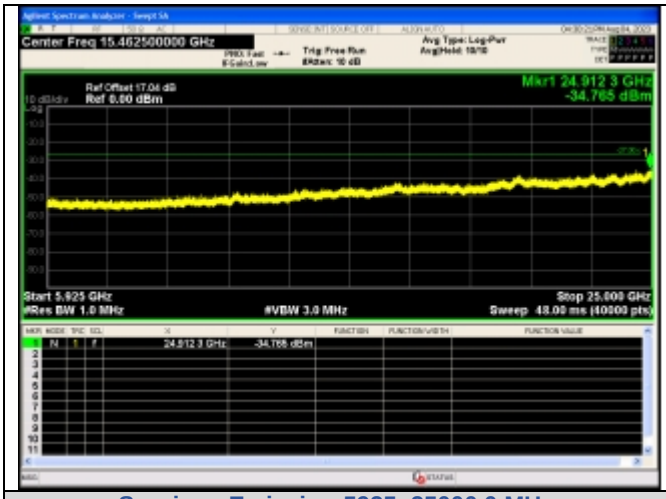
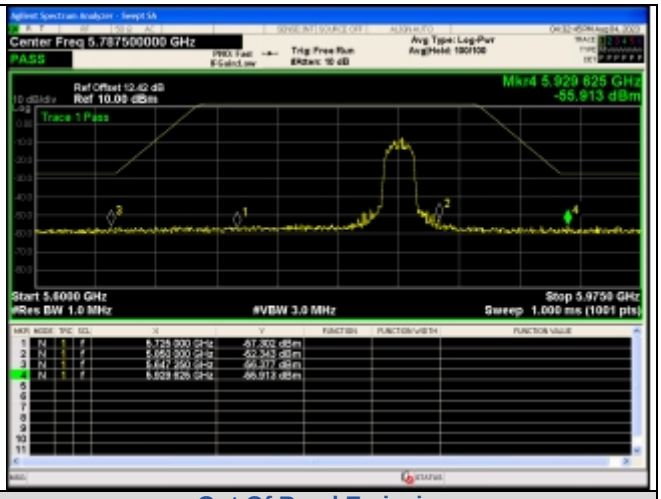
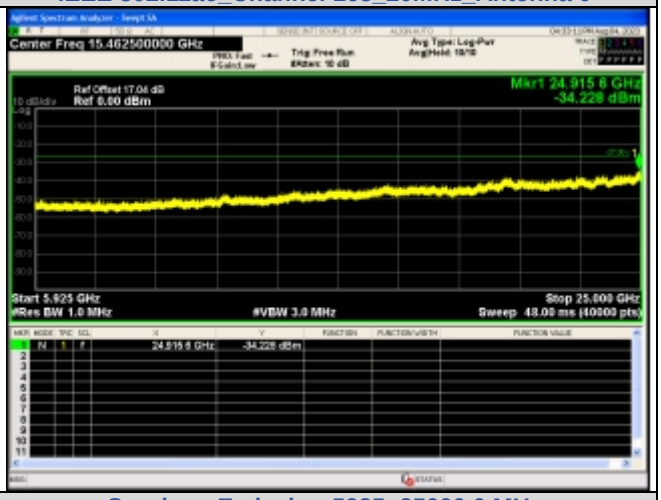


Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



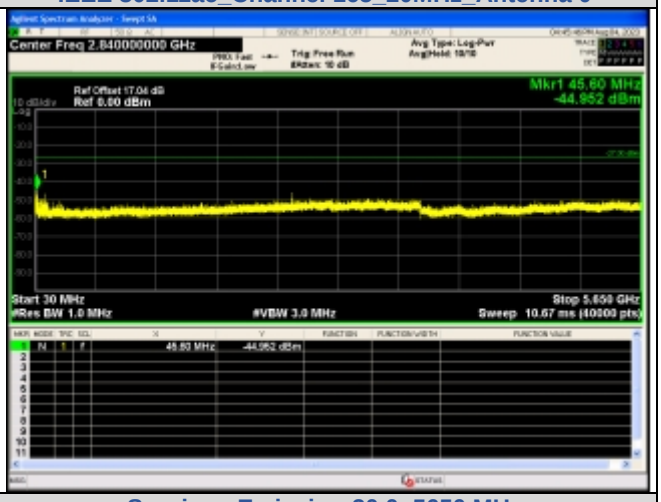
Out Of Band Emission
IEEE 802.11ac_Channel 165_20MHz_Antenna 0

Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 165_20MHz_Antenna 0

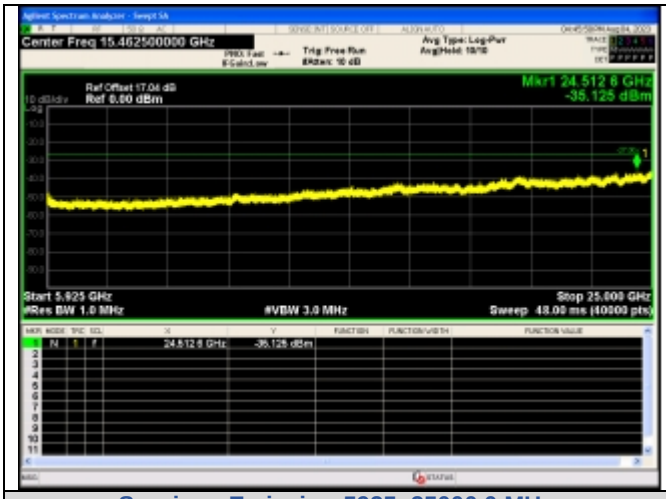


Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 165_20MHz_Antenna 0

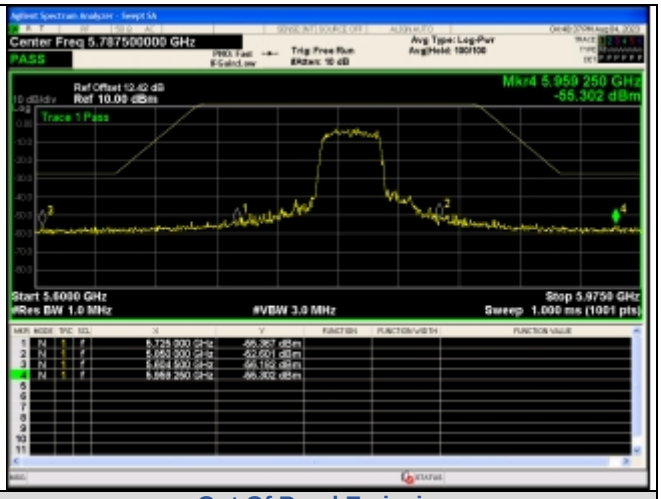
Out Of Band Emission
IEEE 802.11ac_Channel 151_40MHz_Antenna 0



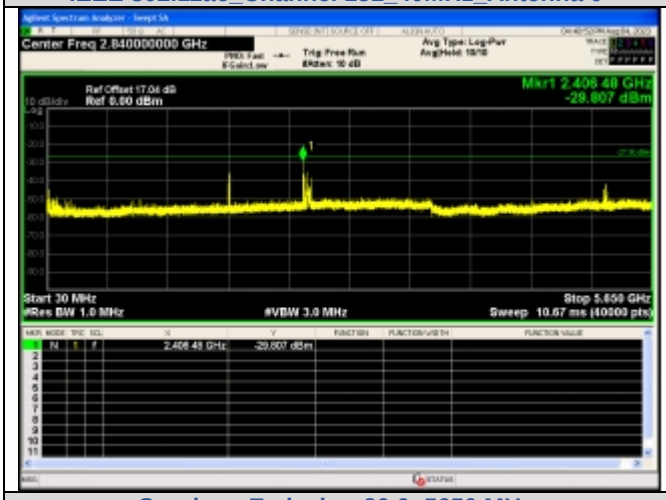
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 151_40MHz_Antenna 0



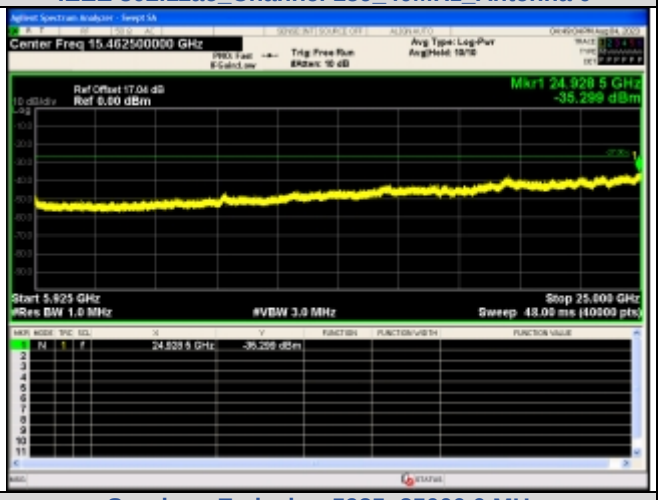
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 151_40MHz_Antenna 0



Out Of Band Emission
IEEE 802.11ac_Channel 159_40MHz_Antenna 0

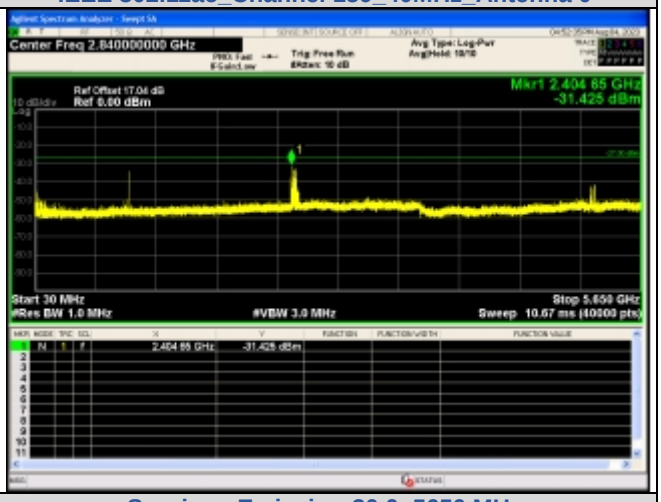


Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 159_40MHz_Antenna 0

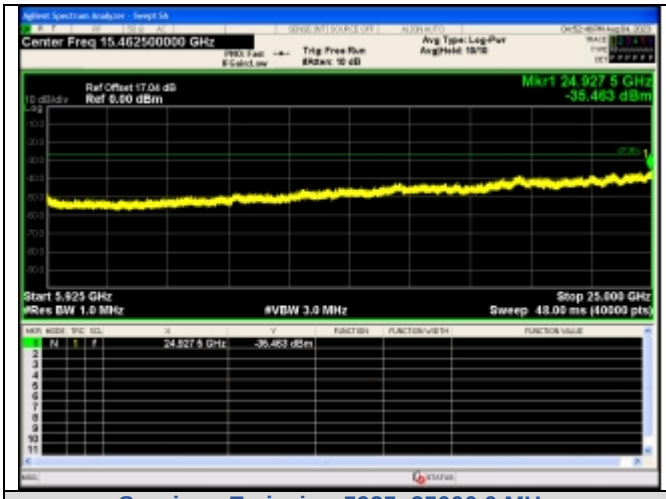


Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 159_40MHz_Antenna 0

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

	Void
Spurious Emission:5925~25000.0 MHz IEEE 802.11ac_Channel 155_80MHz_Antenna 0	

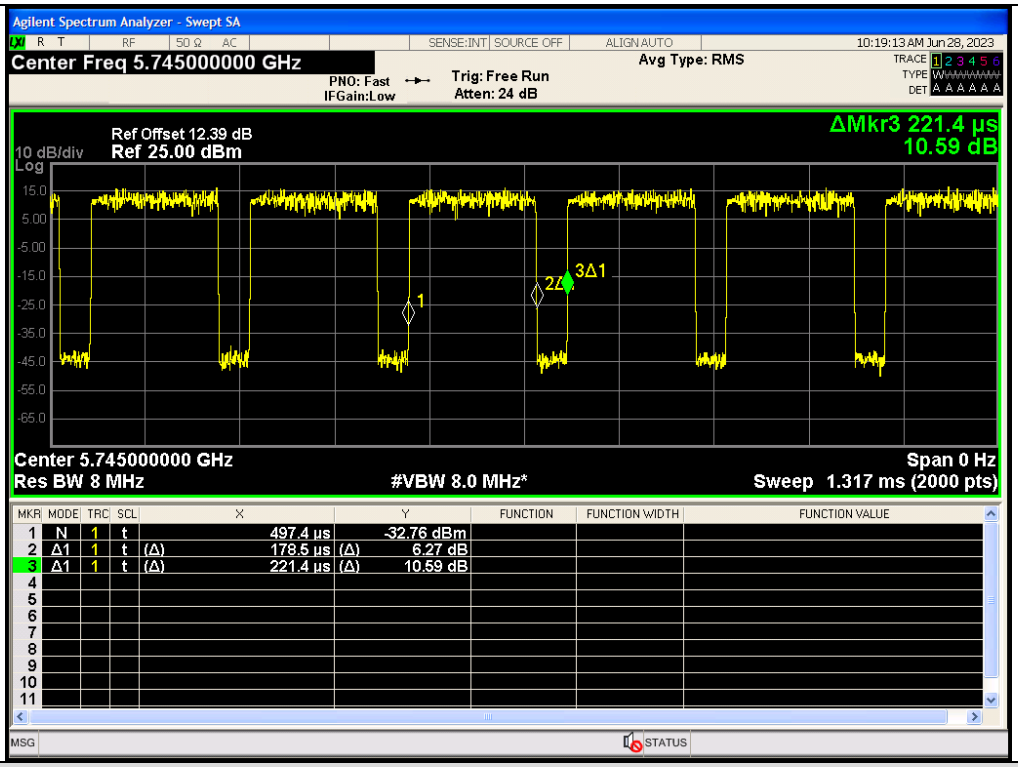
APPENDIX VII.Duty Cycle

Test Result

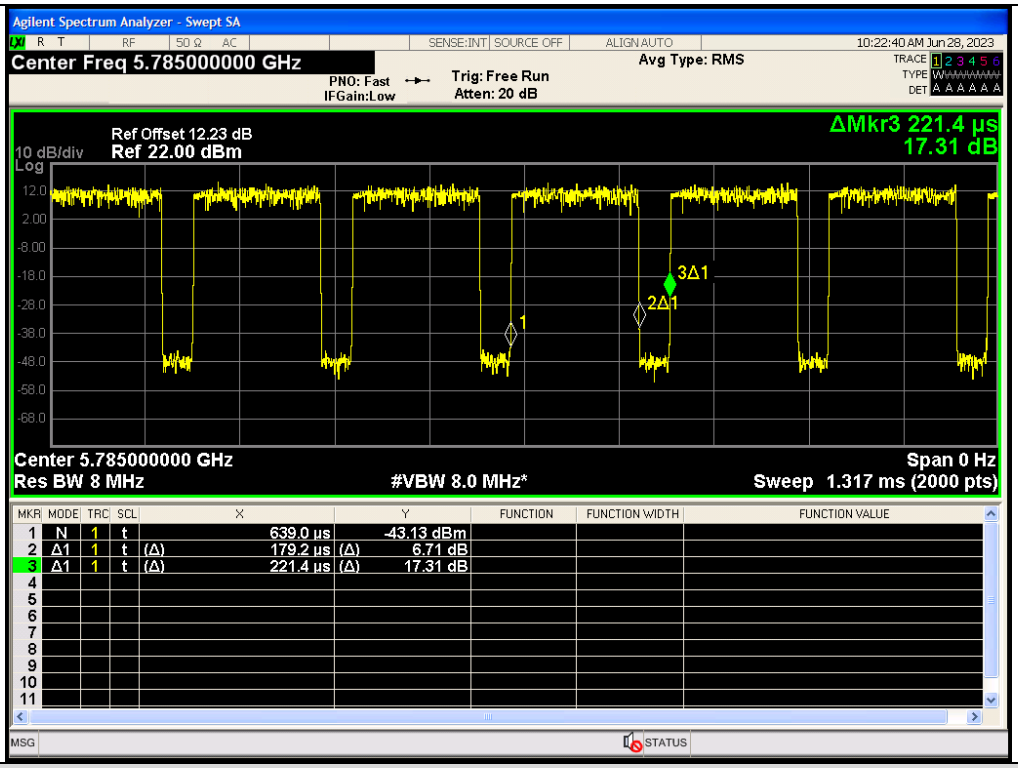
Antenna A:

Mode	Data rates	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11a	54	149	0.179	0.221	80.65	0.8065	0.934
		157	0.179	0.221	80.95	0.8095	0.9178
		165	0.179	0.221	80.95	0.8095	0.9178
IEEE 802.11n_20	MCS 7	149	0.167	0.209	79.56	0.7956	0.9931
		157	0.167	0.209	79.81	0.7981	0.9794
		165	0.167	0.209	79.56	0.7956	0.9931
IEEE 802.11n_40		151	0.102	0.144	70.52	0.7052	1.5169
		159	0.102	0.144	70.52	0.7052	1.5169
IEEE 802.11ac_20	MCS 9	149	0.151	0.194	77.89	0.7789	1.0852
		157	0.150	0.193	77.82	0.7782	1.0891
		165	0.151	0.194	77.89	0.7789	1.0852
IEEE 802.11ac_40		151	0.091	0.502	18.11	0.1811	7.4208
		159	0.090	0.132	68.16	0.6816	1.6647
IEEE 802.11ac_80		155	0.066	0.118	55.97	0.5597	2.5204

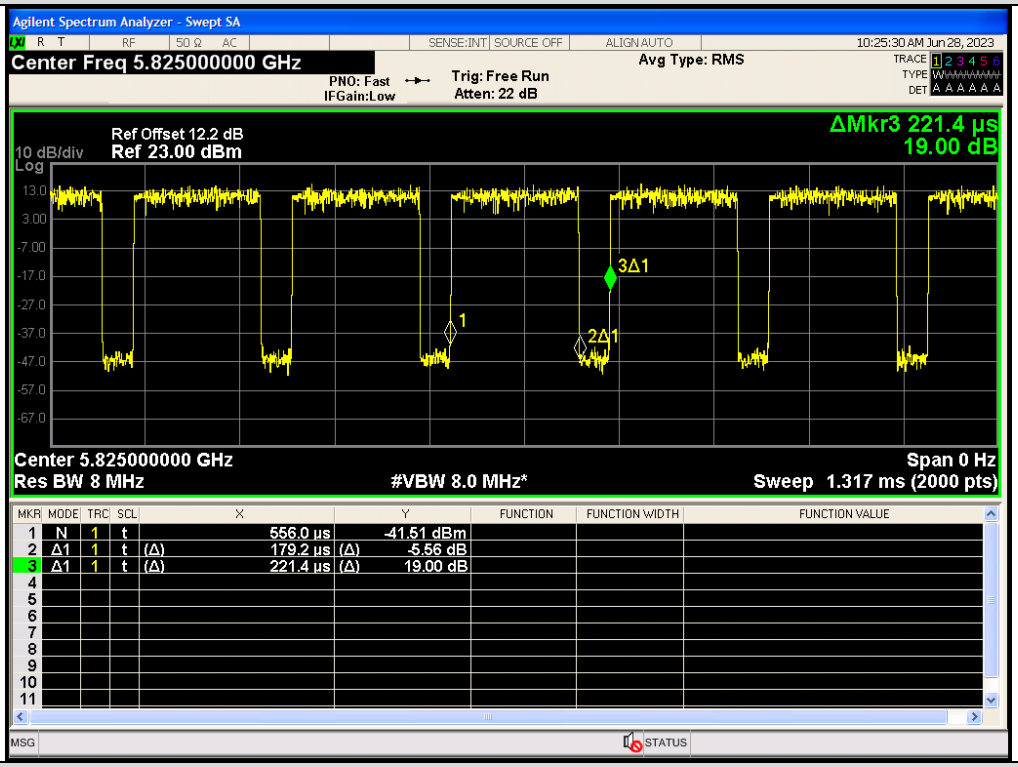
Test Graphs



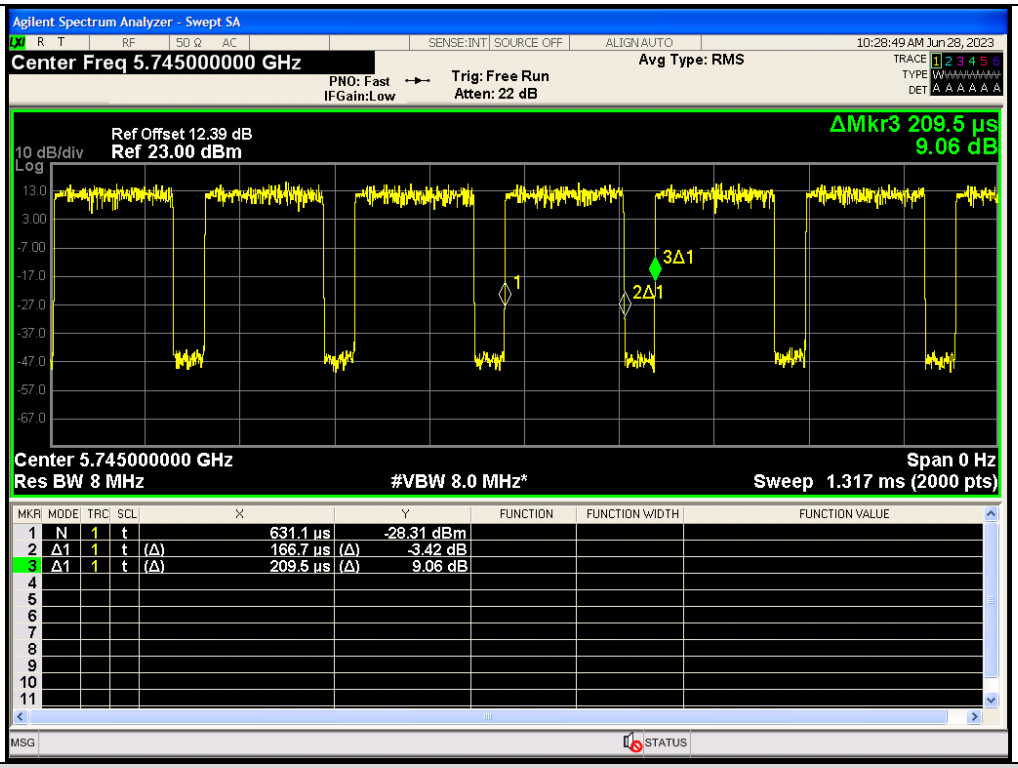
IEEE 802.11a_20MHz_Channel 149



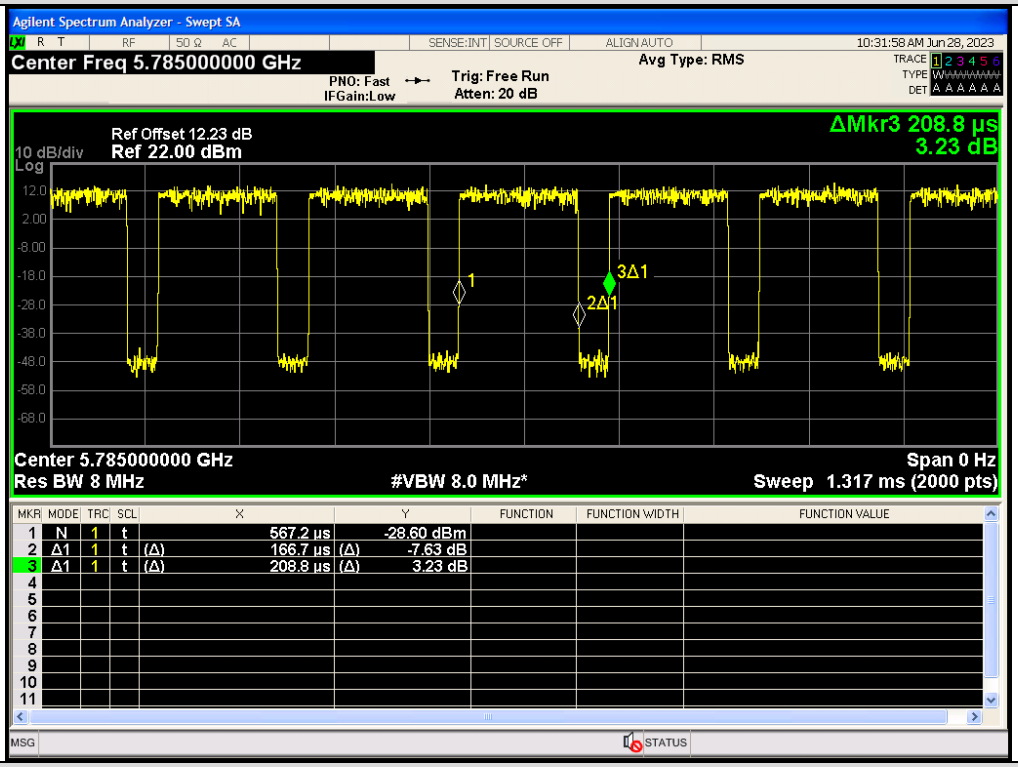
IEEE 802.11a_20MHz_Channel 157



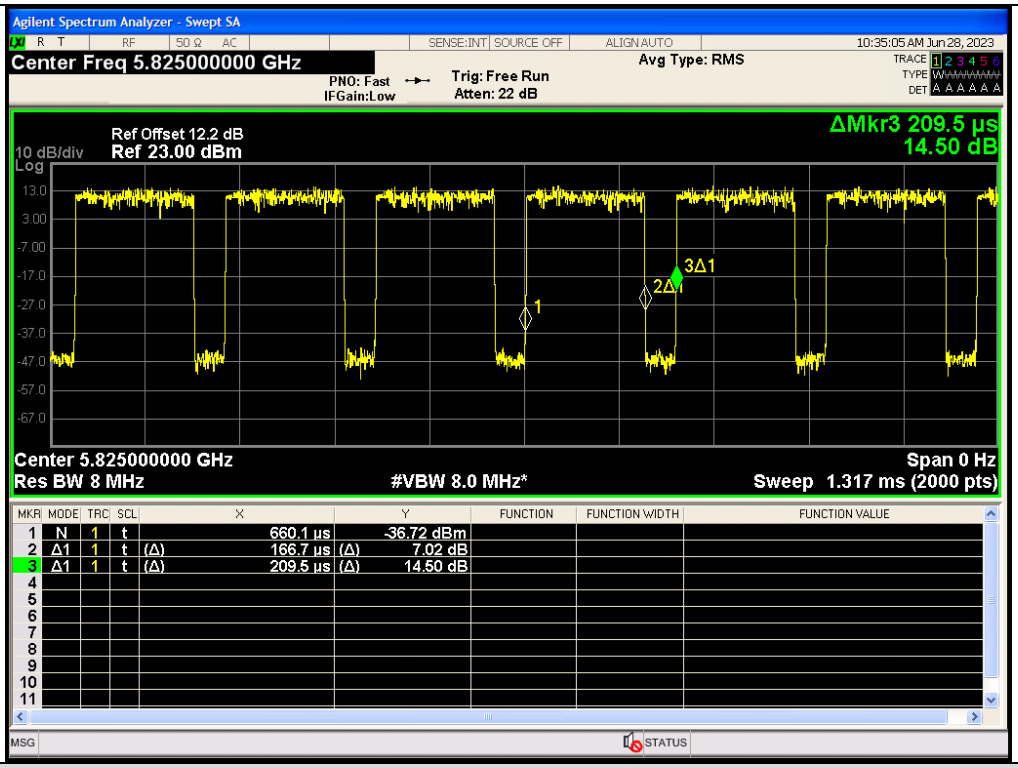
IEEE 802.11a_20MHz_Channel 165



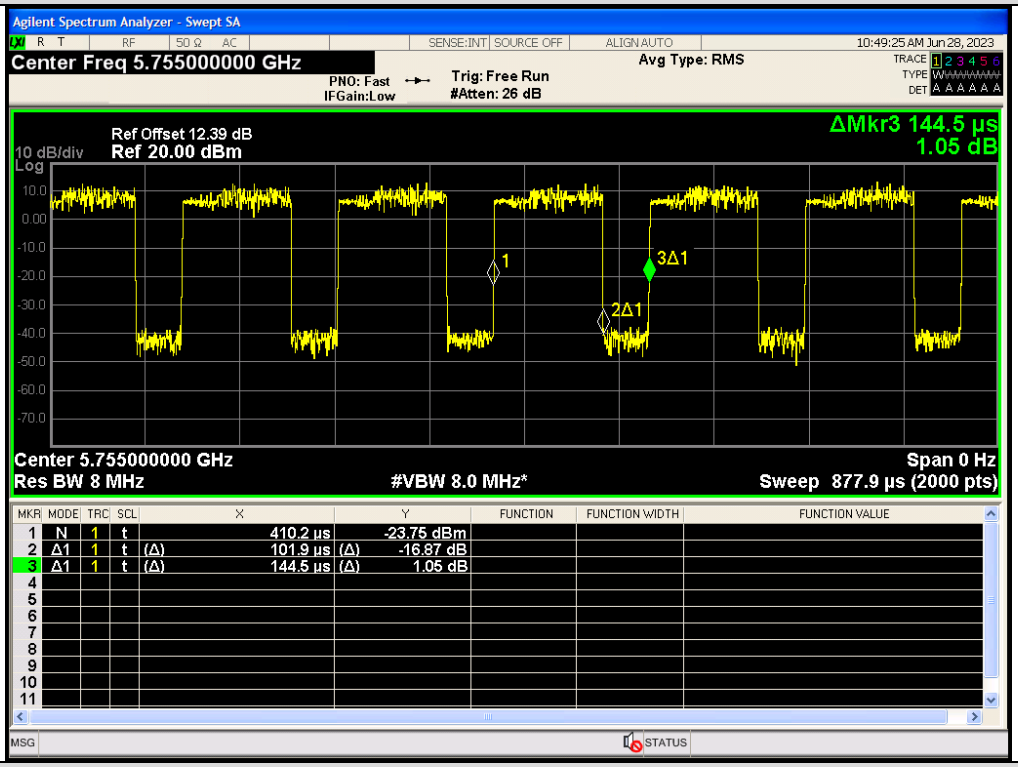
IEEE 802.11n_20MHz_Channel 149



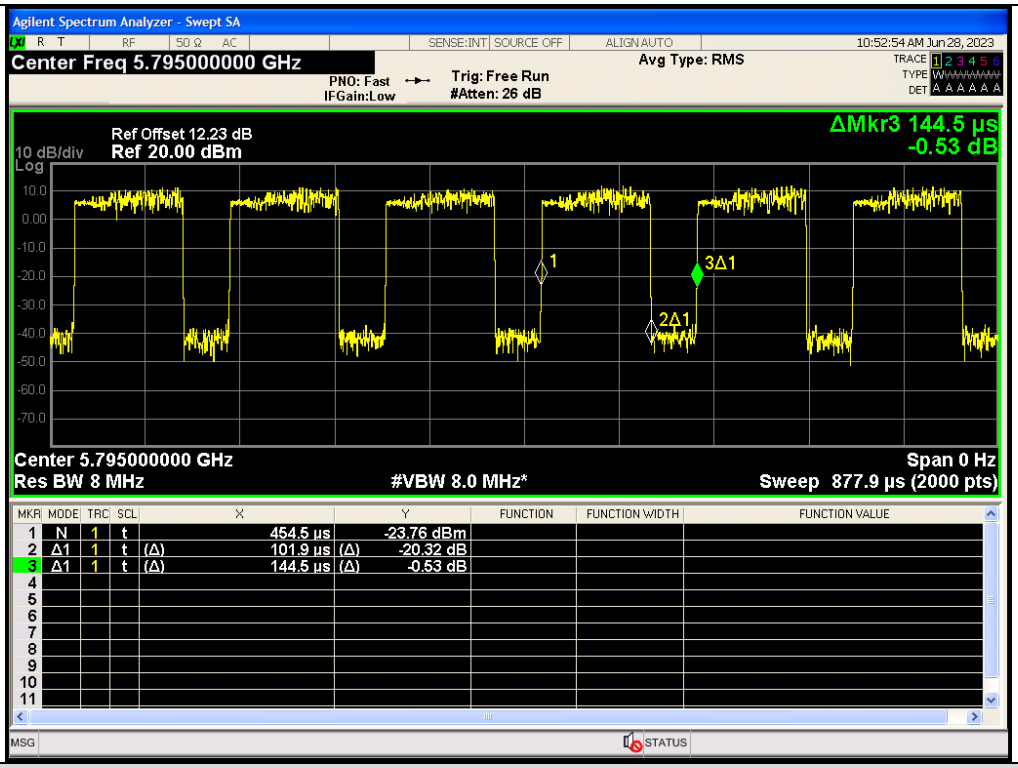
IEEE 802.11n_20MHz_Channel 157



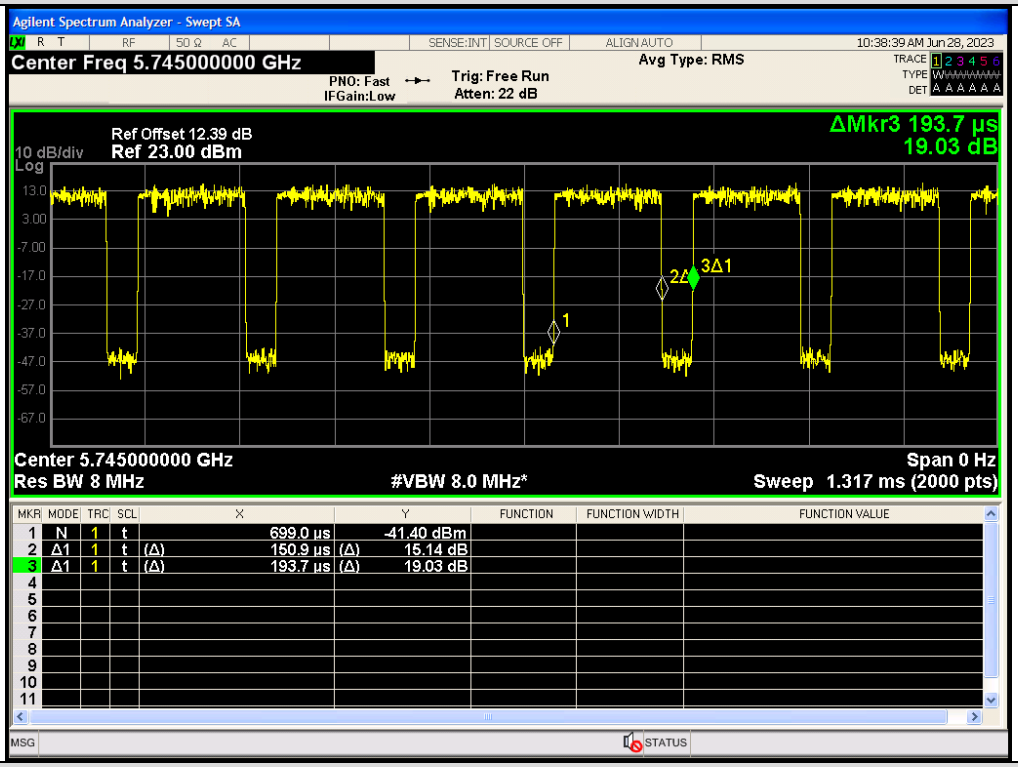
IEEE 802.11n_20MHz_Channel 165



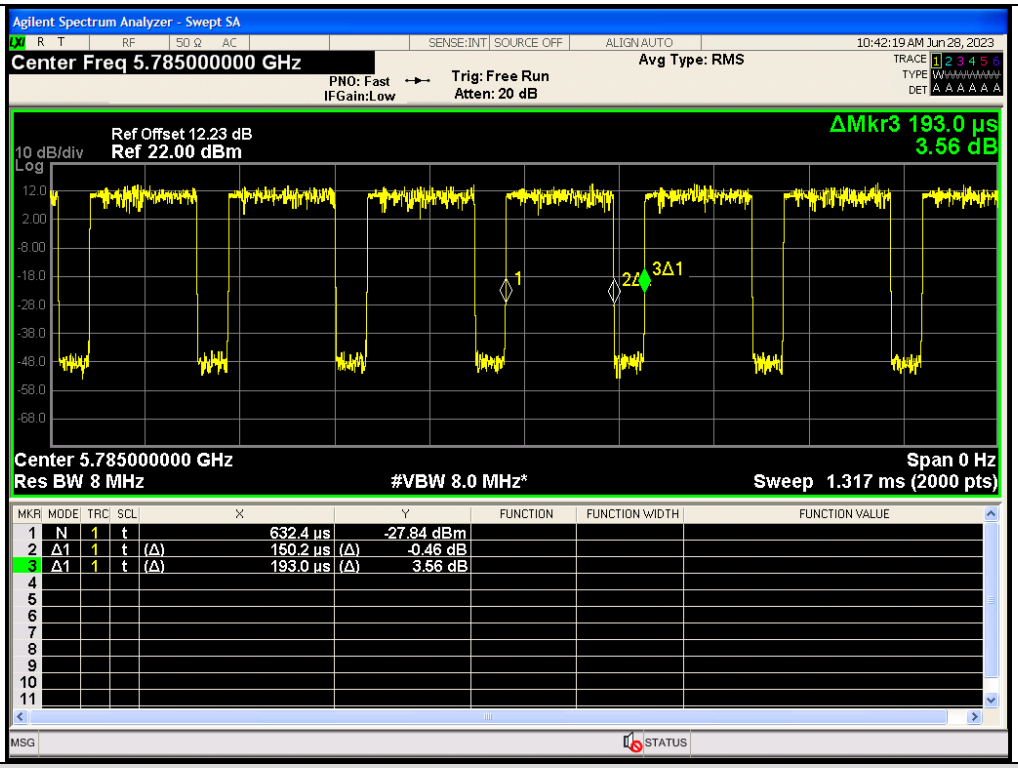
IEEE 802.11n_40MHz_Channel 151



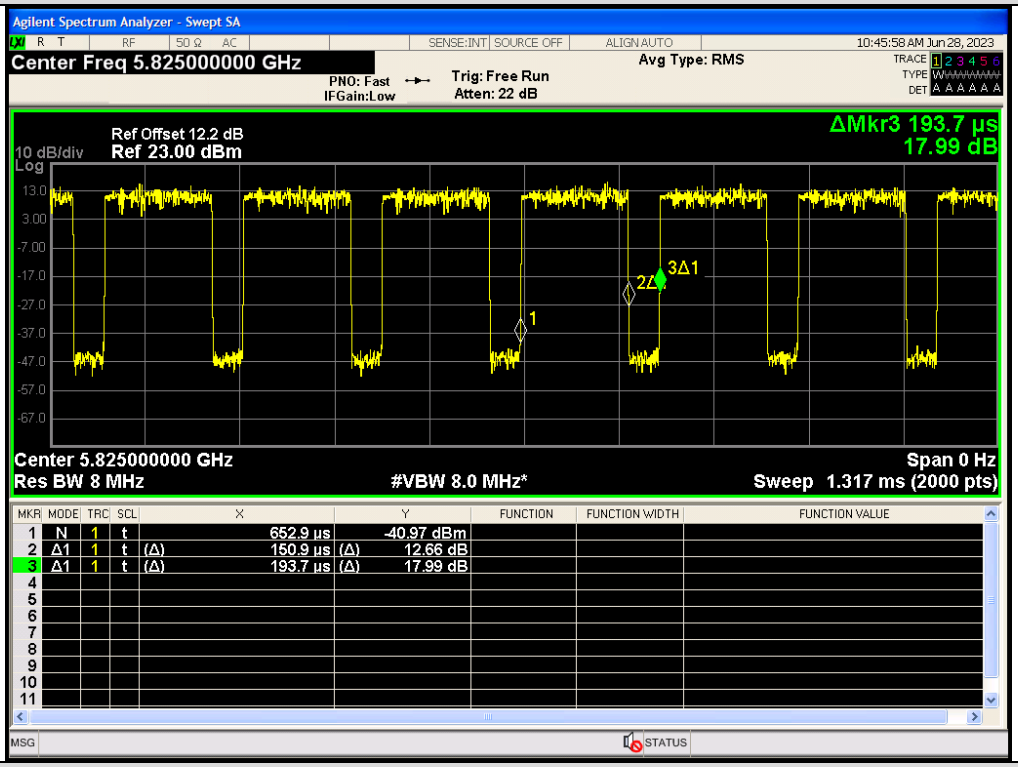
IEEE 802.11n_40MHz_Channel 159



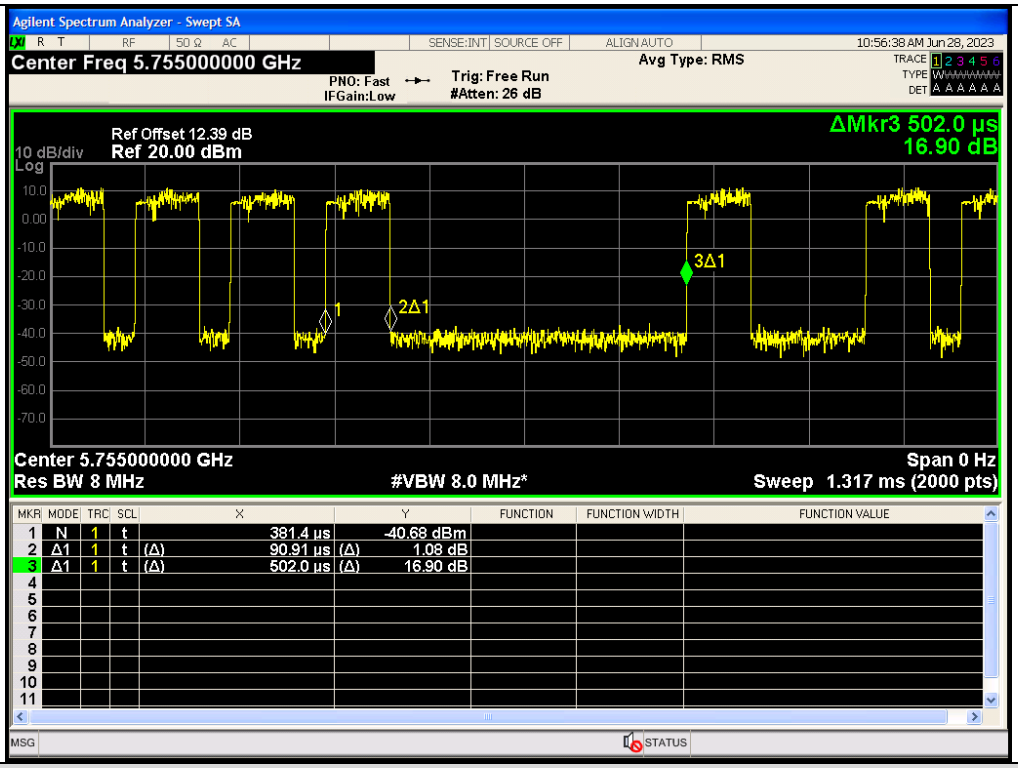
IEEE 802.11ac_20MHz_Channel 149



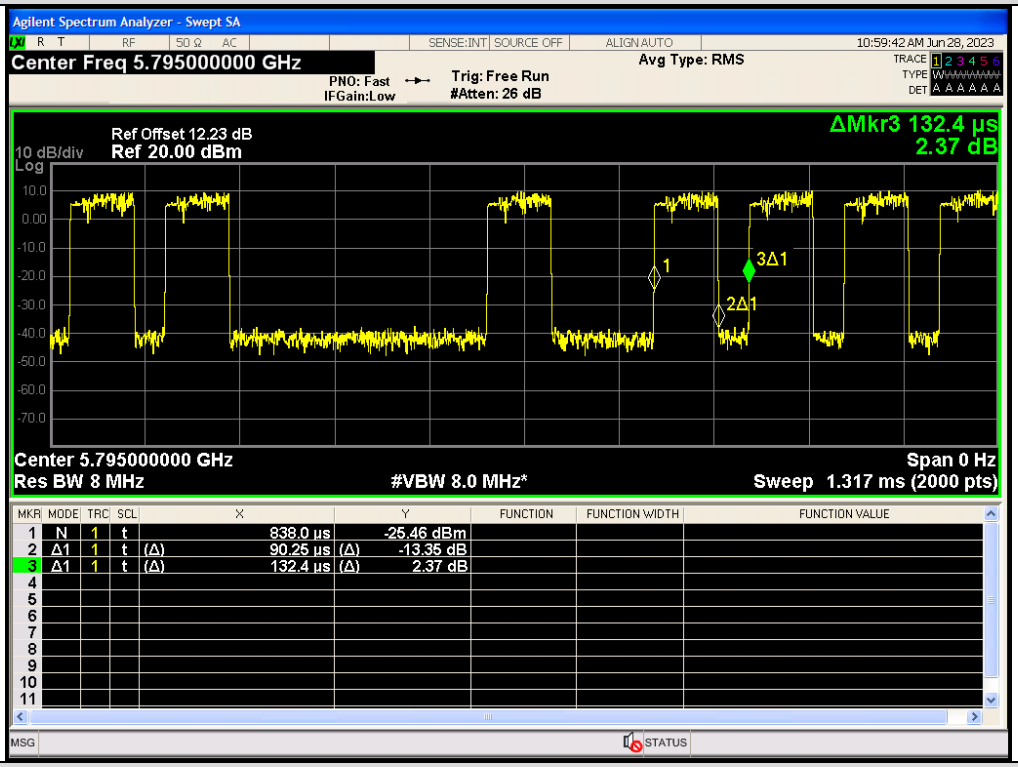
IEEE 802.11ac_20MHz_Channel 157



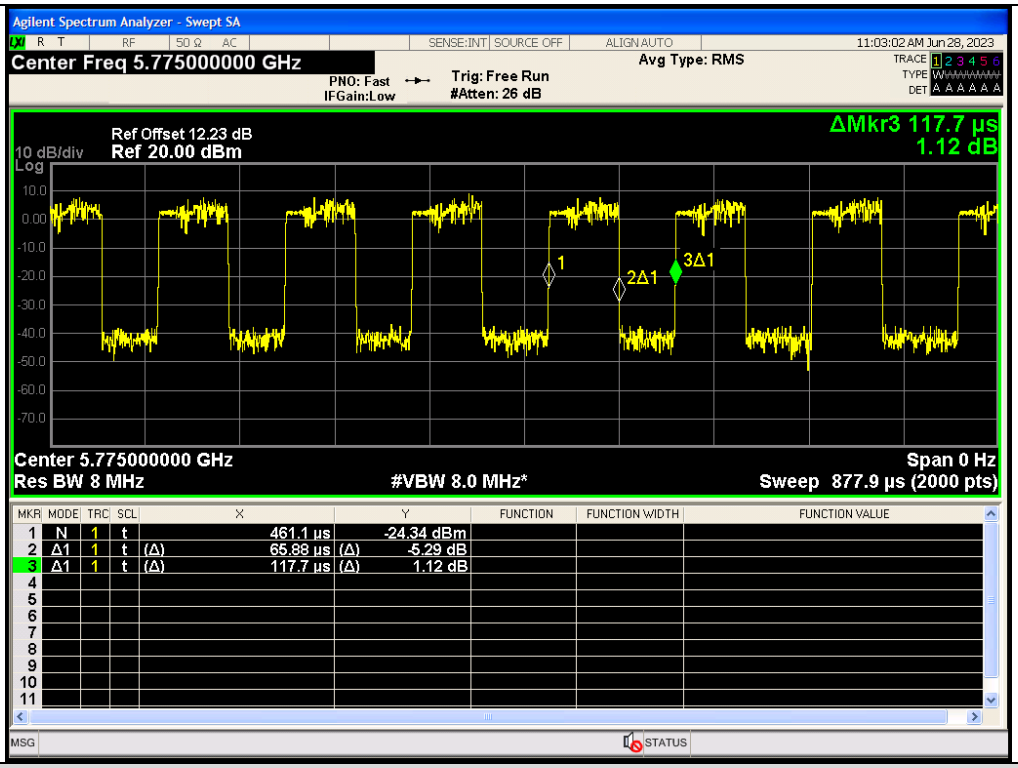
IEEE 802.11ac_20MHz_Channel 165



IEEE 802.11ac_40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



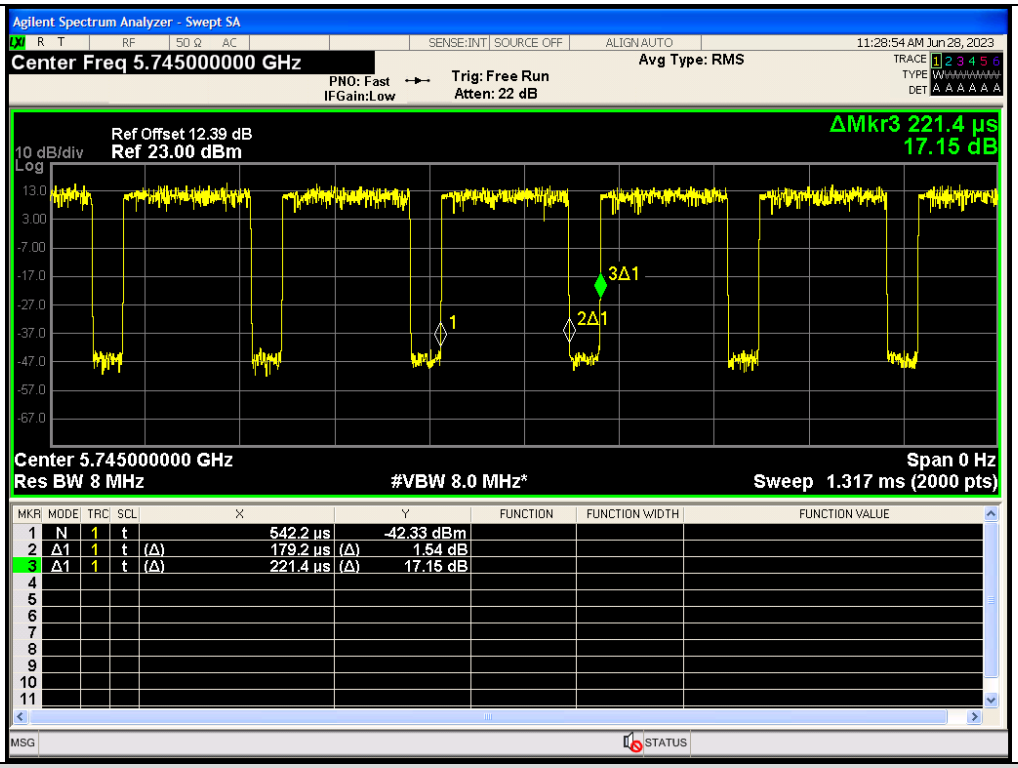
IEEE 802.11ac_80MHz_Channel 155

Test Result

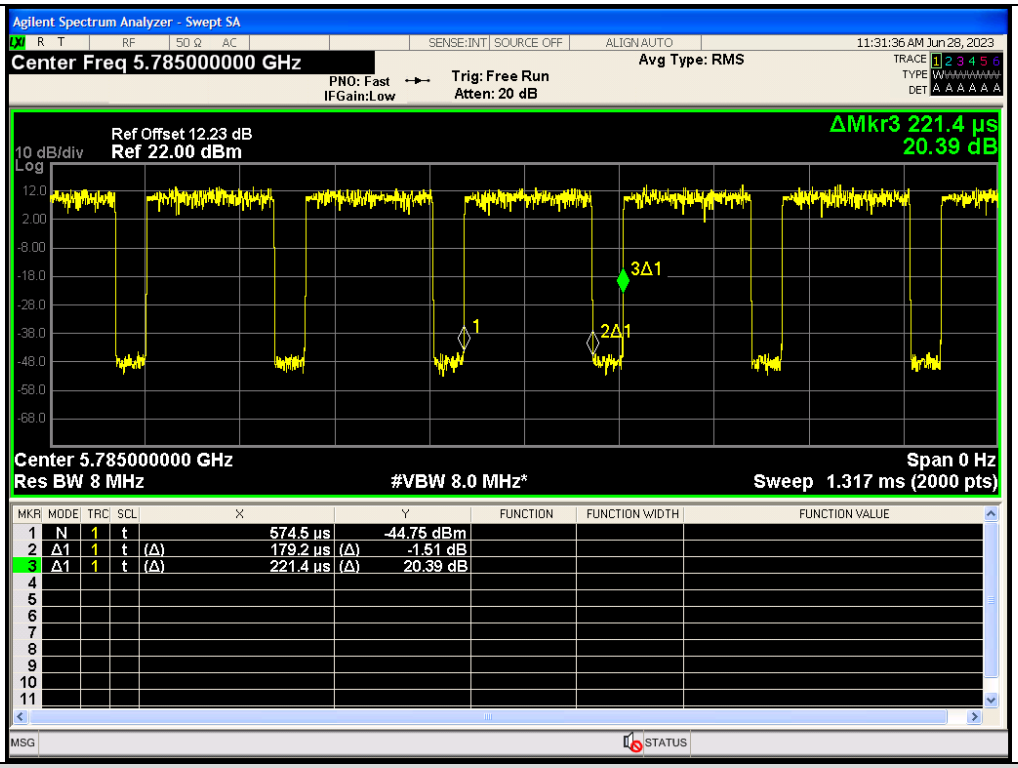
Antenna B:

Mode	Data rates	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11a	54	149	0.179	0.221	80.95	0.8095	0.9178
		157	0.179	0.221	80.95	0.8095	0.9178
		165	0.179	0.221	80.95	0.8095	0.9178
IEEE 802.11n_20	MCS 7	149	0.167	0.209	79.81	0.7981	0.9794
		157	0.167	0.209	79.81	0.7981	0.9794
		165	0.167	0.209	79.56	0.7956	0.9931
IEEE 802.11n_40		151	0.102	0.145	70.61	0.7061	1.5113
		159	0.102	0.144	70.52	0.7052	1.5169
IEEE 802.11ac_20	MCS 9	149	0.151	0.194	77.89	0.7789	1.0852
		157	0.151	0.193	78.16	0.7816	1.0702
		165	0.151	0.193	78.16	0.7816	1.0702
IEEE 802.11ac_40		151	0.090	0.133	67.88	0.6788	1.6826
		159	0.090	0.133	67.55	0.6755	1.7037
IEEE 802.11ac_80		155	0.067	0.622	10.72	0.1072	9.6981

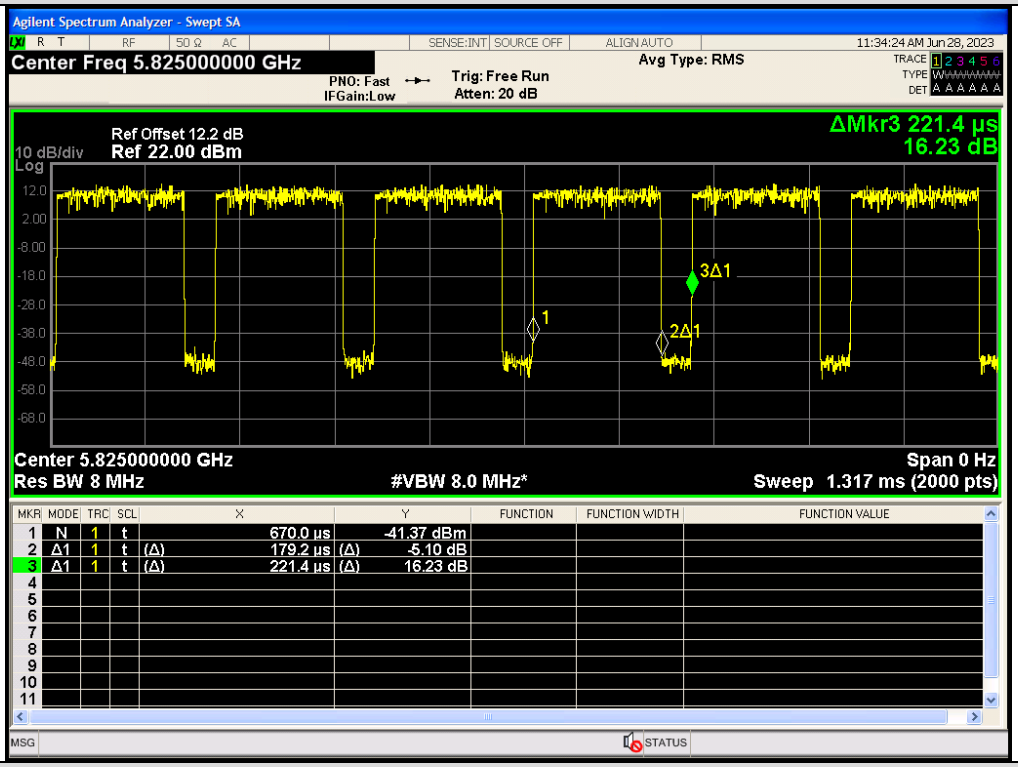
Test Graphs



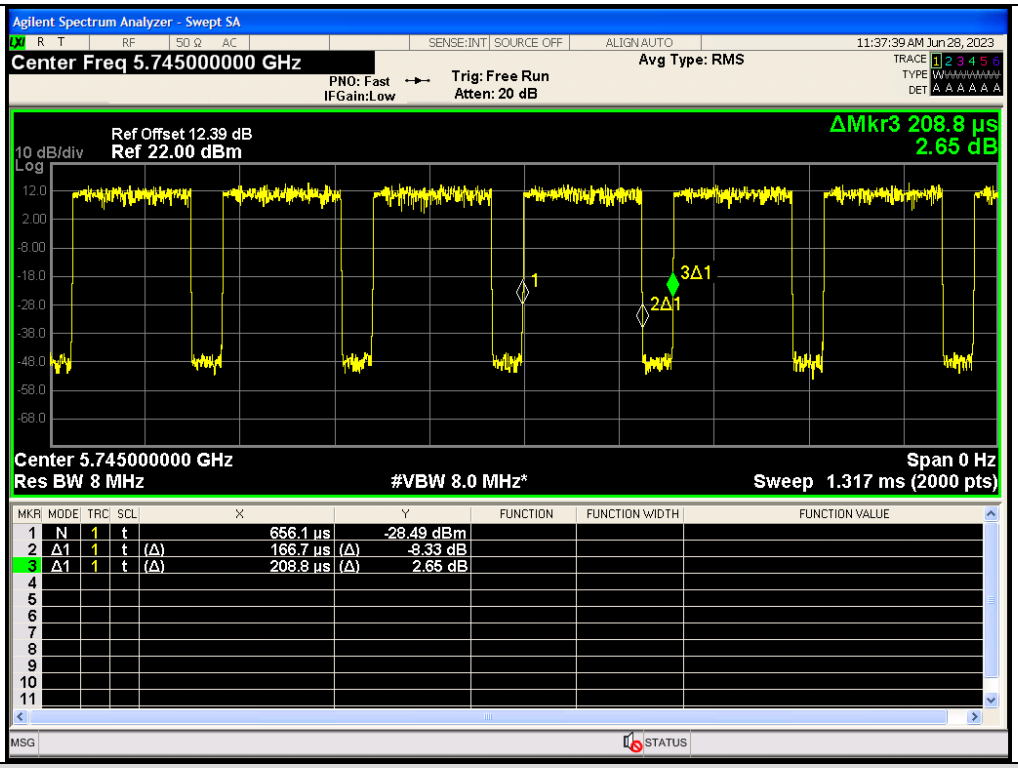
IEEE 802.11a_20MHz_Channel 149



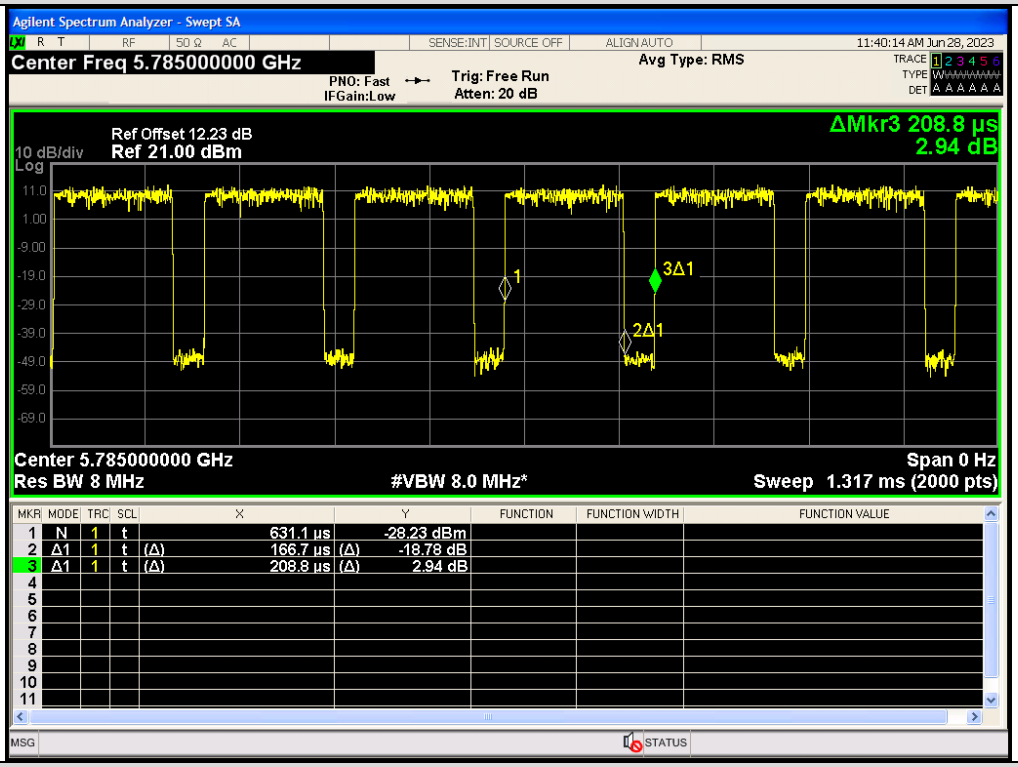
IEEE 802.11a_20MHz_Channel 157



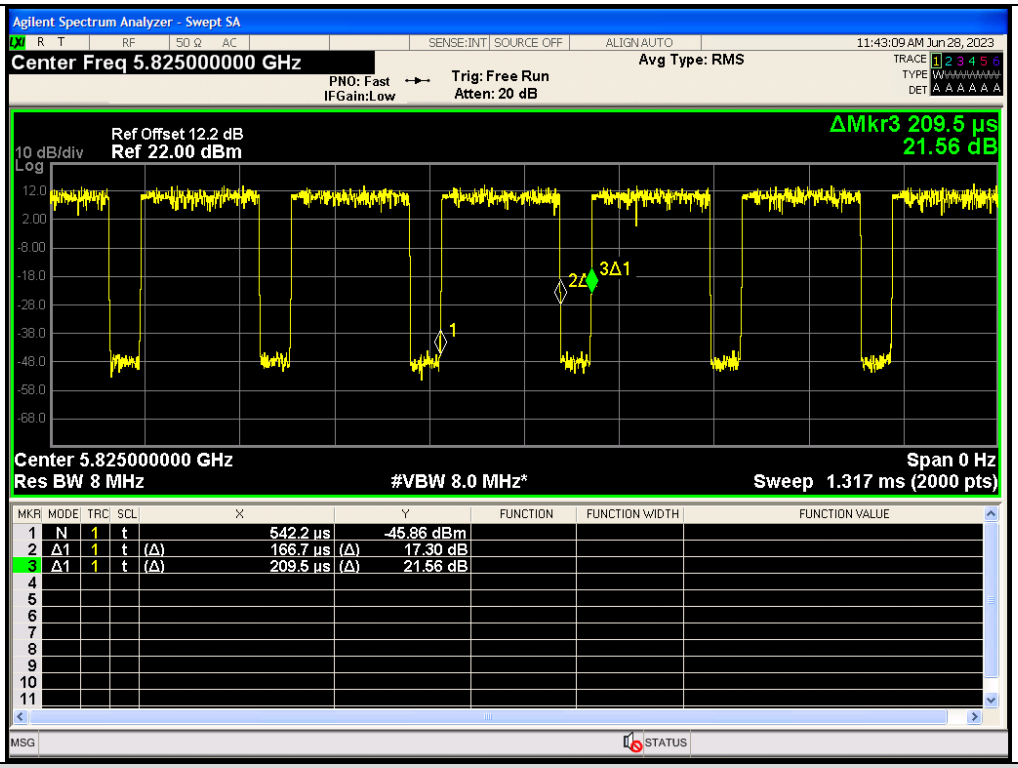
IEEE 802.11a_20MHz_Channel 165



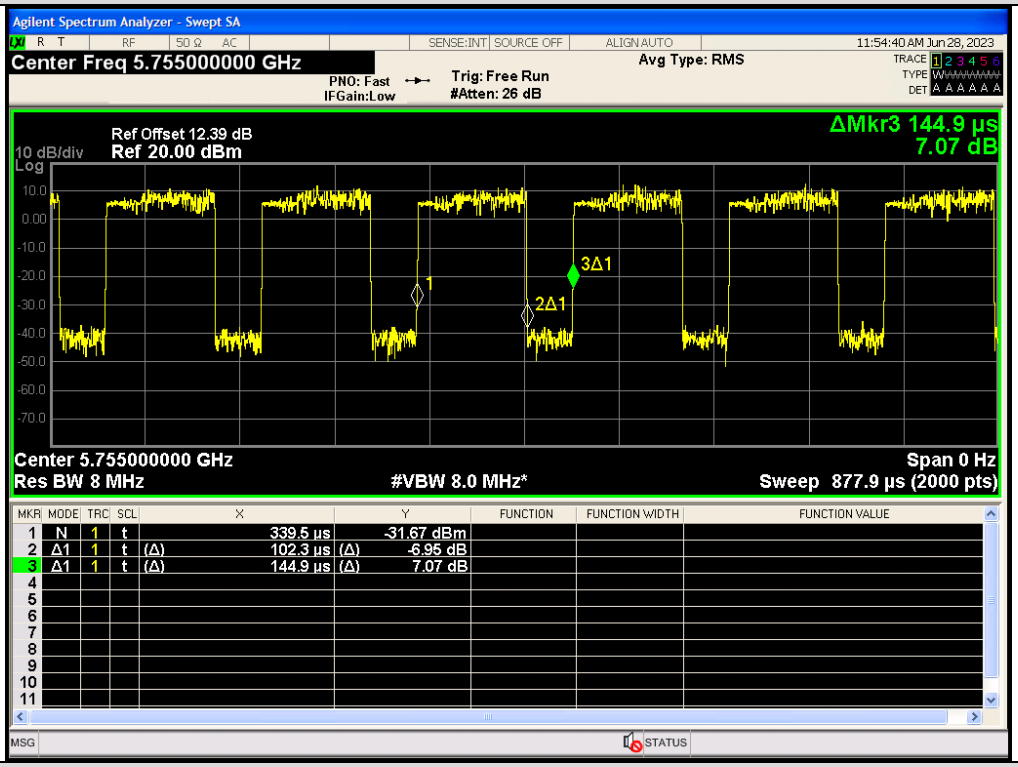
IEEE 802.11n_20MHz_Channel 149



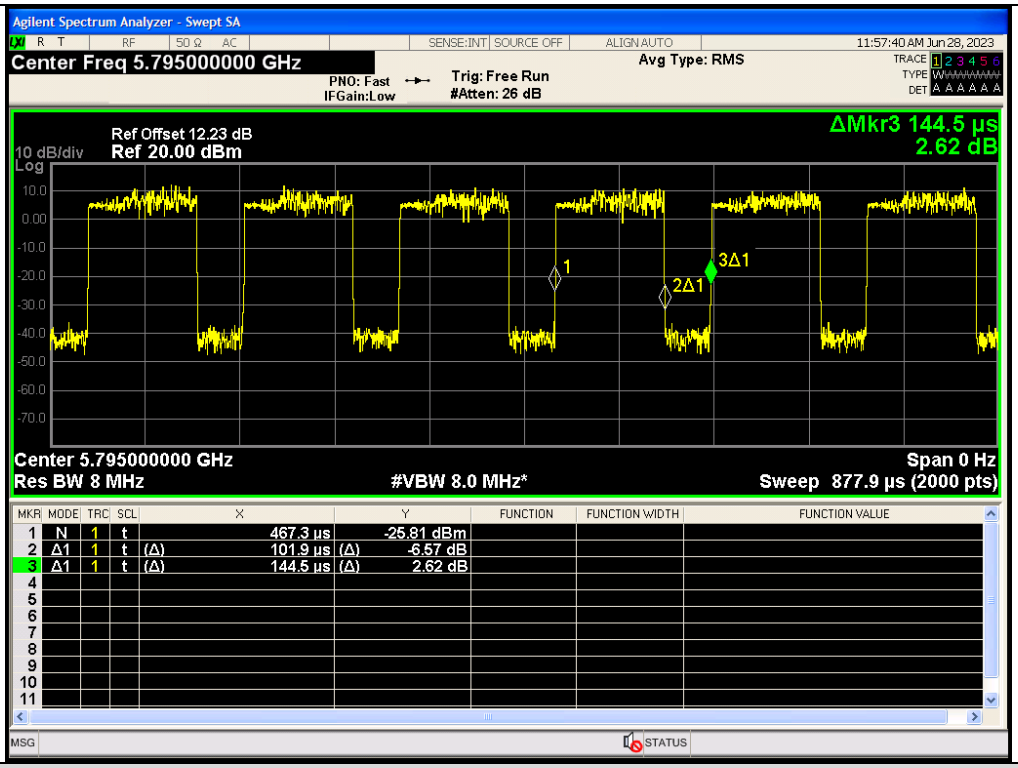
IEEE 802.11n_20MHz_Channel 157



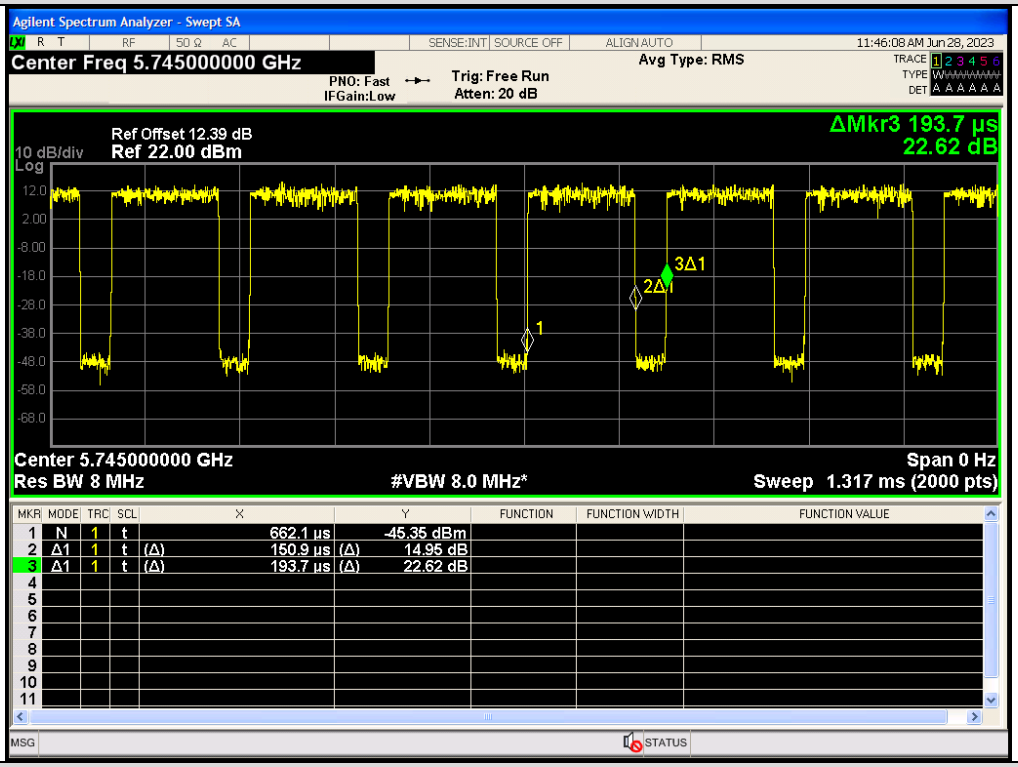
IEEE 802.11n_20MHz_Channel 165



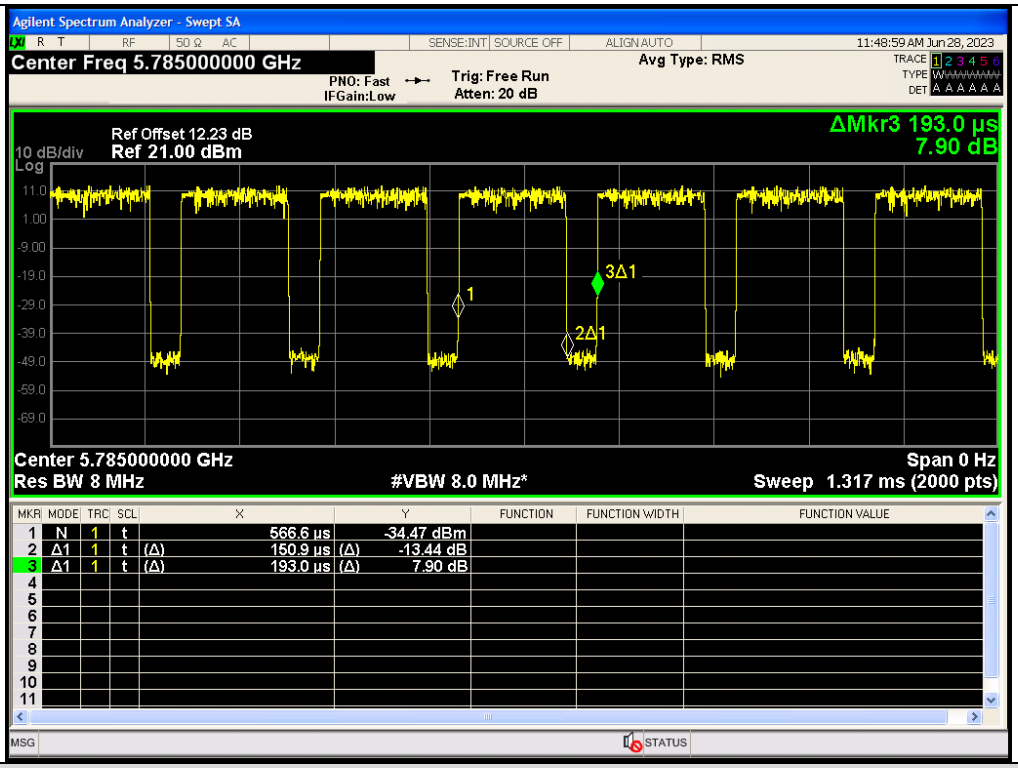
IEEE 802.11n_40MHz_Channel 151



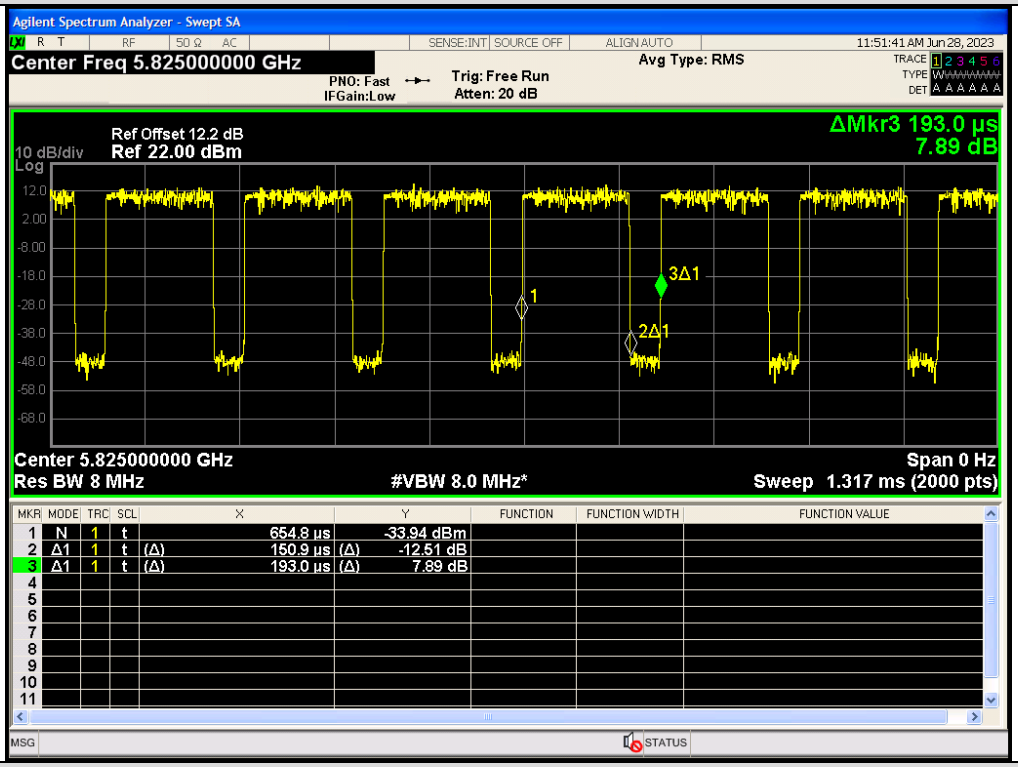
IEEE 802.11n_40MHz_Channel 159



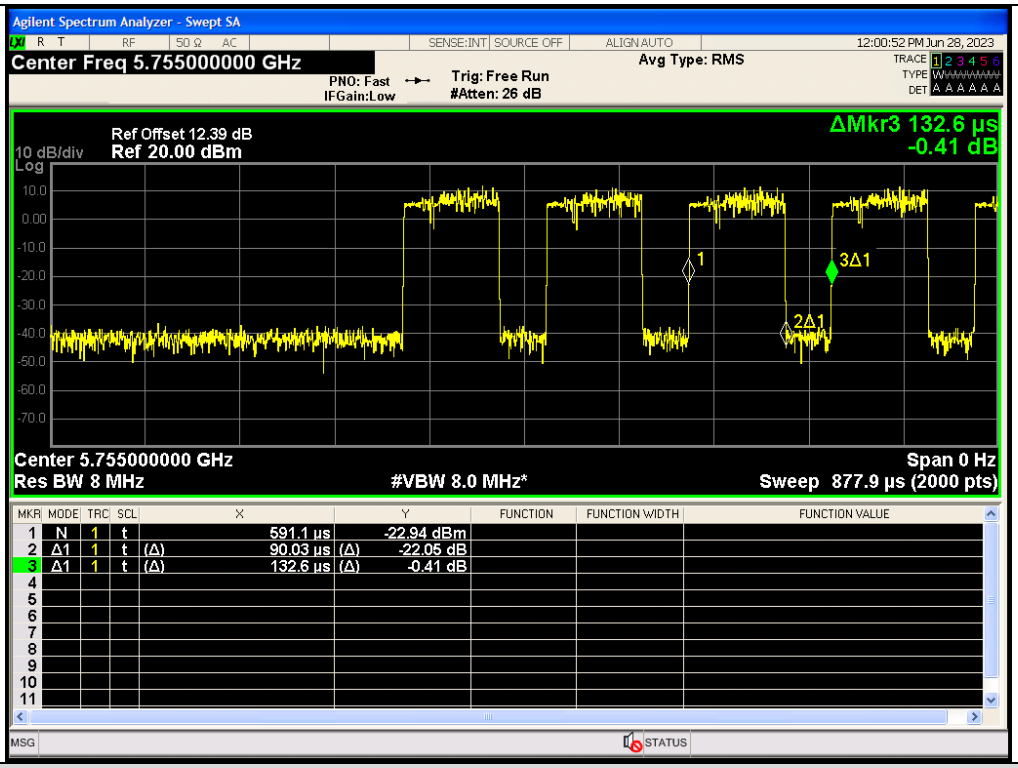
IEEE 802.11ac_20MHz_Channel 149



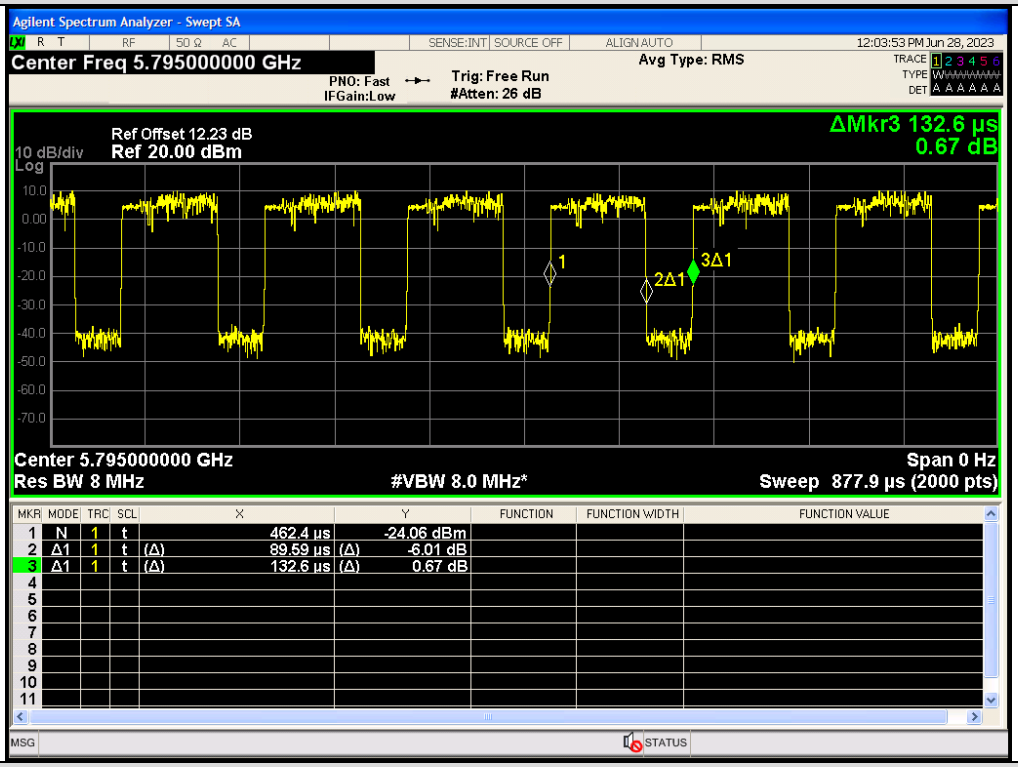
IEEE 802.11ac_20MHz_Channel 157



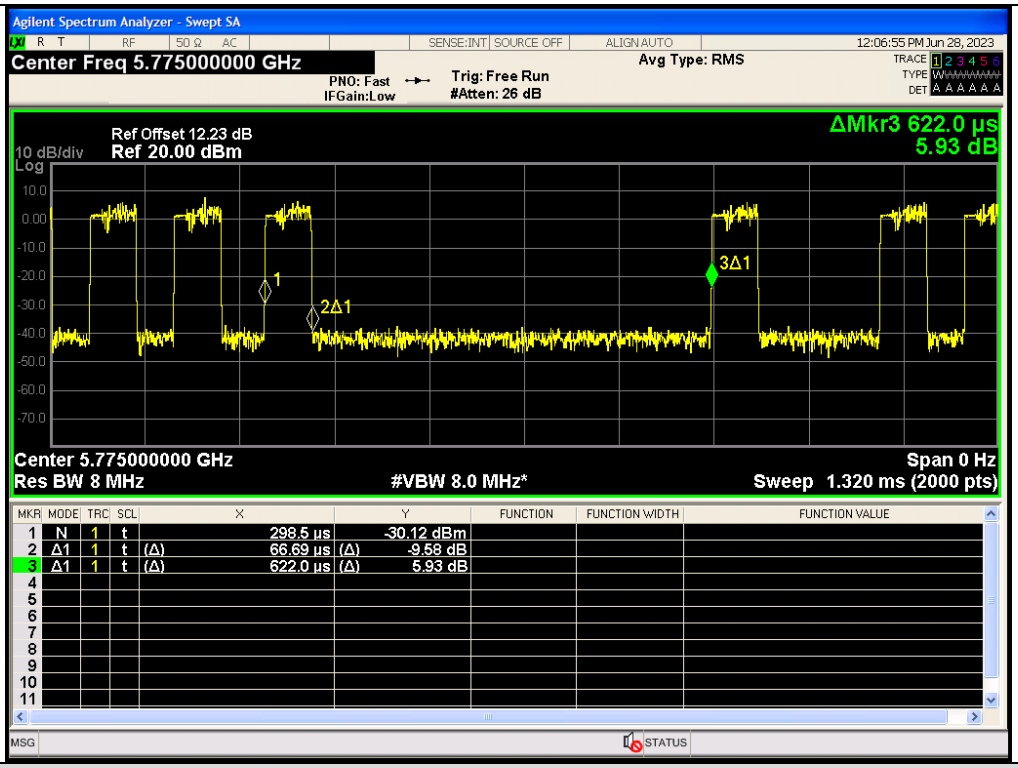
IEEE 802.11ac_20MHz_Channel 165



IEEE 802.11ac_40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



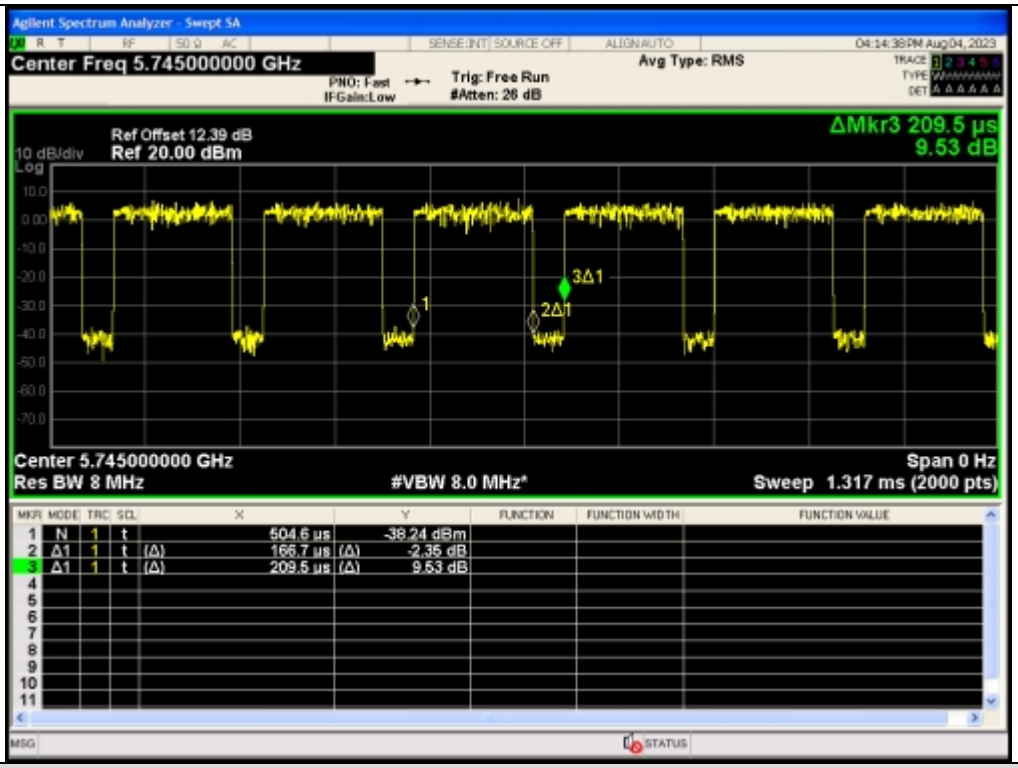
IEEE 802.11ac_80MHz_Channel 155

Antenna A+ Antenna B:

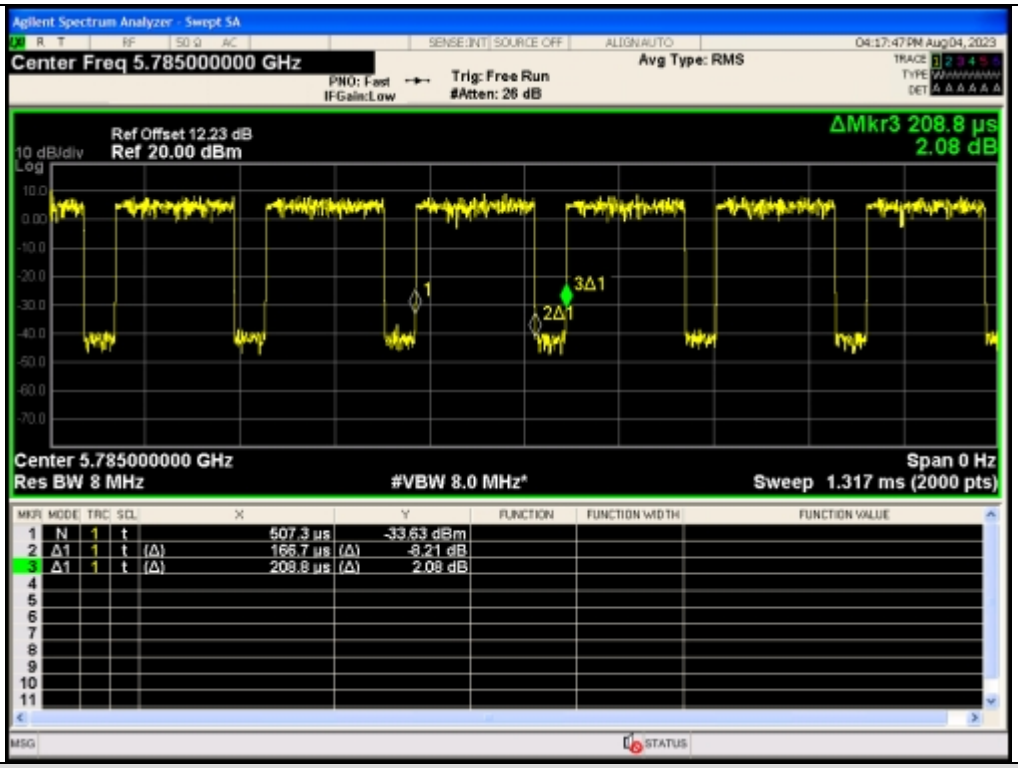
Test Result

Mode	Data rates	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11n_20	MCS 7	149	0.167	0.209	79.56	0.7956	0.9931
		157	0.167	0.209	79.81	0.7981	0.9794
		165	0.167	0.209	79.56	0.7956	0.9931
IEEE 802.11n_40		151	0.102	0.144	70.52	0.7052	1.5169
		159	0.102	0.145	70.30	0.7030	1.5304
IEEE 802.11ac_20	MCS 9	149	0.151	0.194	77.89	0.7789	1.0852
		157	0.151	0.193	78.16	0.7816	1.0702
		165	0.151	0.194	77.89	0.7789	1.0852
IEEE 802.11ac_40		151	0.090	0.133	67.88	0.6788	1.6826
		159	0.090	0.133	67.55	0.6755	1.7037
IEEE 802.11ac_80		155	0.067	0.127	52.33	0.5233	2.8125

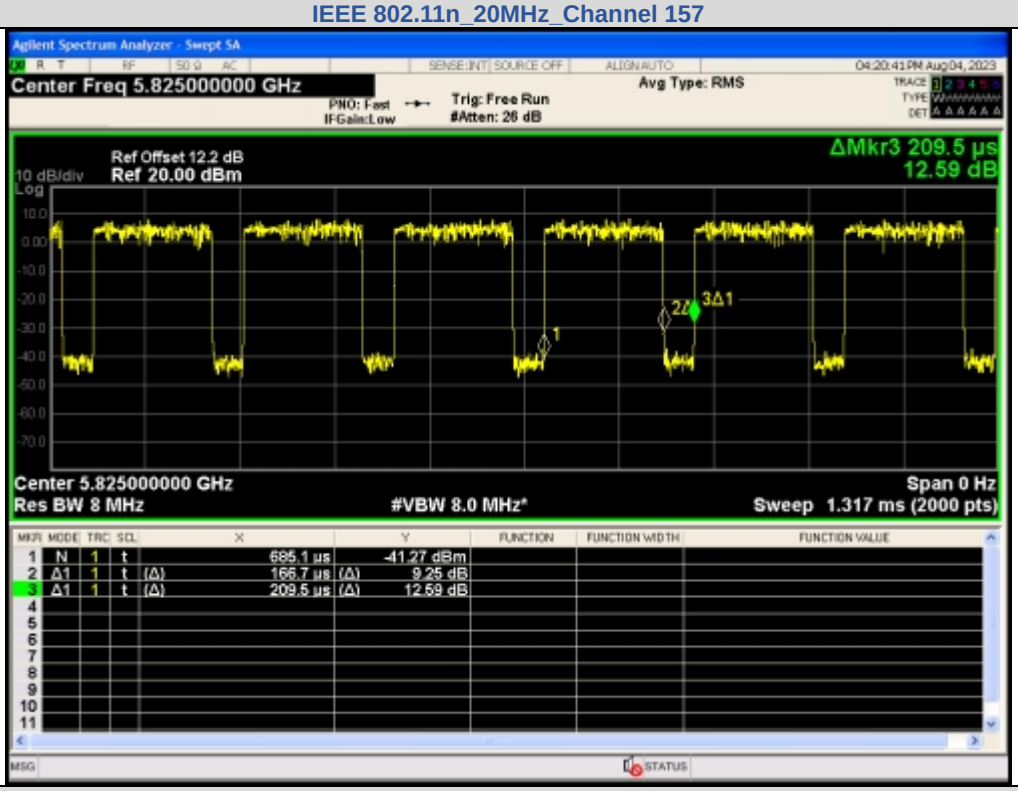
Test Graphs



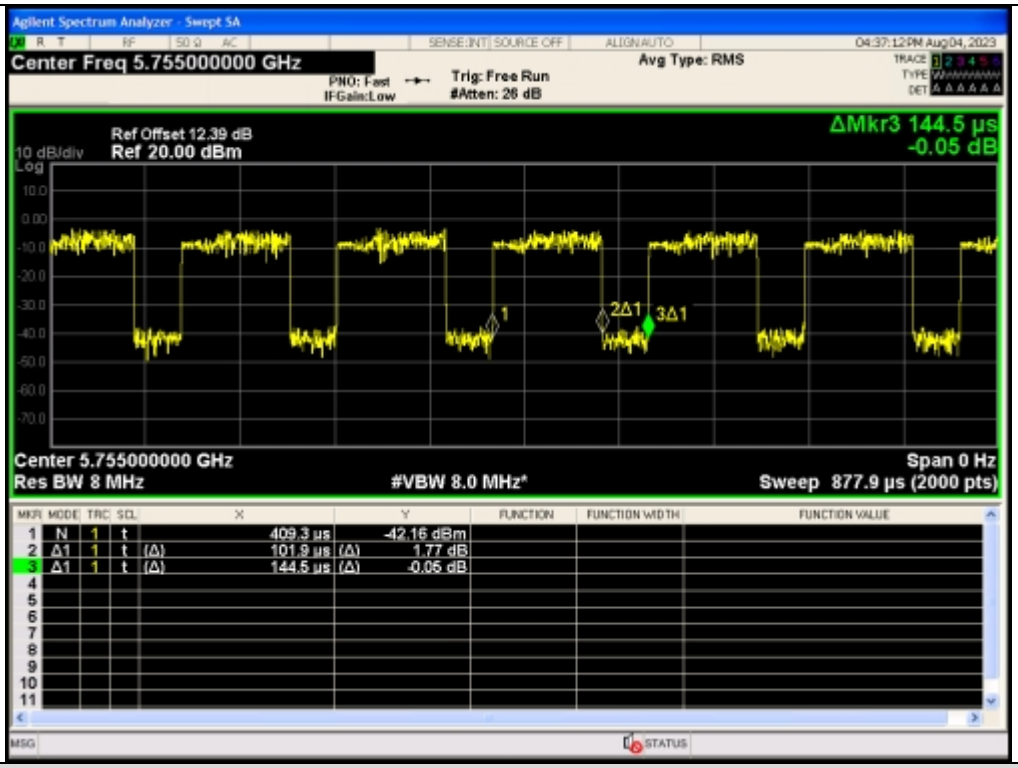
IEEE 802.11n_20MHz_Channel 149



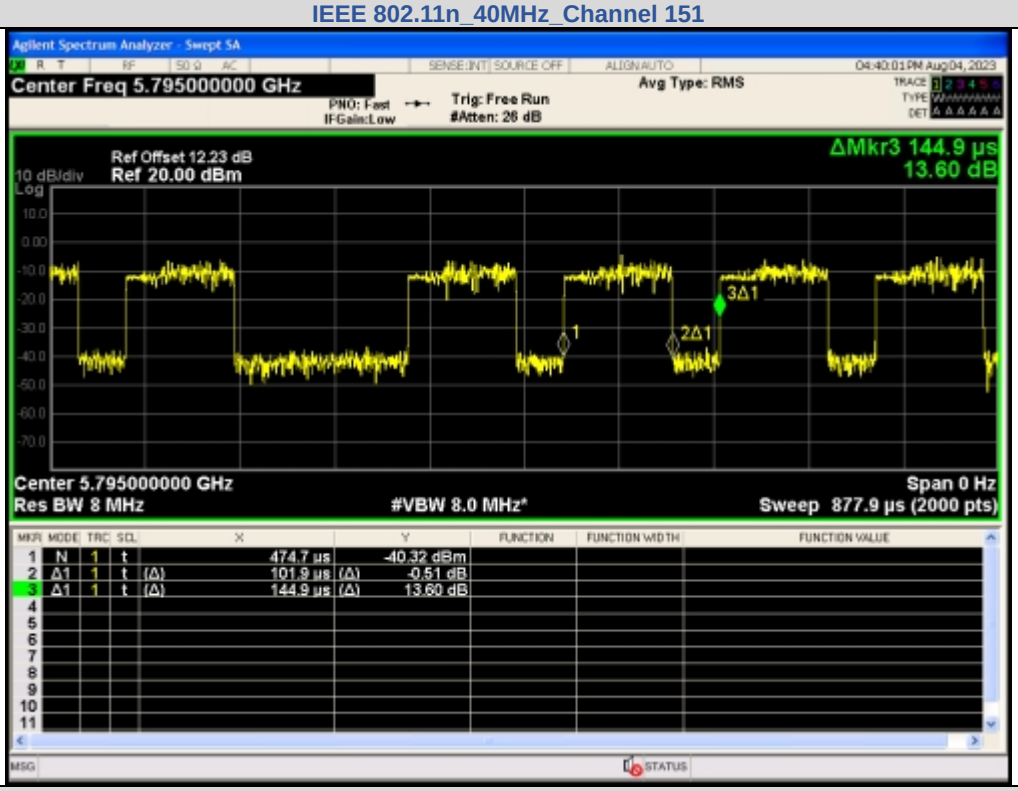
IEEE 802.11n_20MHz_Channel 157



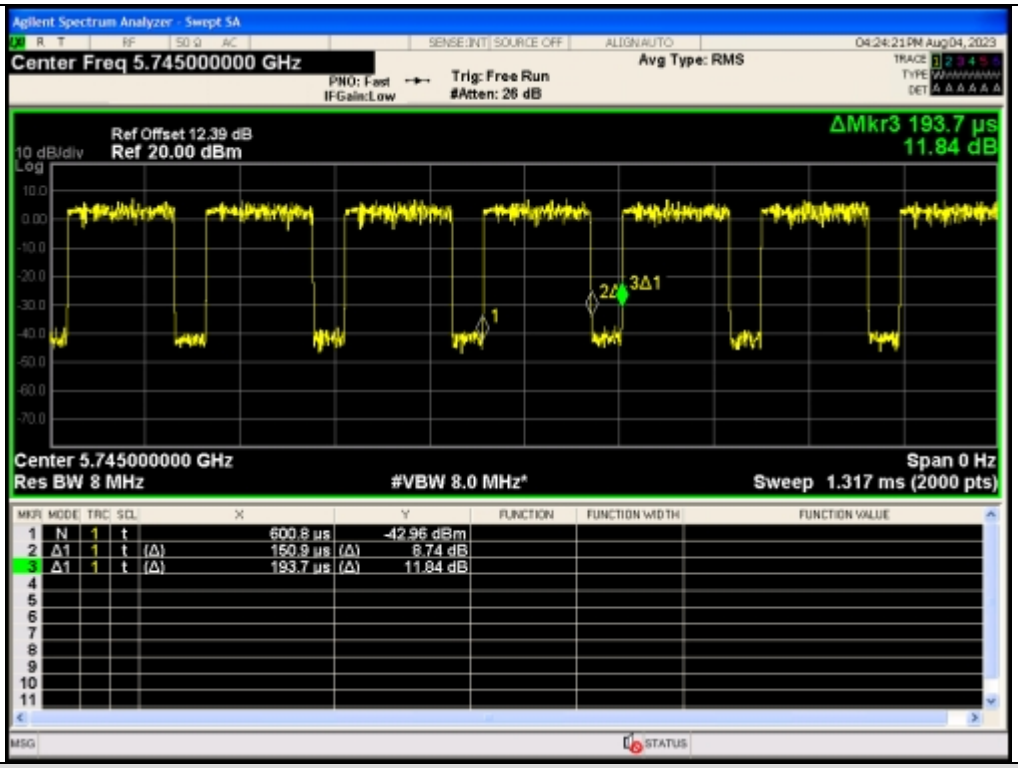
IEEE 802.11n_20MHz_Channel 165



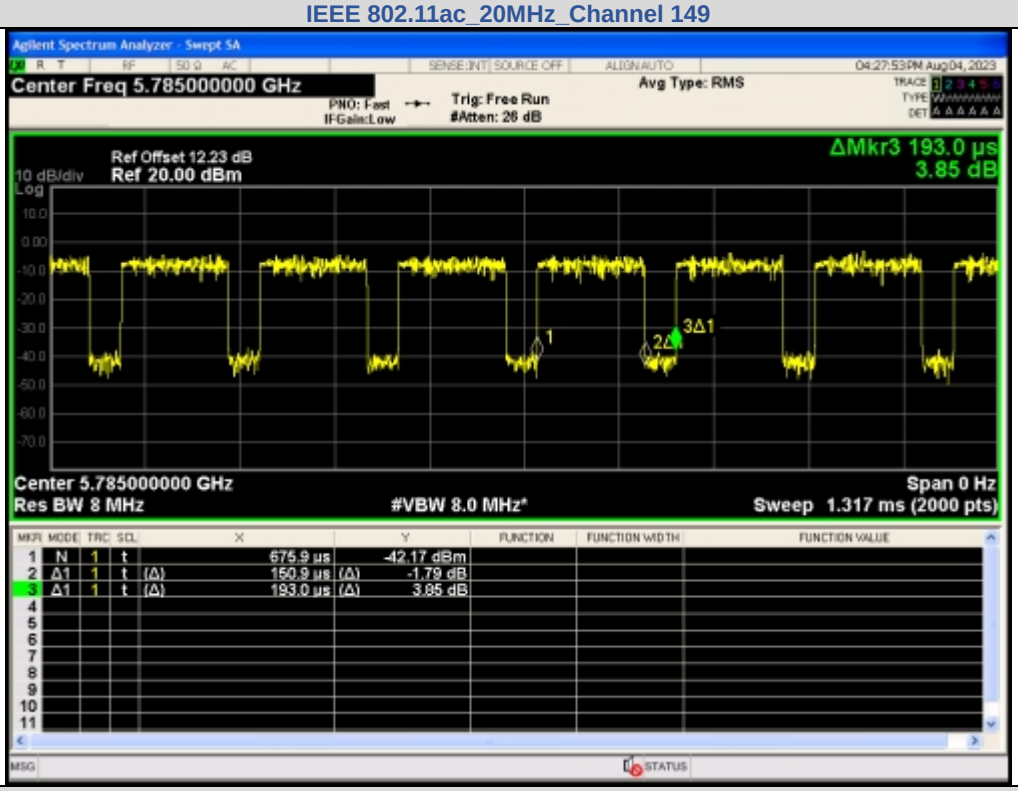
IEEE 802.11n_40MHz_Channel 151



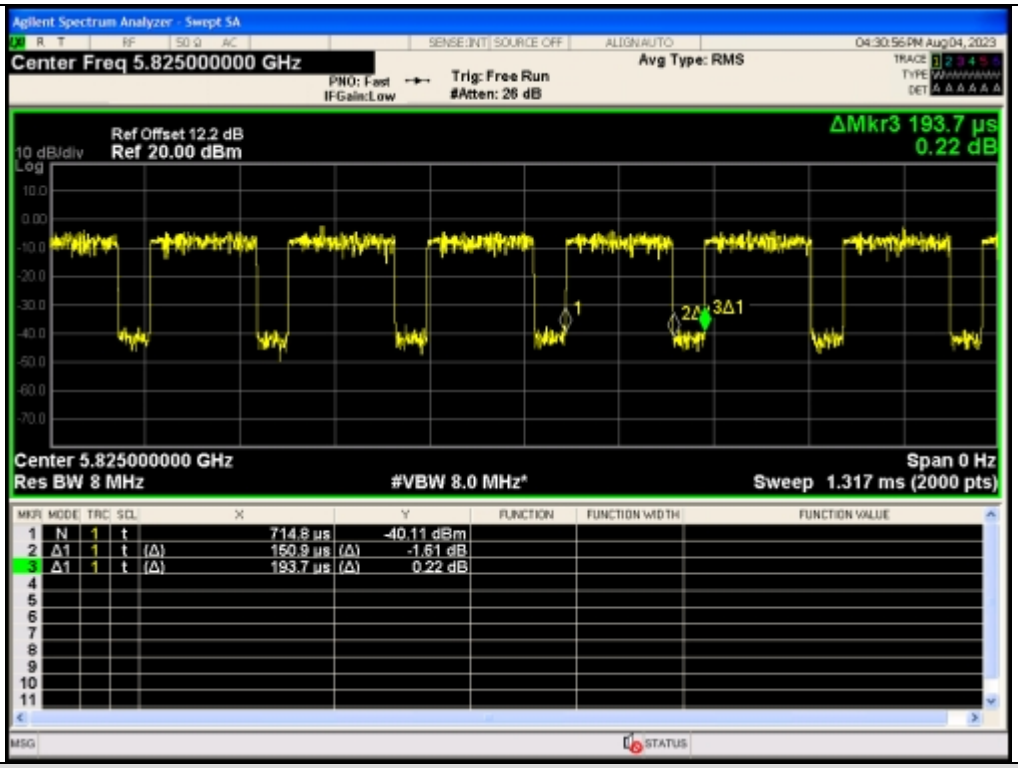
IEEE 802.11n_40MHz_Channel 159



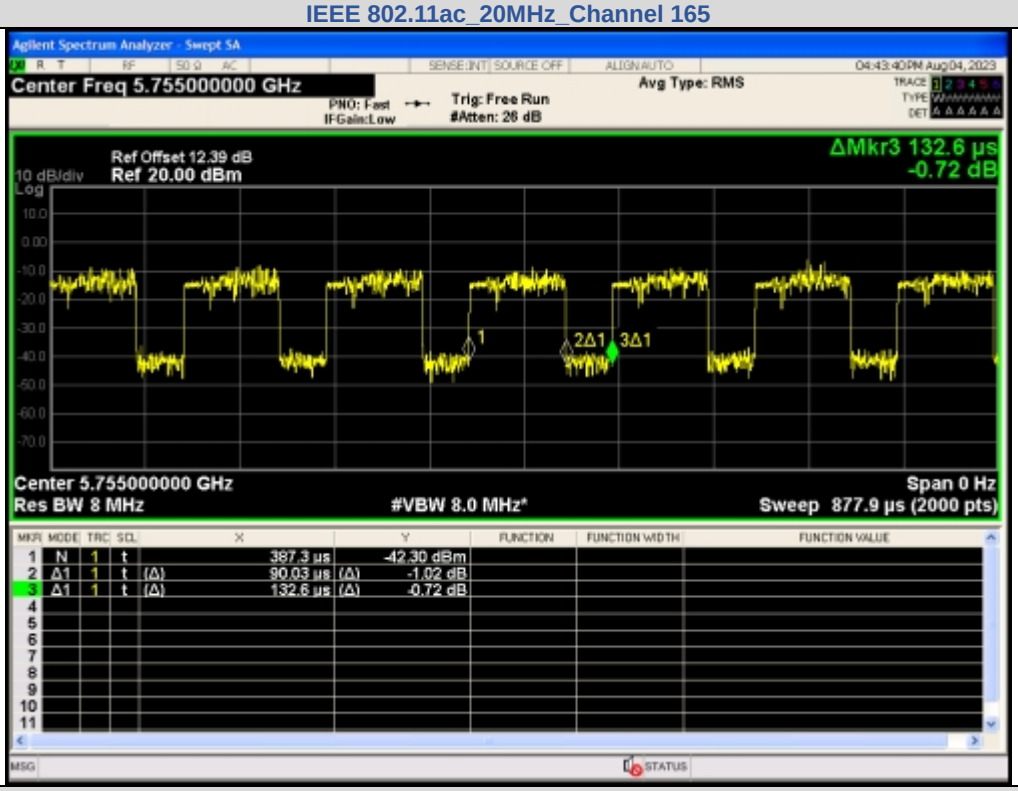
IEEE 802.11ac_20MHz_Channel 149



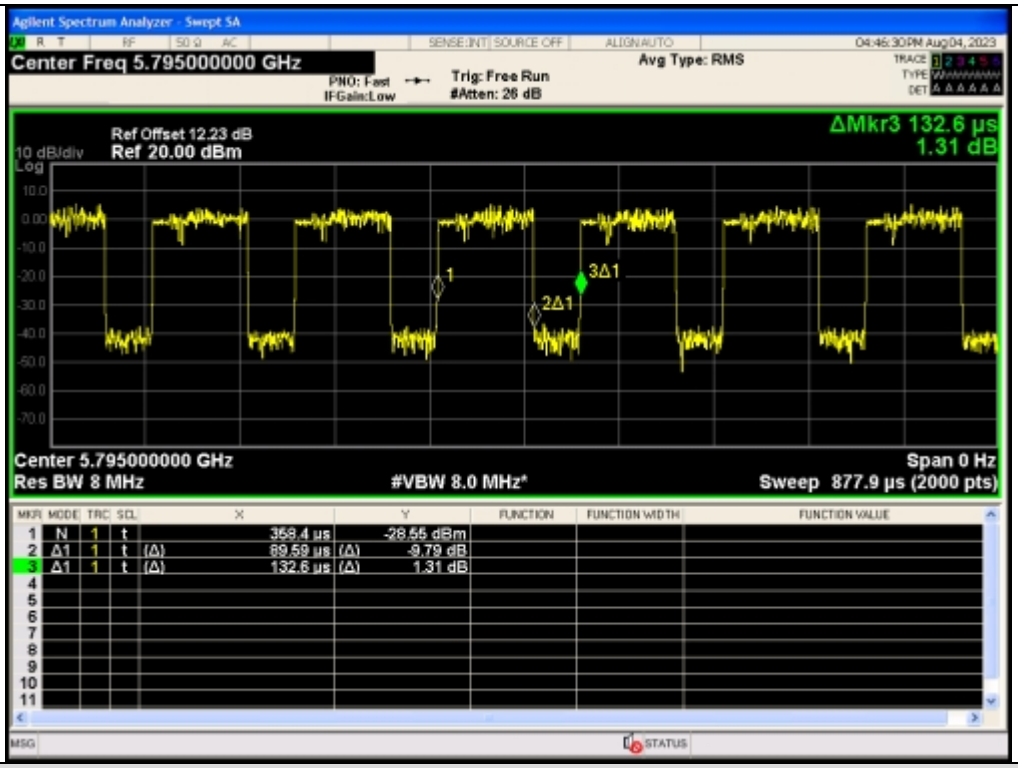
IEEE 802.11ac_20MHz_Channel 157



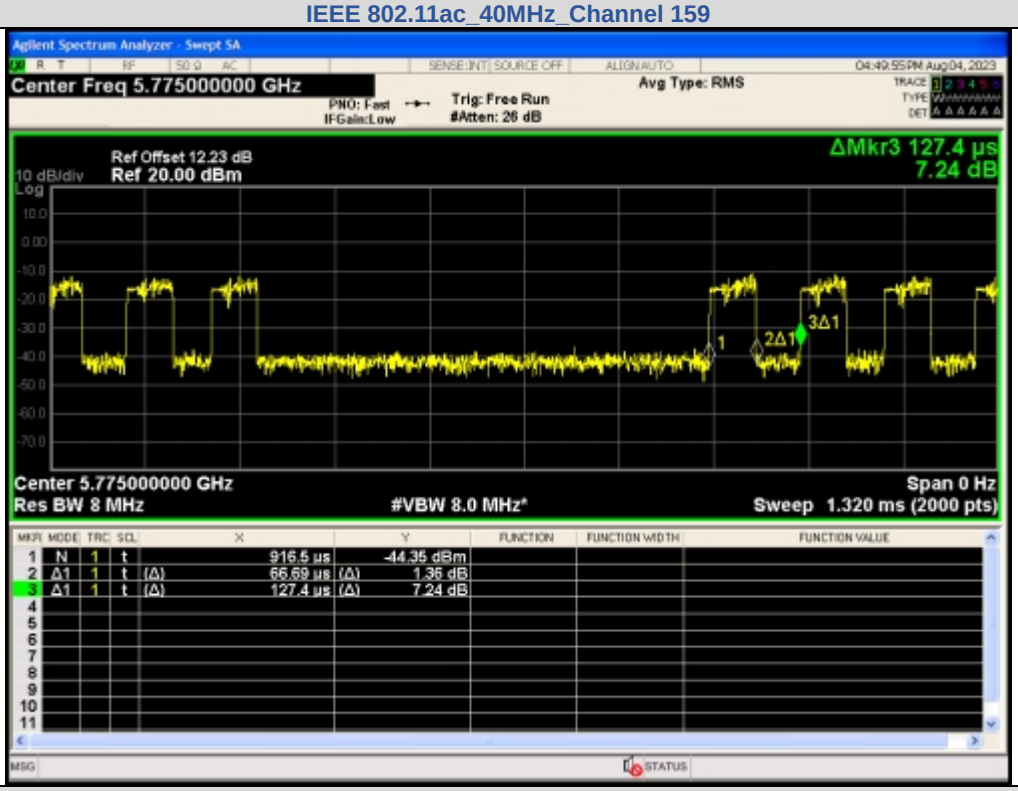
IEEE 802.11ac_20MHz_Channel 165



IEEE 802.11ac_40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



IEEE 802.11ac_80MHz_Channel 155

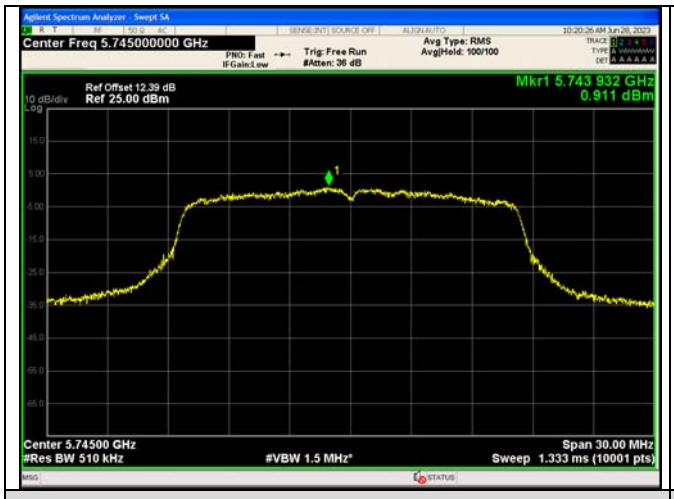
APPENDIX VIII.Peak Power Spectral Density

Test Result

Antenna A:

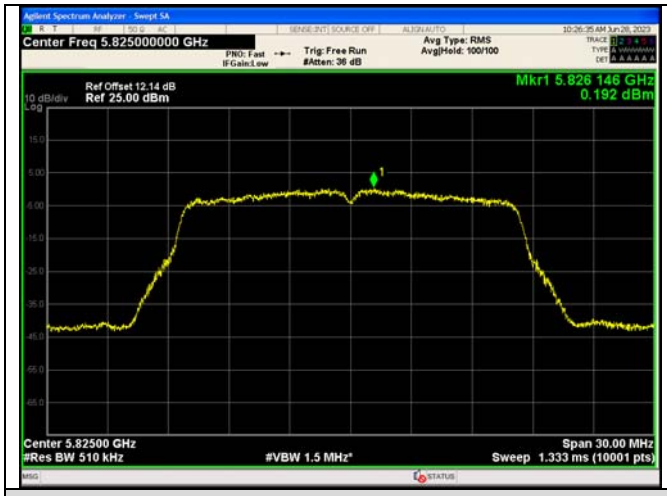
Mode	Channel	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	149	0.911	1.829	11	PASS
	157	-0.274	0.644		PASS
	165	0.192	1.11		PASS
IEEE 802.11n_20	149	0.782	1.775		PASS
	157	-0.620	0.373		PASS
	165	-0.094	0.899		PASS
IEEE 802.11n_40	151	-3.117	-1.6		PASS
	159	-3.957	-2.44		PASS
IEEE 802.11ac_20	149	0.714	1.799		PASS
	157	-0.488	0.597		PASS
	165	0.137	1.222		PASS
IEEE 802.11ac_40	151	-4.189	-2.524		PASS
	159	-4.185	-2.52		PASS
IEEE 802.11ac_80	155	-8.264	-5.744		PASS

Test Graphs



IEEE 802.11a_Channel 149_20MHz_Antenna 0

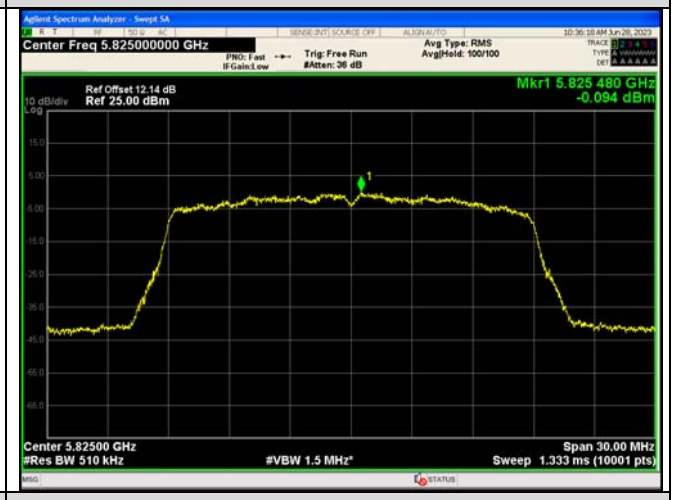
IEEE 802.11a_Channel 157_20MHz_Antenna 0



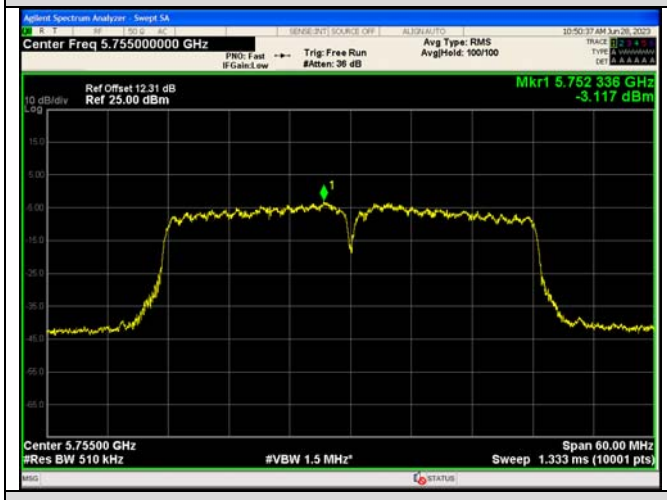
IEEE 802.11a_Channel 165_20MHz_Antenna 0

IEEE 802.11n_Channel 149_20MHz_Antenna 0

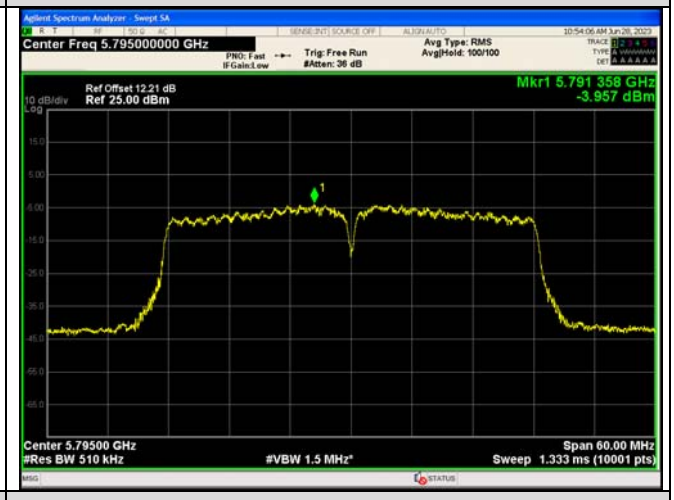
IEEE 802.11n_Channel 157_20MHz_Antenna 0



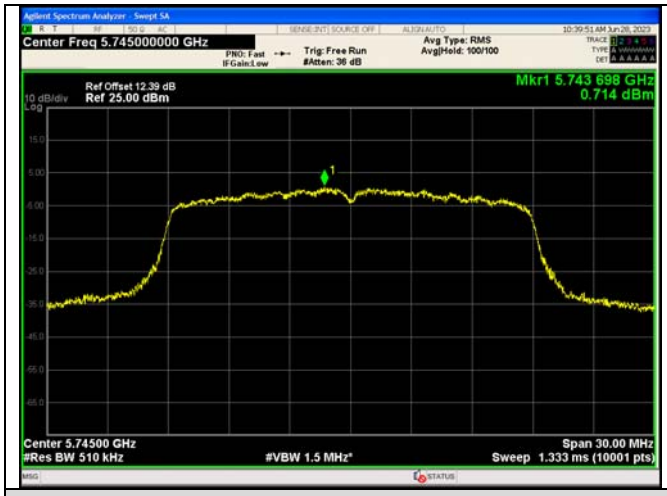
IEEE 802.11n_Channel 165_20MHz_Antenna 0



IEEE 802.11n_Channel 151_40MHz_Antenna 0



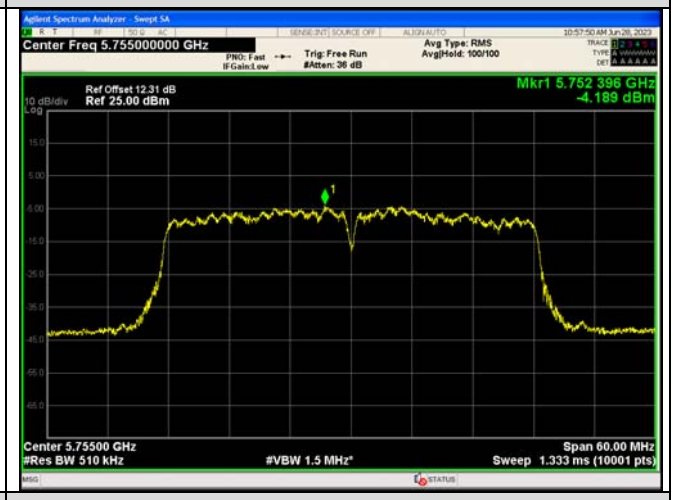
IEEE 802.11n_Channel 159_40MHz_Antenna 0



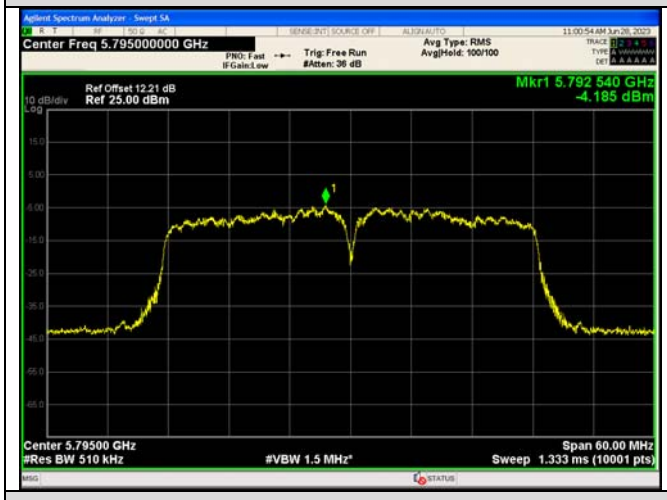
IEEE 802.11ac_Channel 149_20MHz_Antenna 0

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

Test Result

Antenna B:

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	0.420	1.338	11	PASS
	157	-0.622	0.296		PASS
	165	-0.680	0.238		PASS
IEEE 802.11n_20	149	-0.008	0.985		PASS
	157	-1.426	-0.433		PASS
	165	-0.647	0.346		PASS
IEEE 802.11n_40	151	-3.851	-2.334		PASS
	159	-4.893	-3.376		PASS
IEEE 802.11ac_20	149	-0.037	1.033		PASS
	157	-1.308	-0.238		PASS
	165	-0.456	0.614		PASS
IEEE 802.11ac_40	151	-5.143	-3.439		PASS
	159	-5.146	-3.442		PASS
IEEE 802.11ac_80	155	-9.290	0.408		PASS

Test Graphs

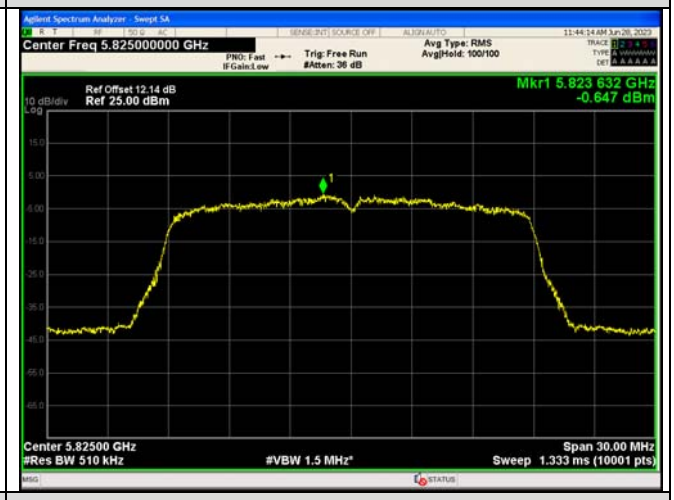
IEEE 802.11a_Channel 149_20MHz_Antenna 0

IEEE 802.11a_Channel 157_20MHz_Antenna 0

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

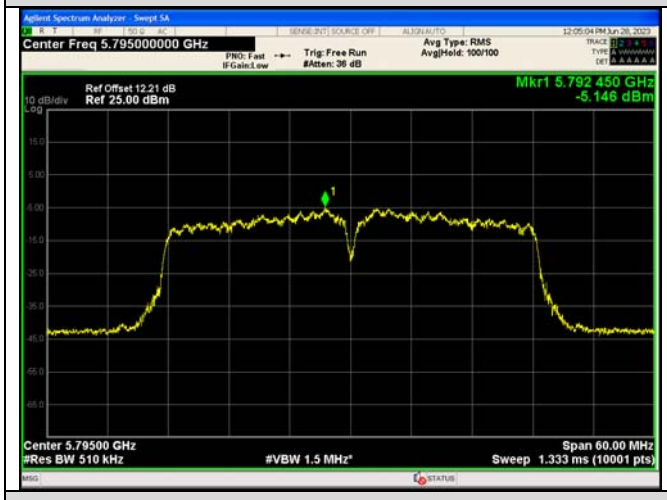
IEEE 802.11n_Channel 159_40MHz_Antenna 0

IEEE 802.11ac_Channel 149_20MHz_Antenna 0

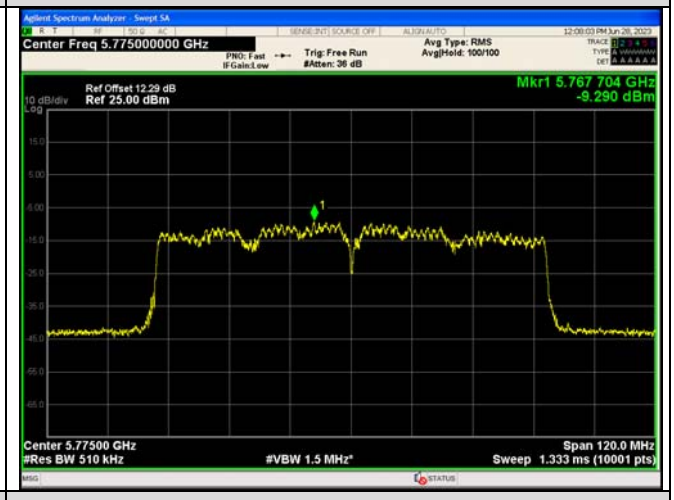
IEEE 802.11ac_Channel 157_20MHz_Antenna 0

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

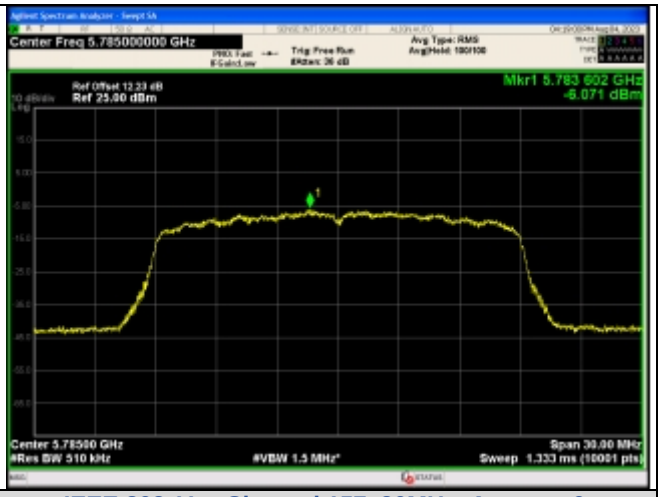
Antenna A+ Antenna B:

Test Result

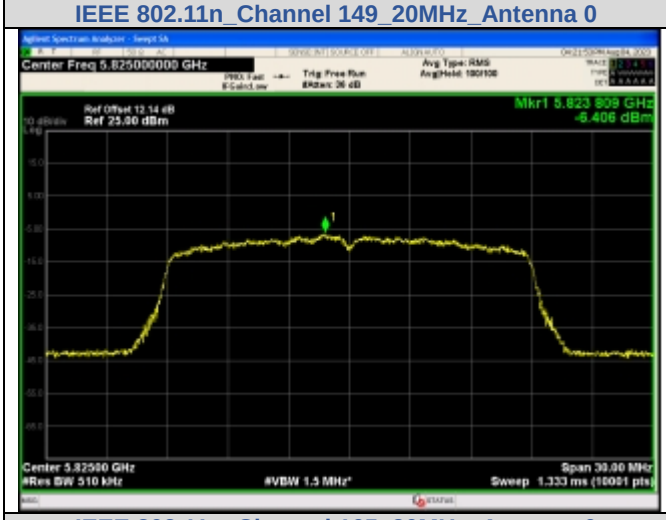
Mode	Channel	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11n_20	149	-7.743	-6.75	11	PASS
	157	-6.071	-5.078		PASS
	165	-6.406	-5.413		PASS
IEEE 802.11n_40	151	-18.869	-17.339		PASS
	159	-21.469	-19.939		PASS
IEEE 802.11ac_20	149	-18.773	-17.688		PASS
	157	-18.425	-17.34		PASS
	165	-18.309	-17.224		PASS
IEEE 802.11ac_40	151	-24.371	-22.667		PASS
	159	-11.112	-9.408		PASS
IEEE 802.11ac_80	155	-15.047	-12.235		PASS

Test Graphs

IEEE 802.11n_Channel 149_20MHz_Antenna 0



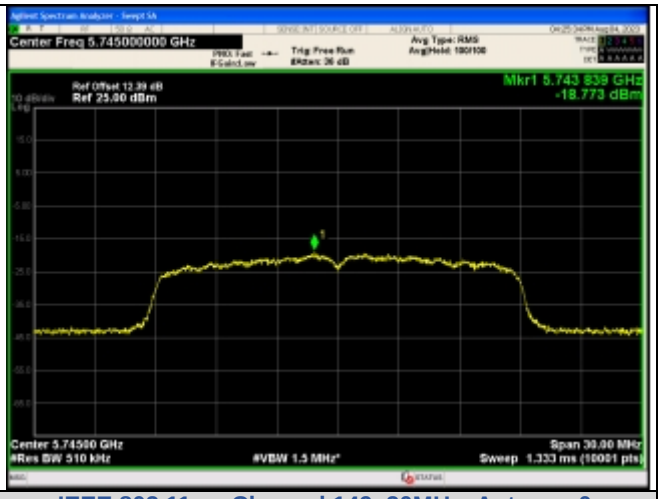
IEEE 802.11n_Channel 157_20MHz_Antenna 0



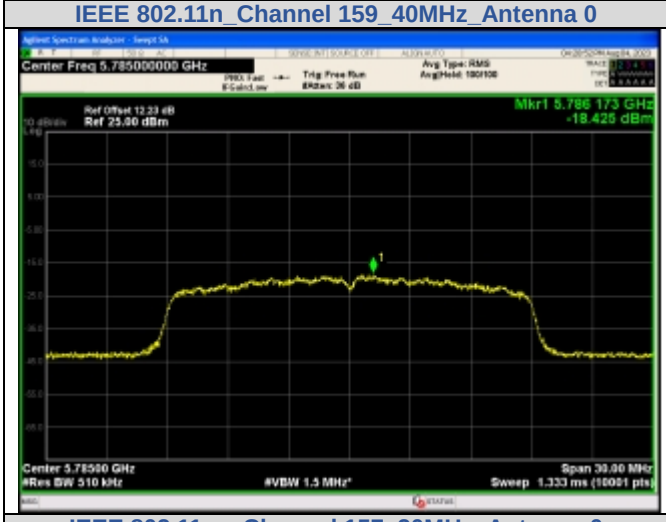
IEEE 802.11n_Channel 165_20MHz_Antenna 0

IEEE 802.11n_Channel 151_40MHz_Antenna 0

IEEE 802.11n_Channel 159_40MHz_Antenna 0

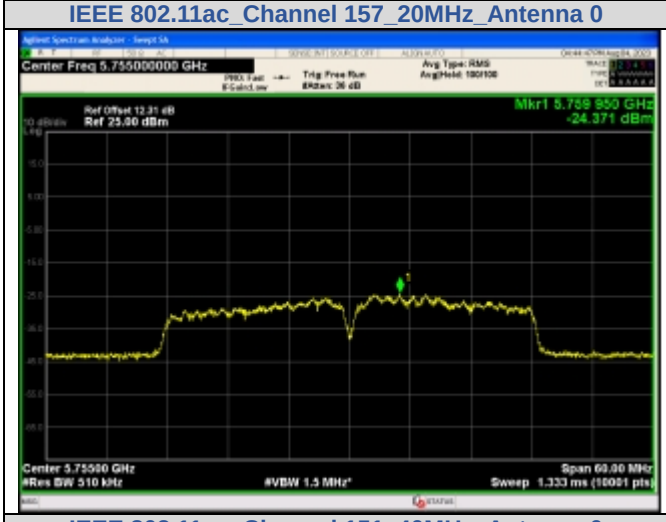


IEEE 802.11ac_Channel 149_20MHz_Antenna 0



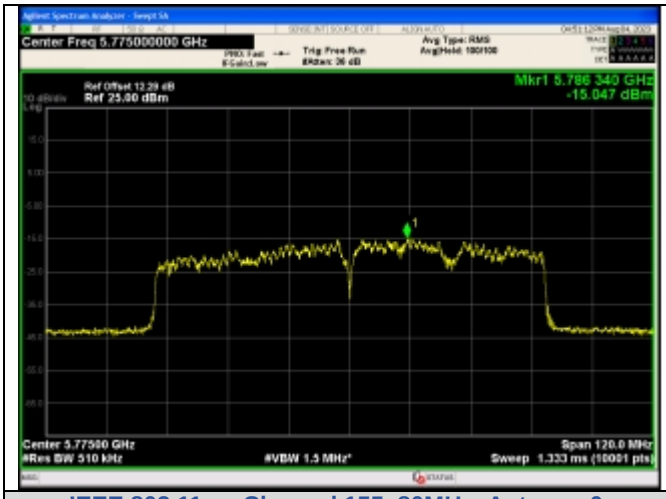
IEEE 802.11ac_Channel 157_20MHz_Antenna 0

IEEE 802.11ac_Channel 165_20MHz_Antenna 0



IEEE 802.11ac_Channel 151_40MHz_Antenna 0

IEEE 802.11ac_Channel 159_40MHz_Antenna 0

	Void
IEEE 802.11ac_Channel 155_80MHz_Antenna 0	

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