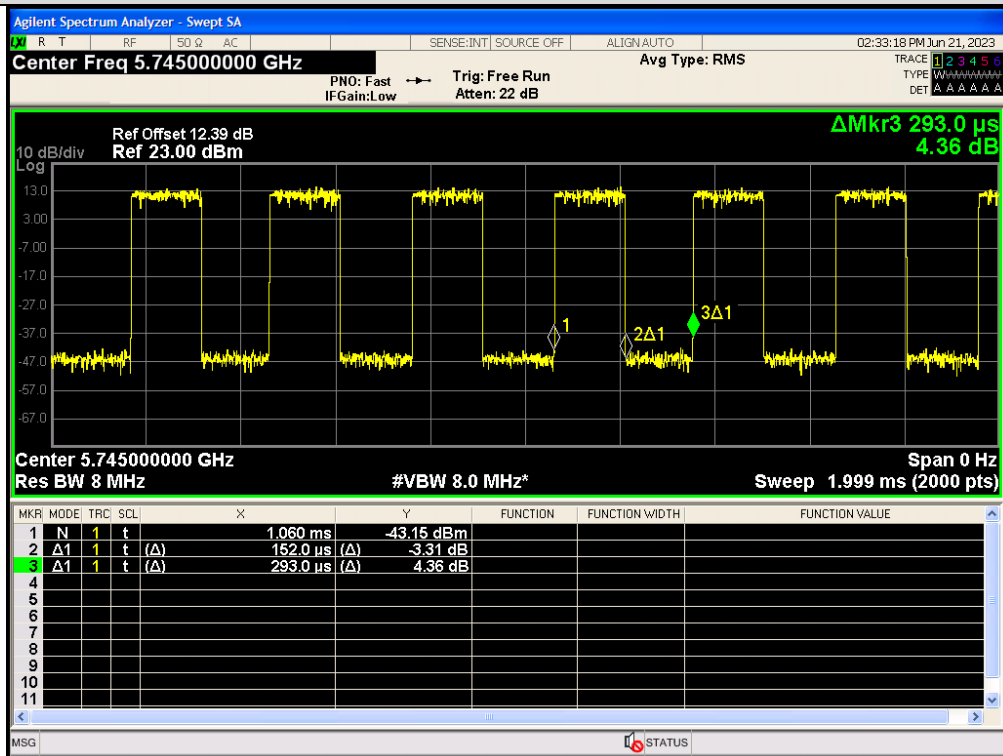
IEEE 802.11n_20MHz_Channel 165



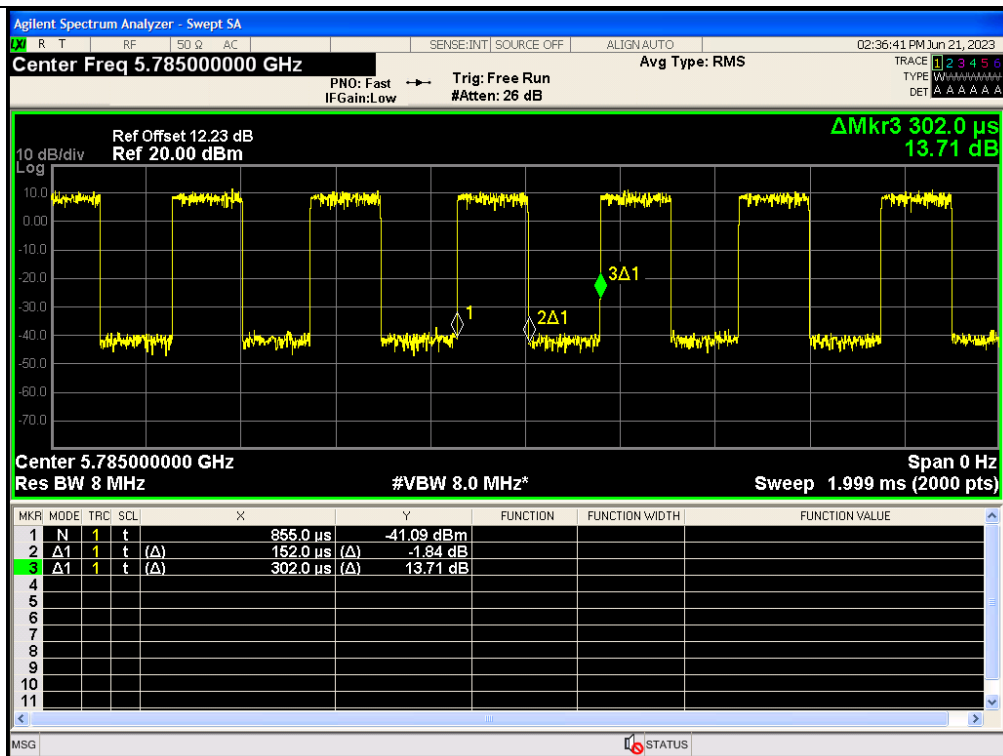
IEEE 802.11n_40MHz_Channel 151



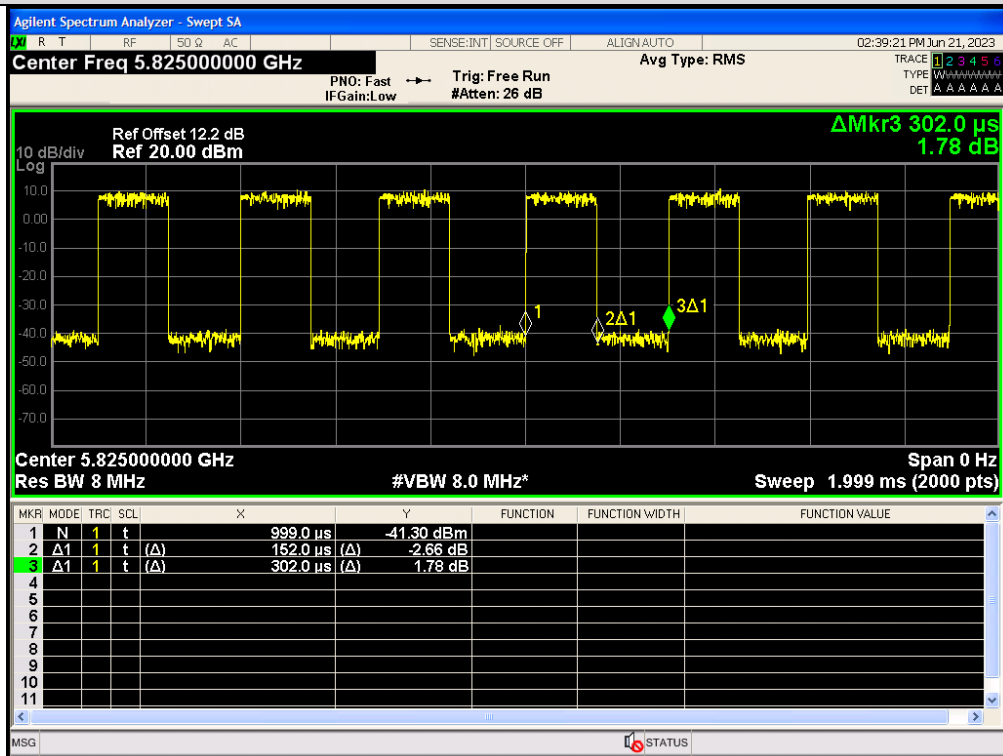
IEEE 802.11n 40MHz Channel 159



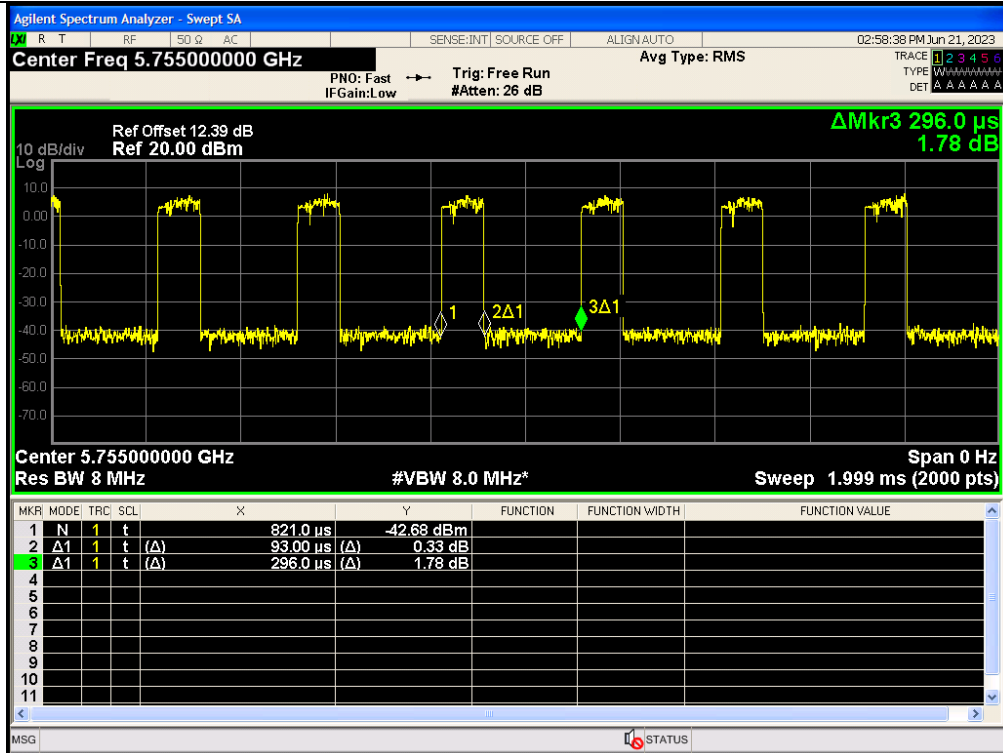
IEEE 802.11ac 20MHz Channel 149



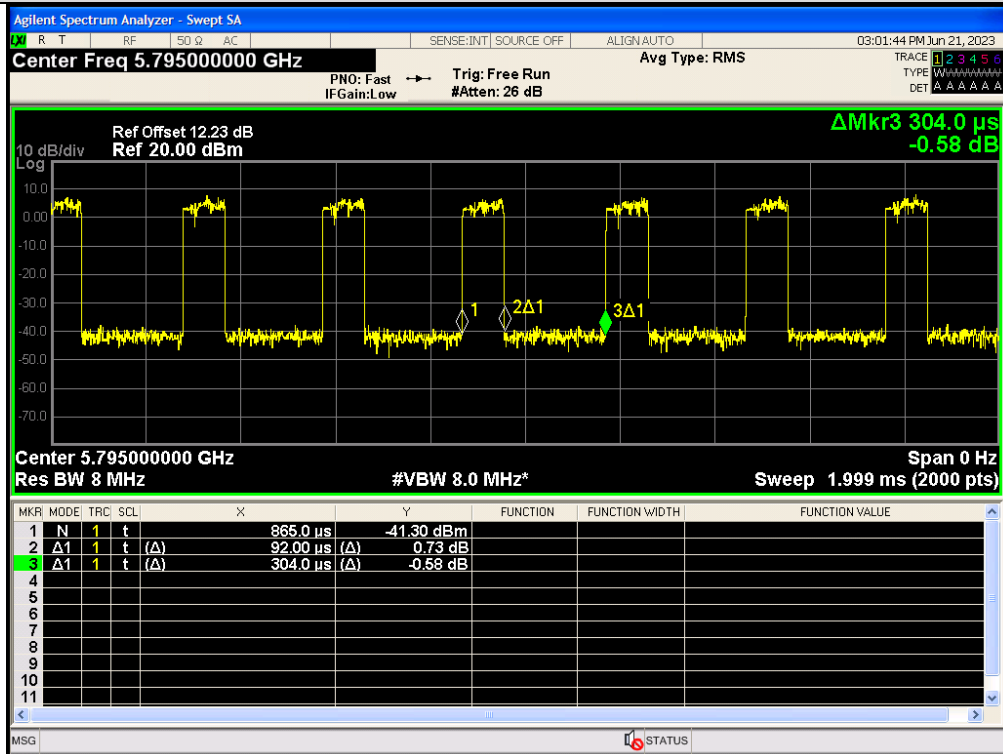
IEEE 802.11ac_20MHz_Channel 157



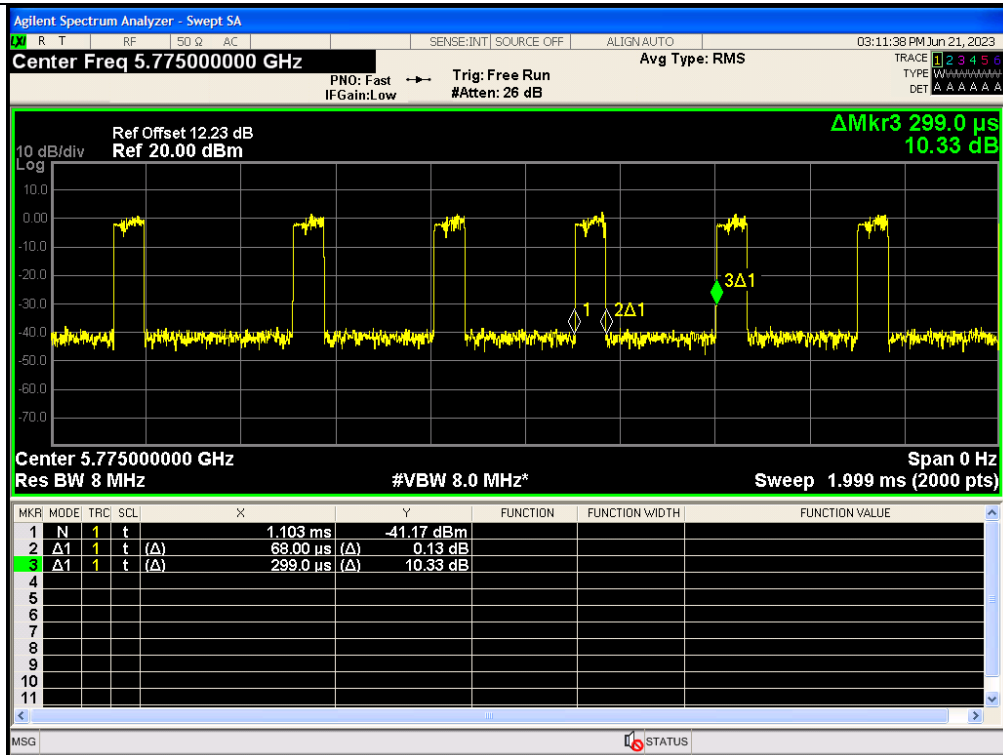
IEEE 802.11ac_20MHz_Channel 165



IEEE 802.11ac_40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



IEEE 802.11ac_80MHz_Channel 155

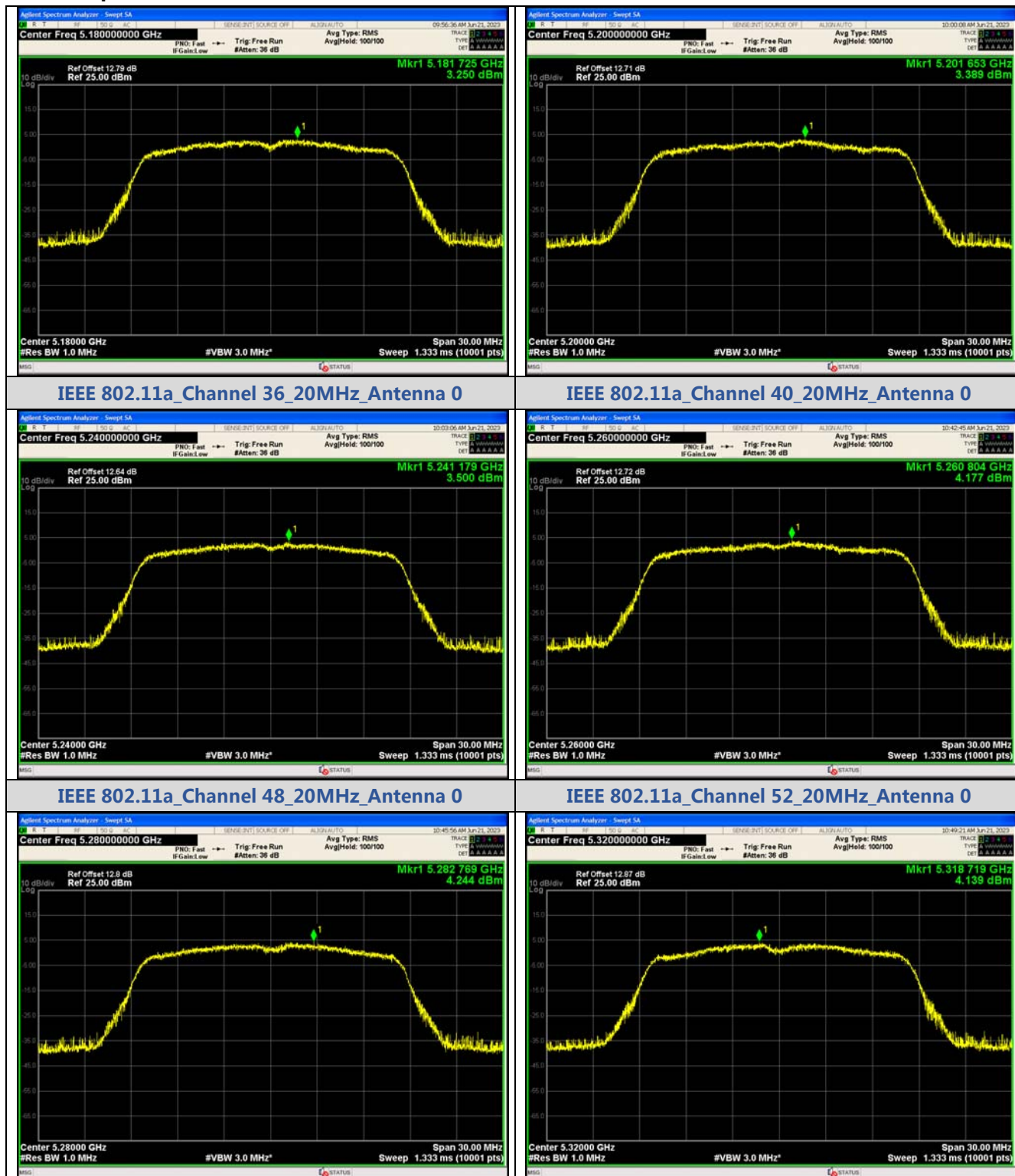
APPENDIX VIII. Peak Power Spectral Density

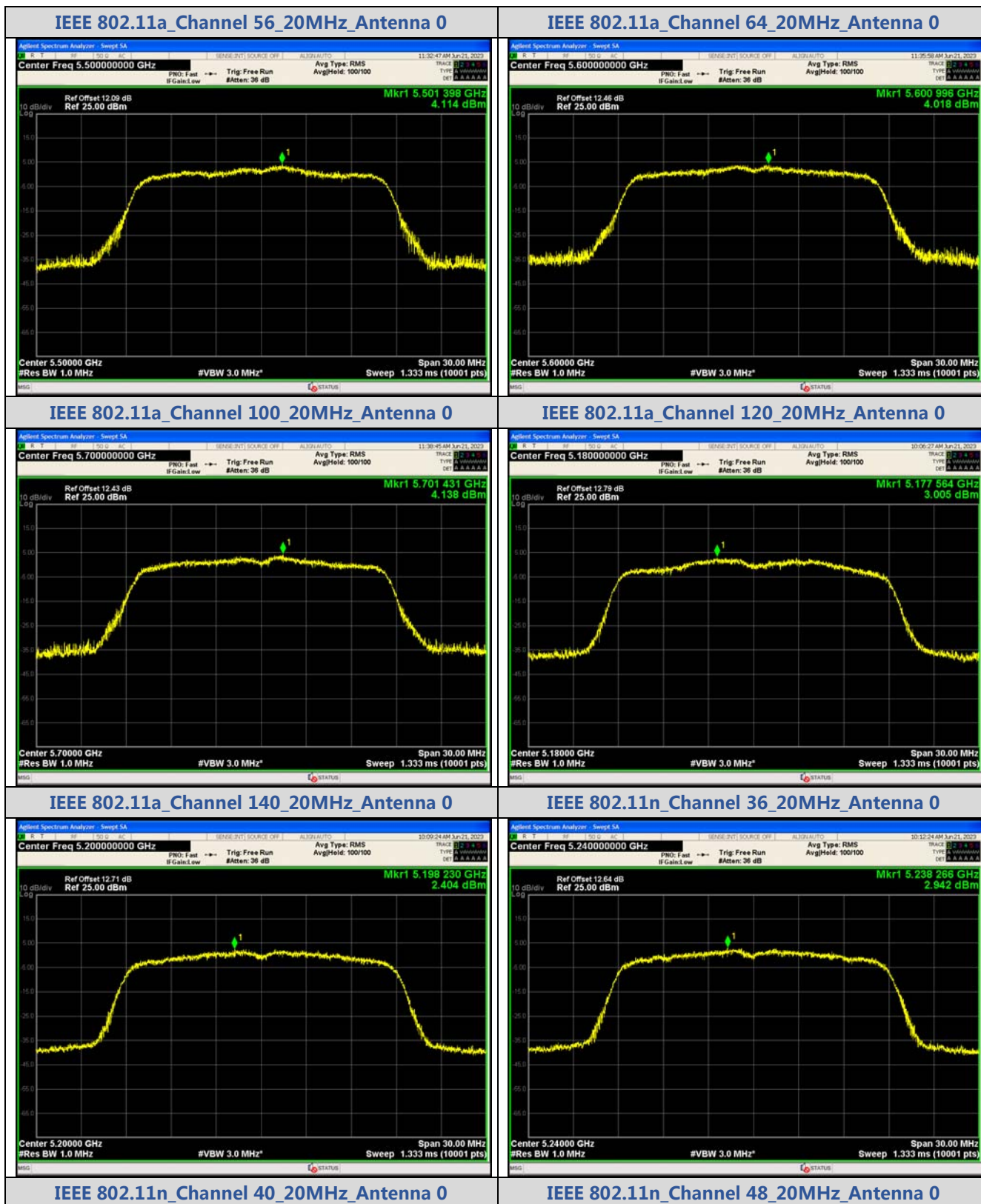
Test Result

Mode	Channel	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	36	3.250	5.498	10	PASS
	40	3.389	5.636		PASS
	48	3.500	5.748		PASS
	52	4.177	6.425		PASS
	56	4.244	6.492		PASS
	64	4.139	6.386		PASS
	100	4.114	6.361		PASS
	120	4.018	6.265		PASS
	140	4.138	6.386		PASS
IEEE 802.11n_20	36	3.005	5.523		PASS
	40	2.404	4.922		PASS
	48	2.942	5.46		PASS
	52	2.849	5.367		PASS
	56	3.644	6.162		PASS
	64	3.324	5.842		PASS
	100	2.903	5.421		PASS
	120	3.210	5.728		PASS
	140	2.504	5.022		PASS
IEEE 802.11n_40	38	-5.925	-1.296		PASS
	46	-0.915	3.714		PASS
	54	-1.048	3.581		PASS
	62	-4.351	0.278		PASS
	102	-5.640	-1.011		PASS
	118	-1.052	3.577	PASS	
	134	-1.569	3.06	PASS	
IEEE 802.11ac_20	36	1.058	4.04	PASS	
	40	5.341	8.323	PASS	
	48	6.036	9.018	PASS	
	52	5.626	8.608	PASS	
	56	6.399	9.381	PASS	
	64	2.651	5.633	PASS	
	100	1.481	4.463	PASS	
	120	1.046	4.028	PASS	
	140	0.927	3.909	PASS	
IEEE 802.11ac_40	38	-7.504	-2.313	PASS	
	46	1.307	6.498	PASS	

	54	1.352	6.543		PASS
	62	-6.595	-1.404		PASS
	102	-7.204	-2.013		PASS
	118	-4.144	1.047		PASS
	134	-7.061	-1.87		PASS
IEEE 802.11ac_80	42	-13.182	-6.622	PASS	
	58	-11.819	-5.259	PASS	
	122	-11.067	-4.507	PASS	

Test Graphs



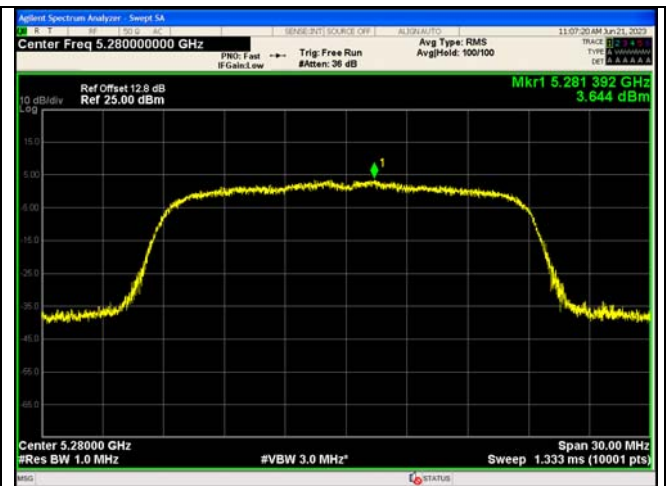


IEEE 802.11n_Channel 40_20MHz_Antenna 0

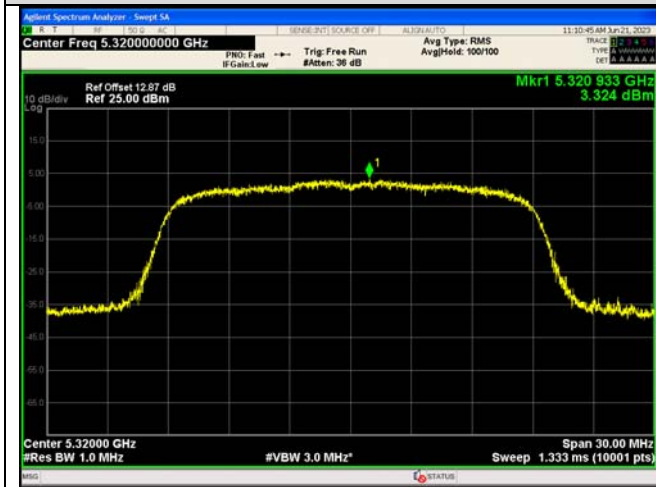
IEEE 802.11n_Channel 48_20MHz_Antenna 0



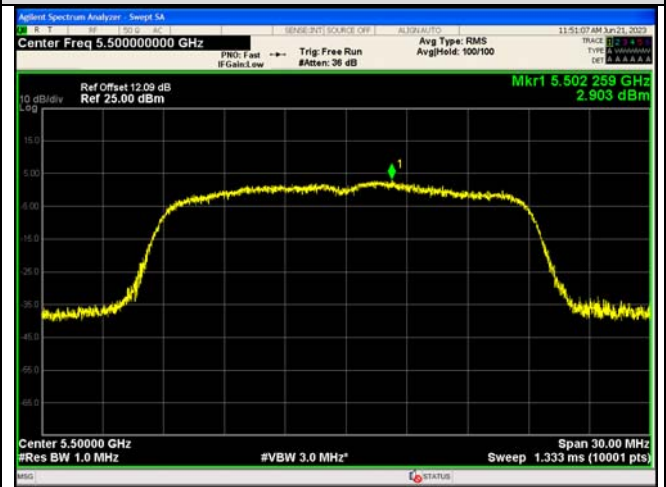
IEEE 802.11n_Channel 52_20MHz_Antenna 0



IEEE 802.11n_Channel 56_20MHz_Antenna 0



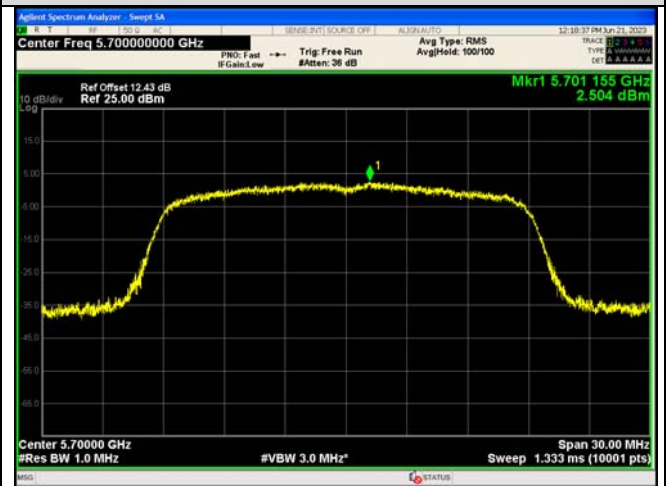
IEEE 802.11n_Channel 64_20MHz_Antenna 0



IEEE 802.11n_Channel 100_20MHz_Antenna 0



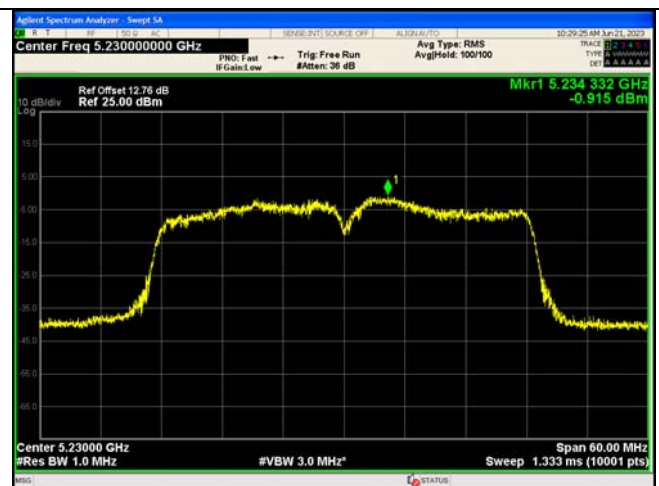
IEEE 802.11n_Channel 120_20MHz_Antenna 0



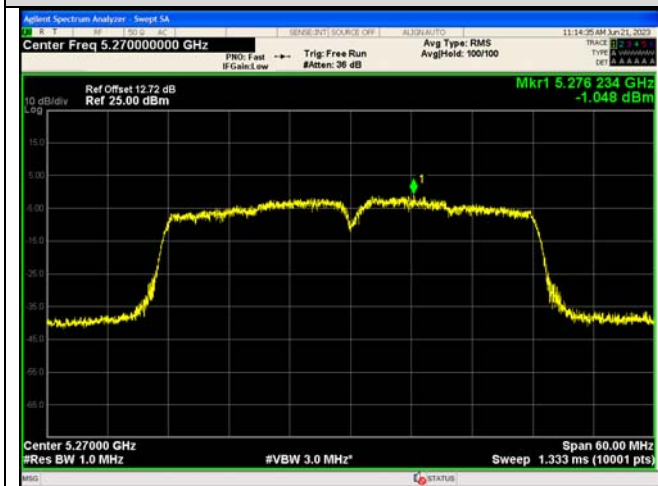
IEEE 802.11n_Channel 140_20MHz_Antenna 0



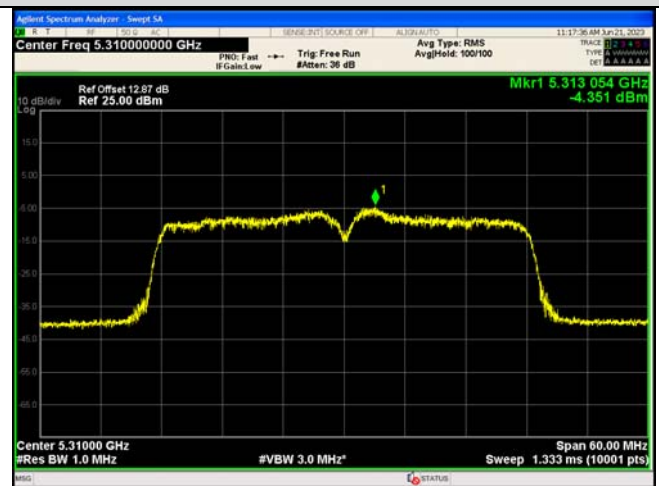
IEEE 802.11n_Channel 38_40MHz_Antenna 0



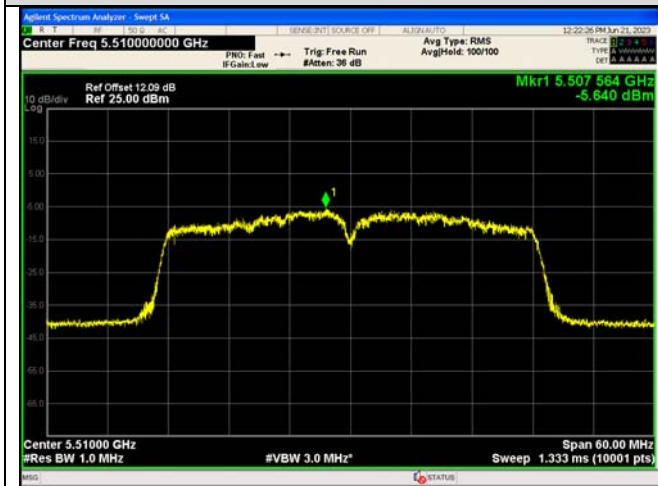
IEEE 802.11n_Channel 46_40MHz_Antenna 0



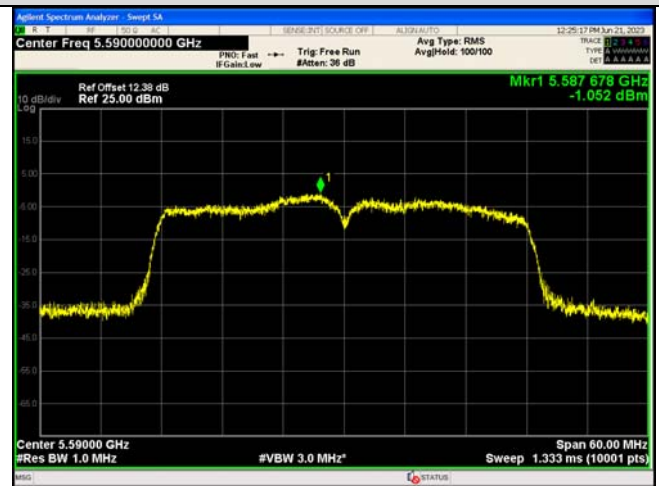
IEEE 802.11n_Channel 54_40MHz_Antenna 0



IEEE 802.11n_Channel 62_40MHz_Antenna 0



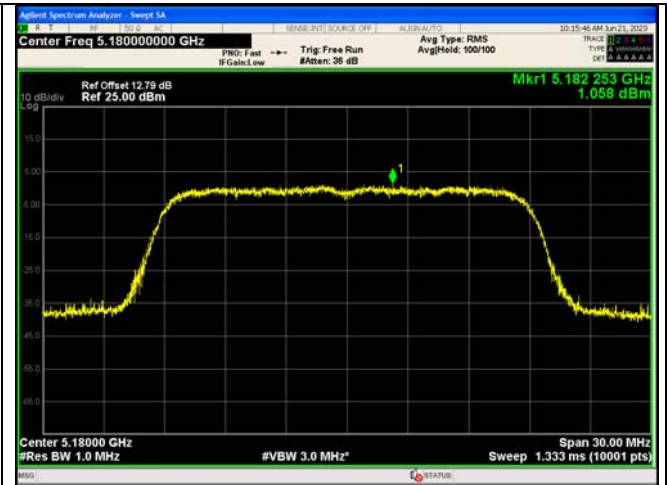
IEEE 802.11n_Channel 102_40MHz_Antenna 0



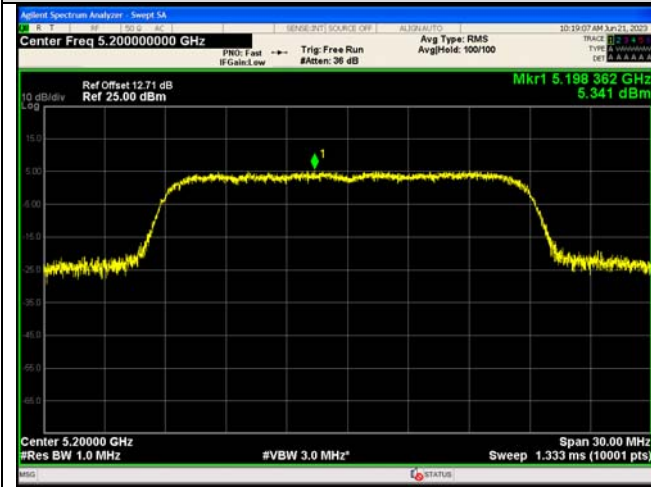
IEEE 802.11n_Channel 118_40MHz_Antenna 0



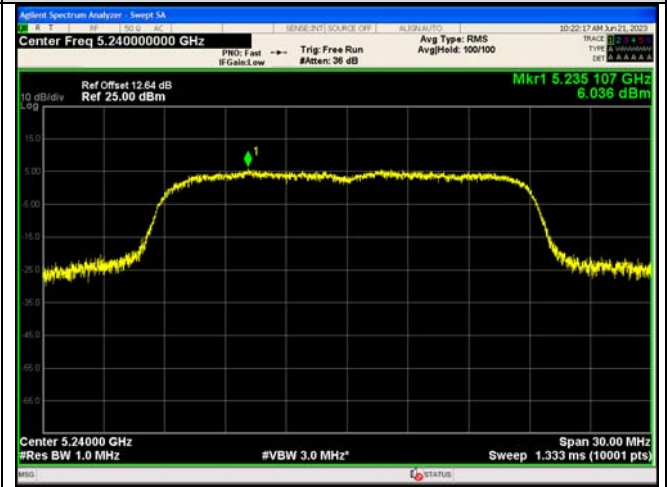
IEEE 802.11n_Channel 134_40MHz_Antenna 0



IEEE 802.11ac_Channel 36_20MHz_Antenna 0



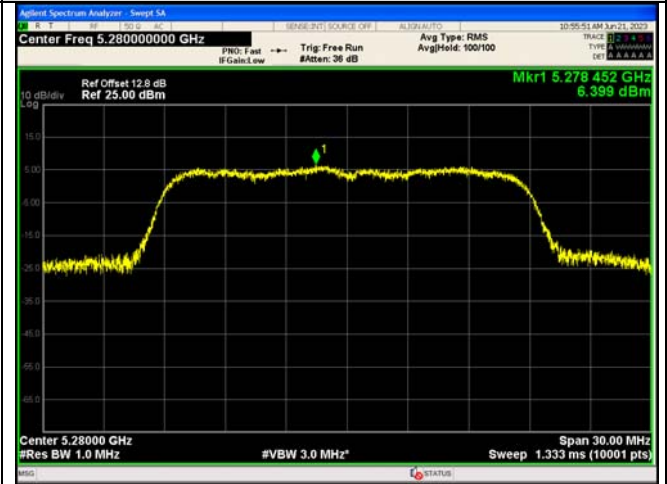
IEEE 802.11ac_Channel 40_20MHz_Antenna 0



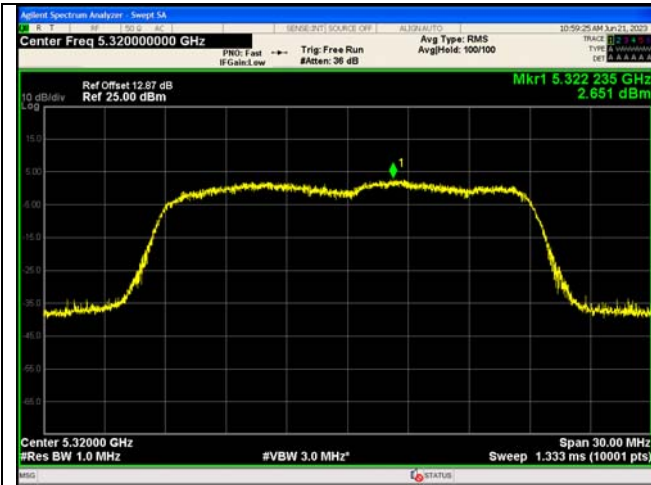
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



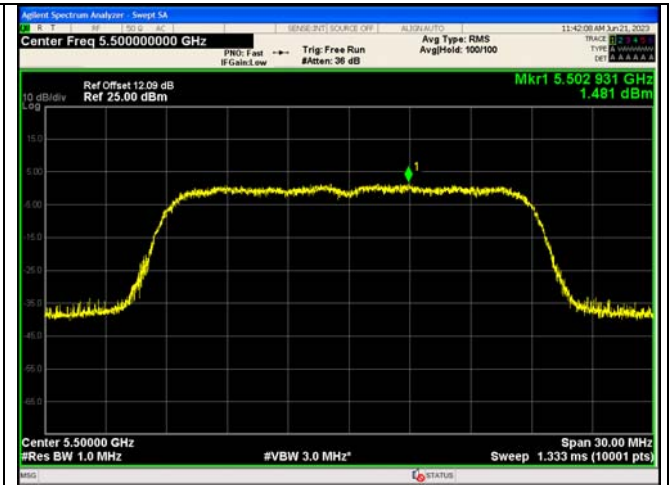
IEEE 802.11ac_Channel 52_20MHz_Antenna 0



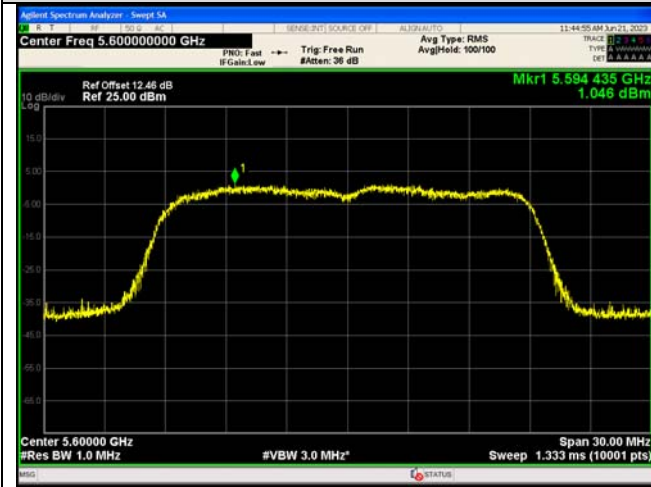
IEEE 802.11ac_Channel 56_20MHz_Antenna 0



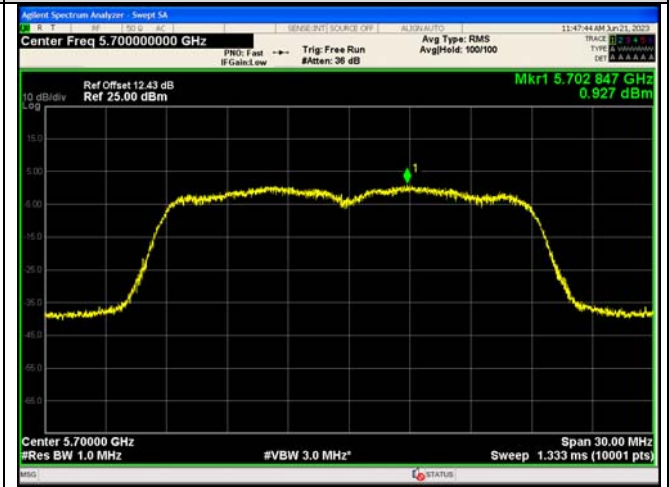
IEEE 802.11ac_Channel 64_20MHz_Antenna 0



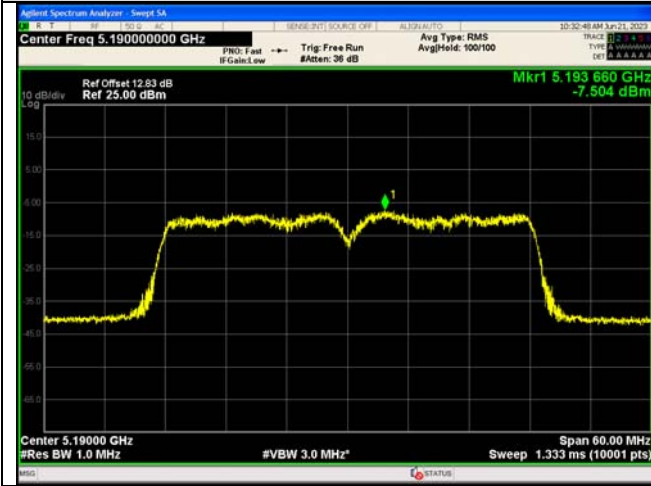
IEEE 802.11ac_Channel 100_20MHz_Antenna 0



IEEE 802.11ac_Channel 120_20MHz_Antenna 0



IEEE 802.11ac_Channel 140_20MHz_Antenna 0



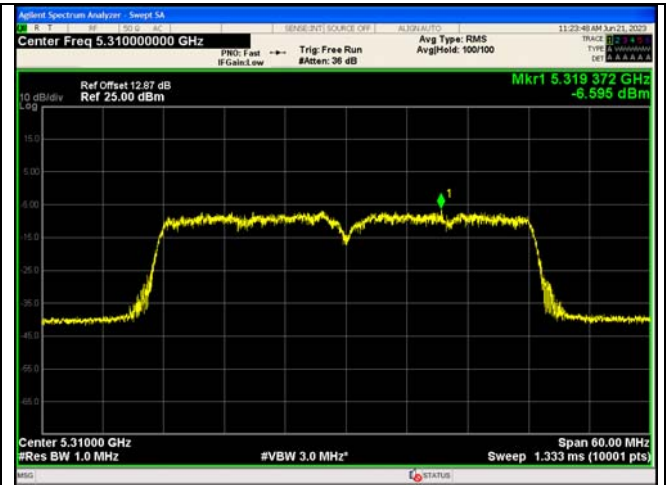
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



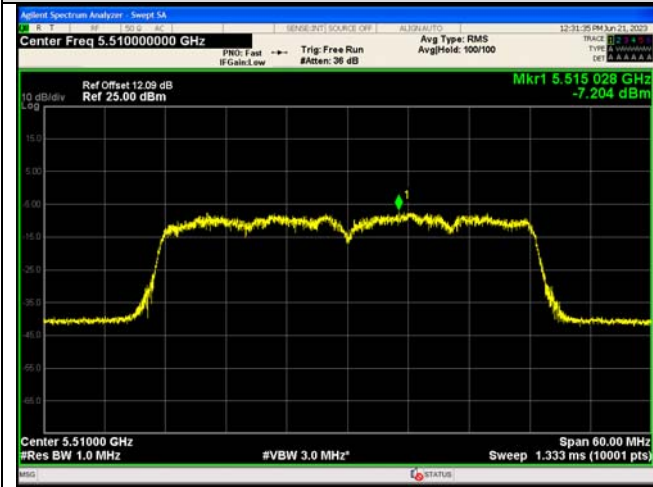
IEEE 802.11ac_Channel 46_40MHz_Antenna 0



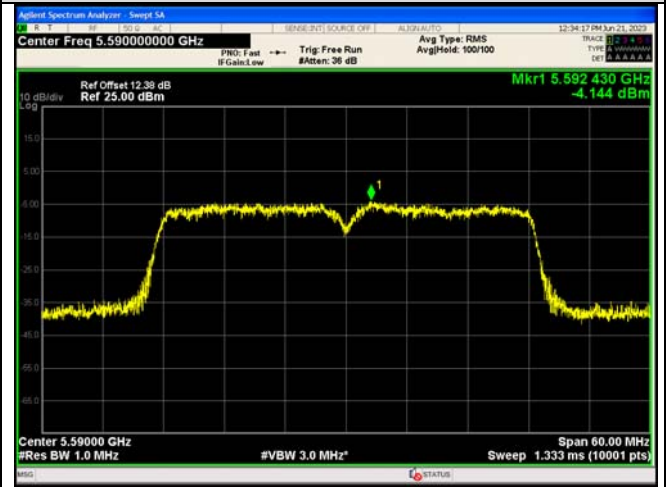
IEEE 802.11ac_Channel 54_40MHz_Antenna 0



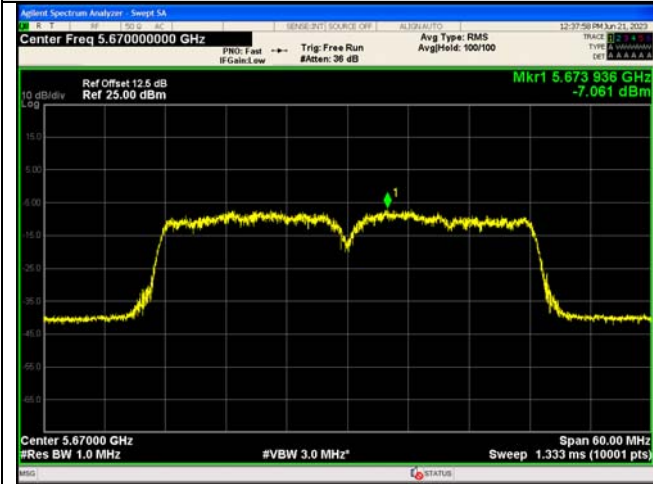
IEEE 802.11ac_Channel 62_40MHz_Antenna 0



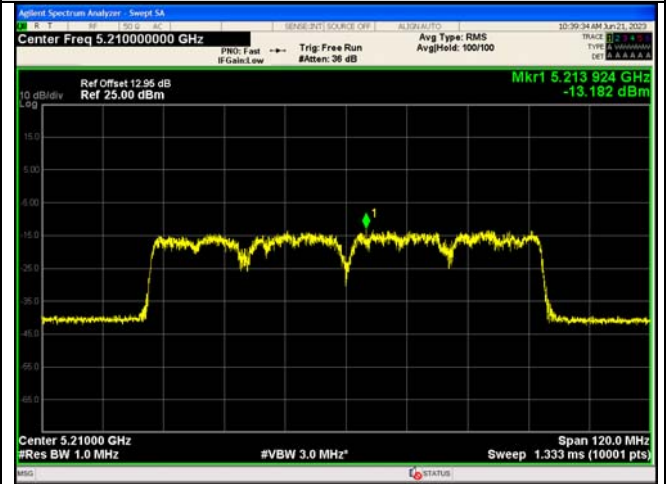
IEEE 802.11ac_Channel 102_40MHz_Antenna 0



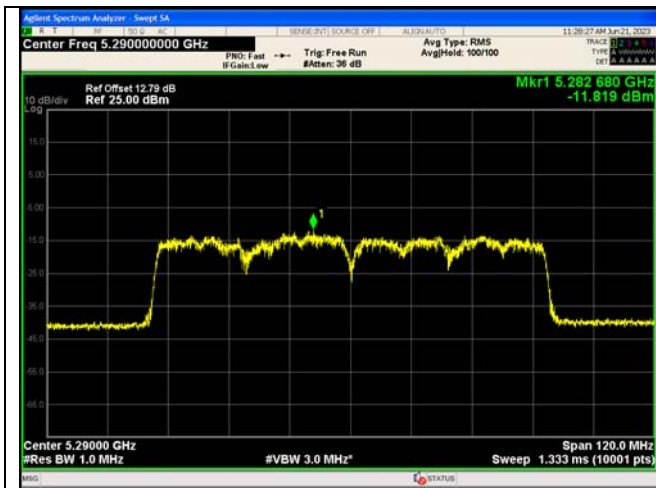
IEEE 802.11ac_Channel 118_40MHz_Antenna 0



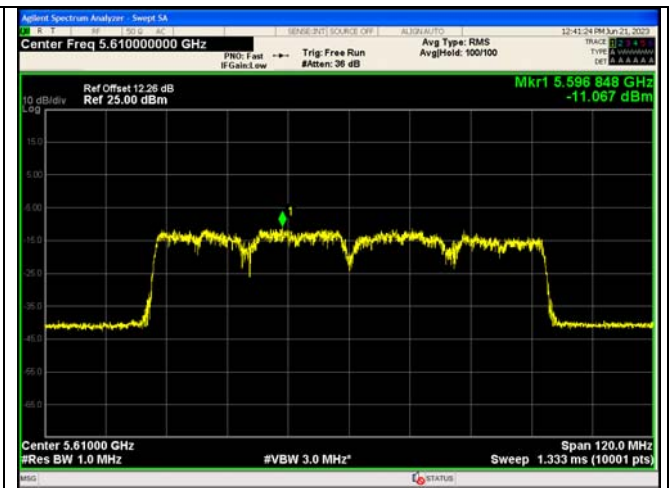
IEEE 802.11ac_Channel 134_40MHz_Antenna 0



IEEE 802.11ac_Channel 42_80MHz_Antenna 0



IEEE 802.11ac_Channel 58_80MHz_Antenna 0

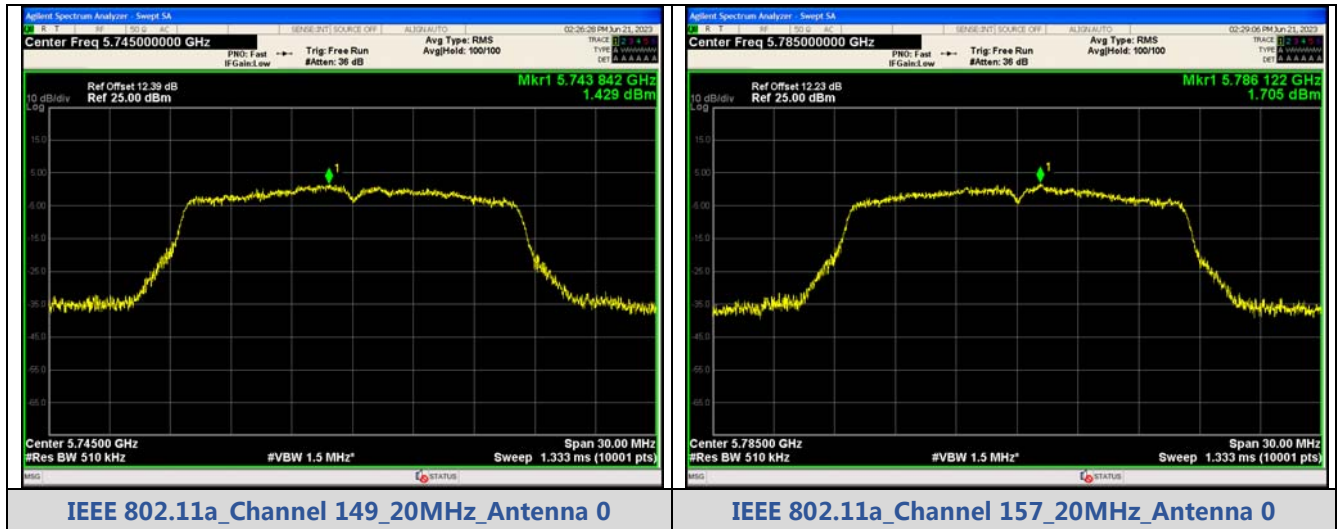


IEEE 802.11ac_Channel 122_80MHz_Antenna 0

Test Result

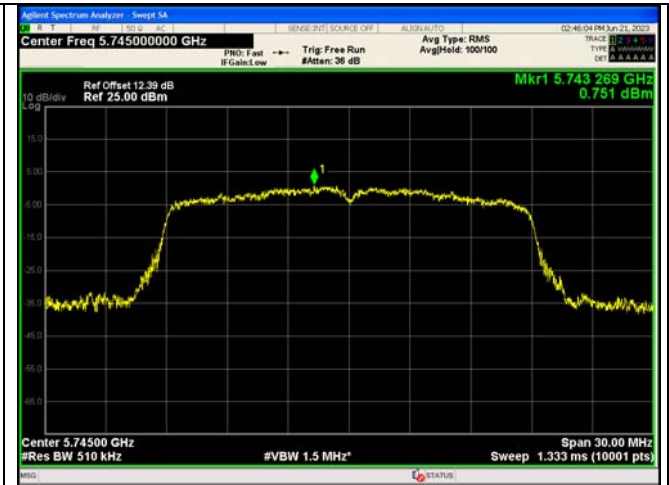
Mode	Channel	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	149	1.429	4.178	10	PASS
	157	1.705	4.454		PASS
	165	0.293	3.042		PASS
IEEE 802.11n_20	149	0.751	3.269		PASS
	157	0.769	3.287		PASS
	165	0.025	2.543		PASS
IEEE 802.11n_40	151	-2.742	1.968		PASS
	159	-7.965	-3.255		PASS
IEEE 802.11ac_20	149	-0.979	2.003		PASS
	157	-4.748	-1.766		PASS
	165	-4.895	-1.913		PASS
IEEE 802.11ac_40	151	-8.857	-3.666		PASS
	159	-9.342	-4.151		PASS
IEEE 802.11ac_80	155	-14.763	-8.331		PASS

Test Graphs





IEEE 802.11a_Channel 165_20MHz_Antenna 0



IEEE 802.11n_Channel 149_20MHz_Antenna 0



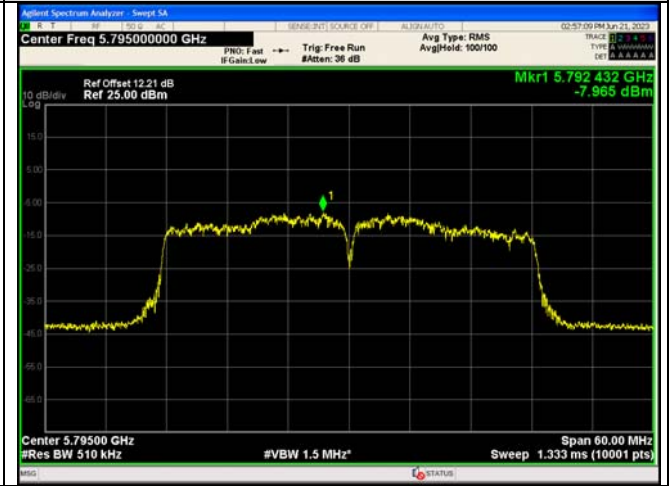
IEEE 802.11n_Channel 157_20MHz_Antenna 0



IEEE 802.11n_Channel 165_20MHz_Antenna 0



IEEE 802.11n_Channel 151_40MHz_Antenna 0



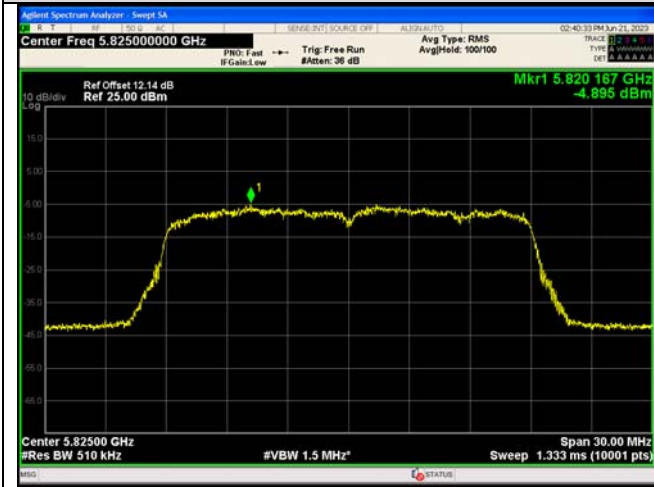
IEEE 802.11n_Channel 159_40MHz_Antenna 0



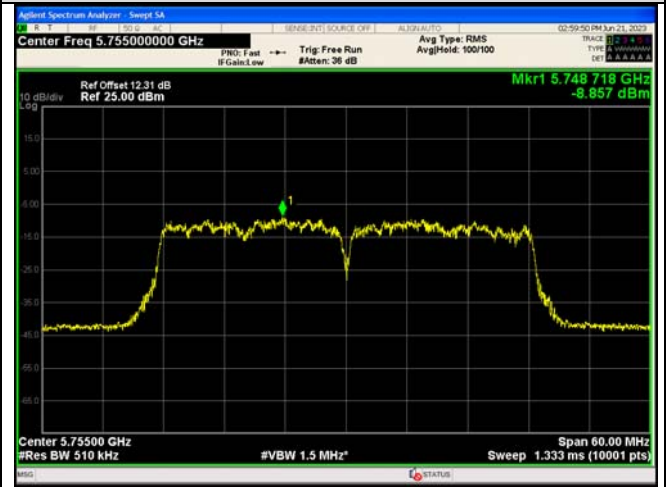
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



IEEE 802.11ac_Channel 157_20MHz_Antenna 0



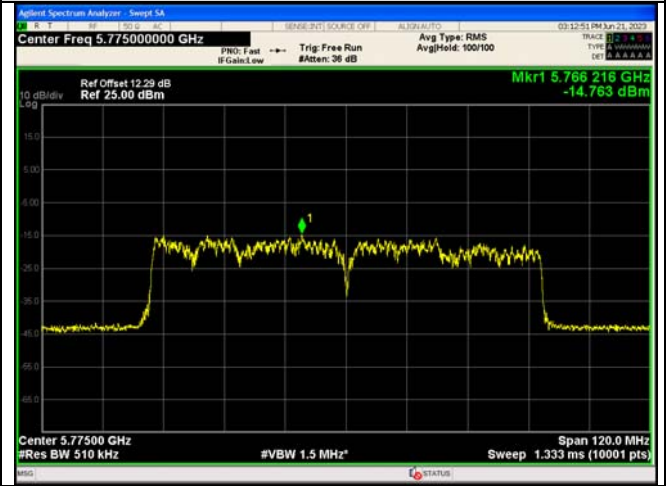
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



IEEE 802.11ac_Channel 151_40MHz_Antenna 0



IEEE 802.11ac_Channel 159_40MHz_Antenna 0



IEEE 802.11ac_Channel 155_80MHz_Antenna 0

***** End of Report *****