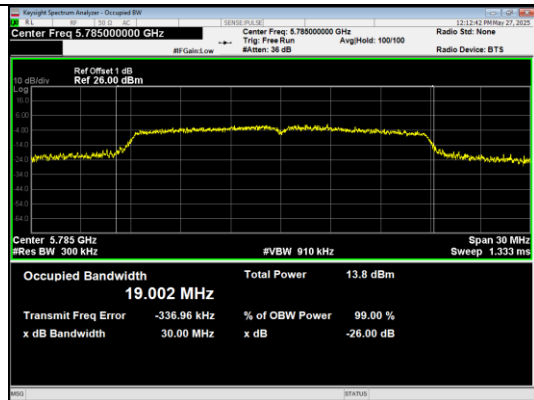
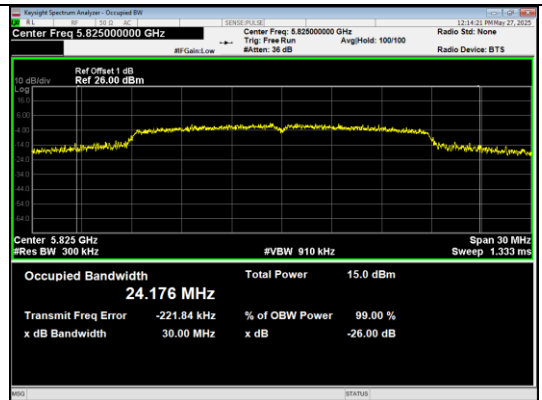
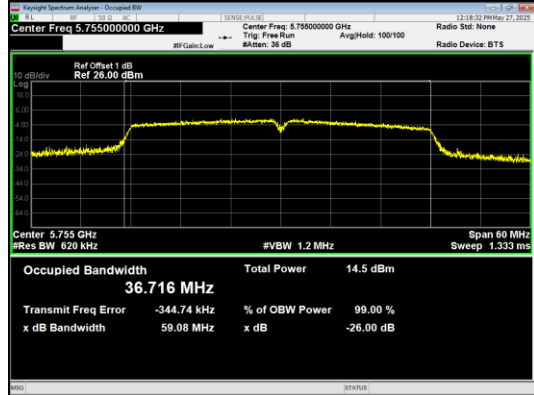




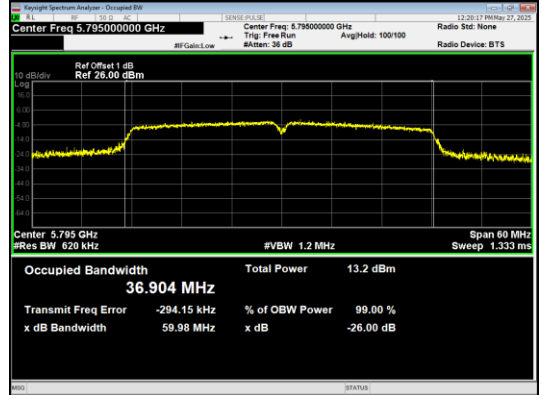
IEEE 802.11n_Channel 157_20MHz_Antenna 2



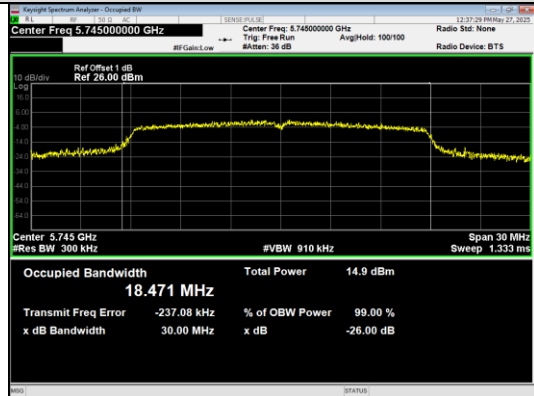
IEEE 802.11n_Channel 165_20MHz_Antenna 2



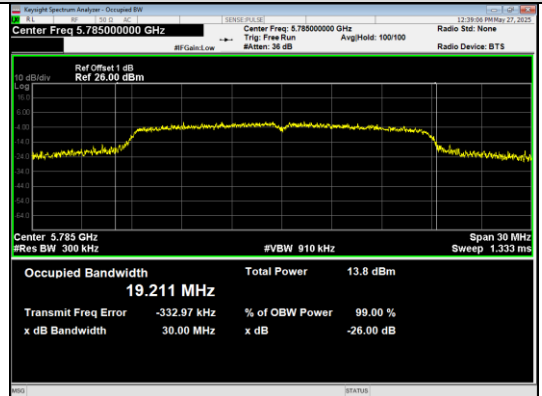
IEEE 802.11n_Channel 151_40MHz_Antenna 2



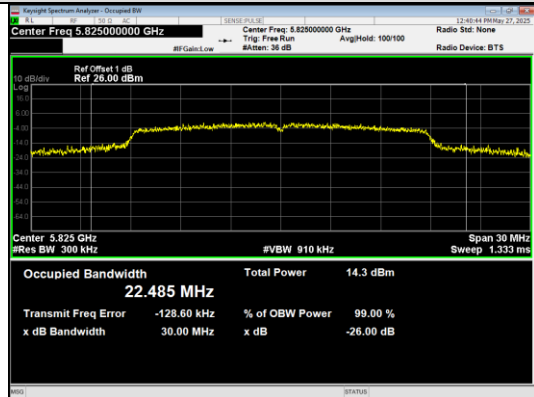
IEEE 802.11n_Channel 159_40MHz_Antenna 2



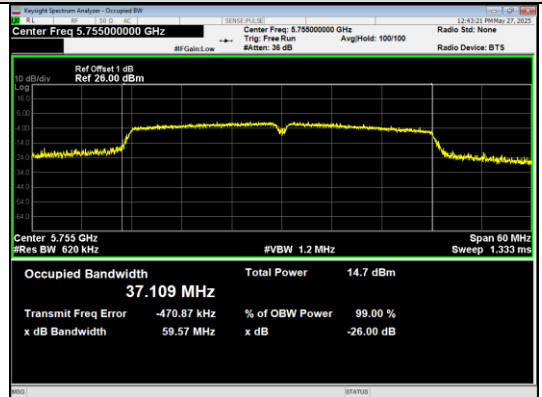
IEEE 802.11ac_Channel 149_20MHz_Antenna 2



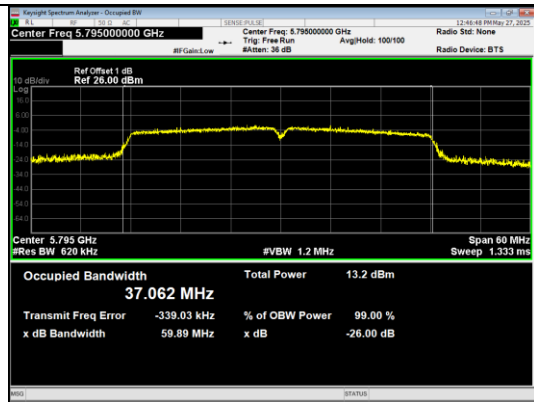
IEEE 802.11ac_Channel 157_20MHz_Antenna 2



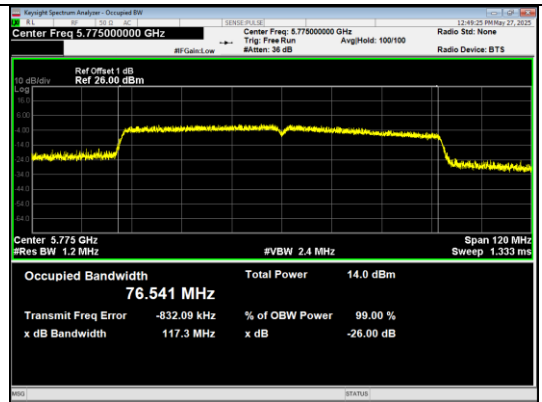
IEEE 802.11ac_Channel 165_20MHz_Antenna 2



IEEE 802.11ac_Channel 151_40MHz_Antenna 2



IEEE 802.11ac_Channel 159_40MHz_Antenna 2



IEEE 802.11ac_Channel 155_80MHz_Antenna 2

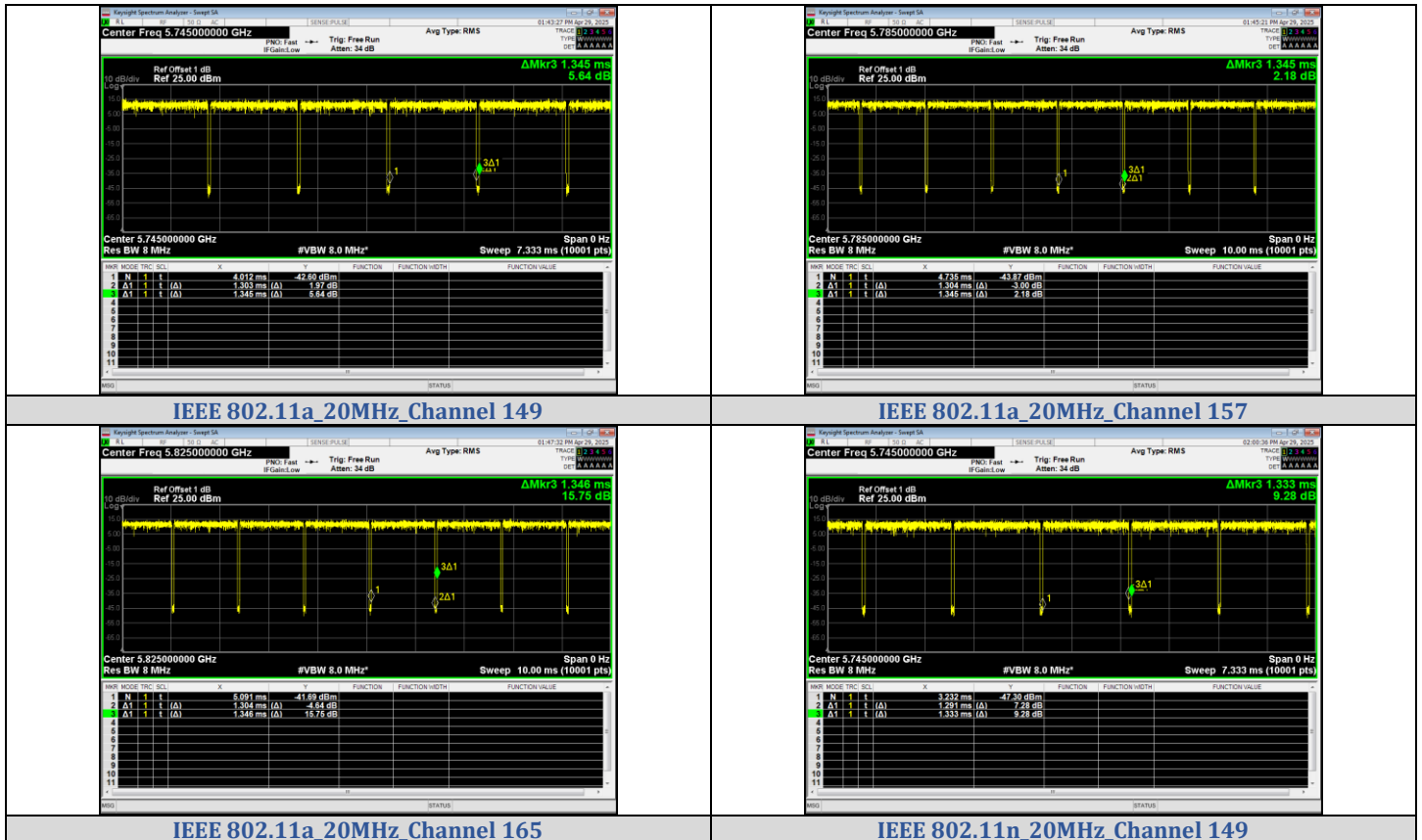
ANT1

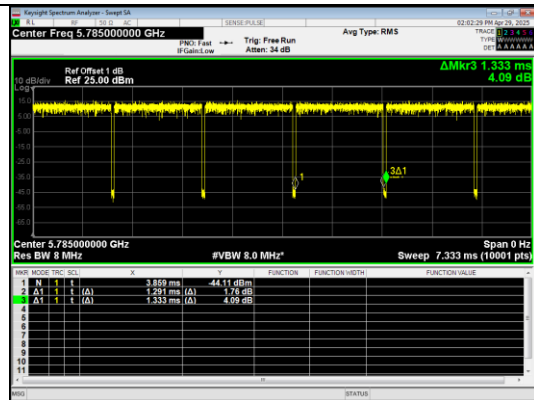
Duty Cycle

Test Result

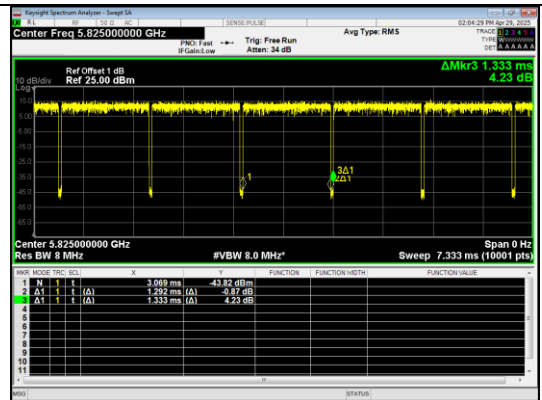
Mode	Data rates	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11a	6	149	1.303	1.345	96.86	0.9686	0.1386	0.7675
		157	1.304	1.345	96.95	0.9695	0.1345	0.7669
		165	1.304	1.346	96.88	0.9688	0.1377	0.7669
IEEE 802.11n_20	MCS 0	149	1.291	1.333	96.83	0.9683	0.1399	0.7746
		157	1.291	1.333	96.83	0.9683	0.1399	0.7746
		165	1.292	1.333	96.88	0.9688	0.1377	0.7740
IEEE 802.11n_40		151	0.638	0.680	93.83	0.9383	0.2766	1.5674
		159	0.638	0.680	93.75	0.9375	0.2803	1.5674
IEEE 802.11ac_20		149	1.315	1.357	96.88	0.9688	0.1377	0.7605
		157	1.316	1.357	96.98	0.9698	0.1332	0.7599
		165	1.316	1.357	96.94	0.9694	0.135	0.7599
IEEE 802.11ac_40		151	0.655	0.697	93.90	0.9390	0.2733	1.5267
		159	0.654	0.697	93.90	0.9390	0.2733	1.5291
IEEE 802.11ac_80		155	0.325	0.369	88.20	0.8820	0.5453	3.0769

Test Graphs

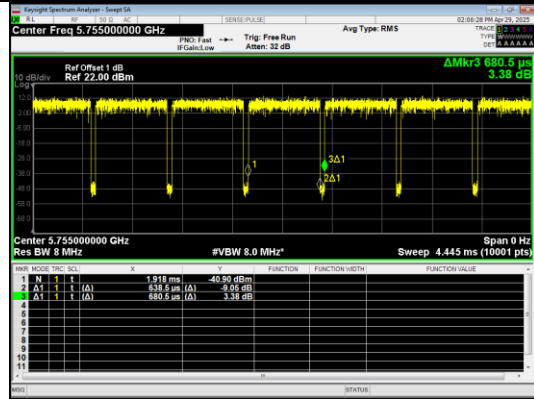




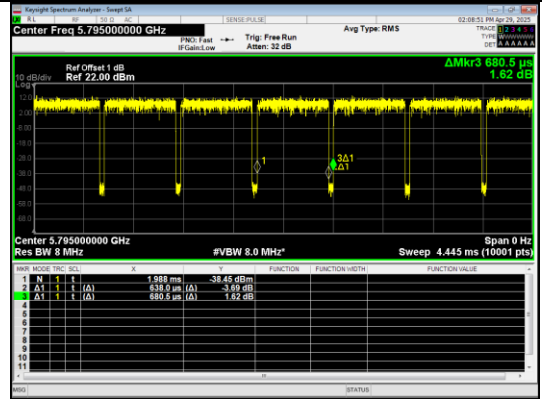
IEEE 802.11n_20MHz_Channel 157



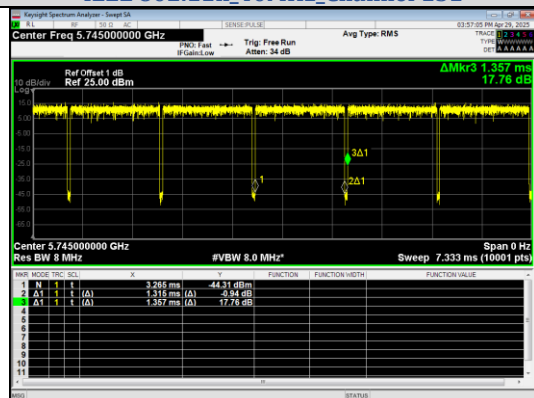
IEEE 802.11n_20MHz_Channel 165



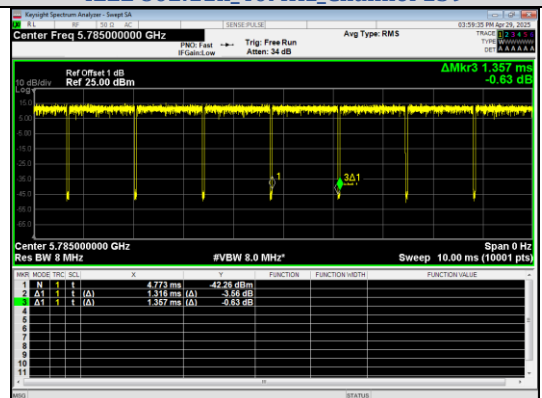
IEEE 802.11n_40MHz_Channel 151



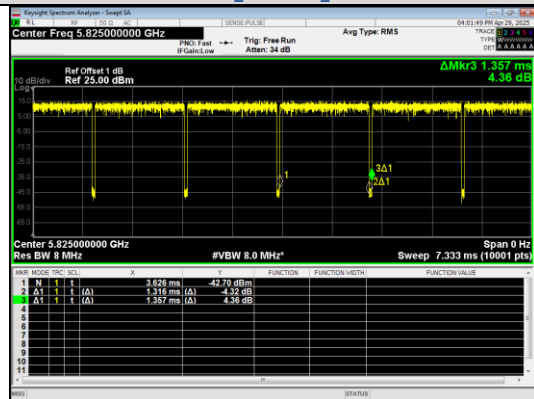
IEEE 802.11n_40MHz_Channel 159



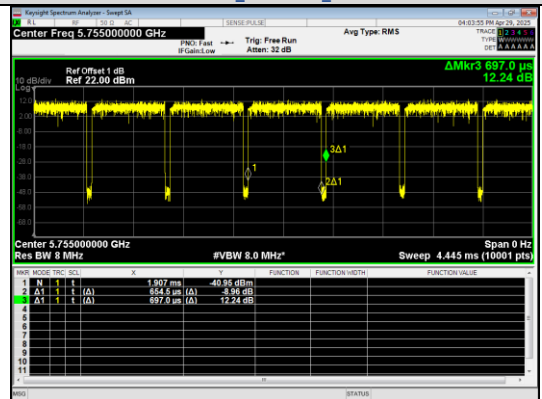
IEEE 802.11ac_20MHz_Channel 149



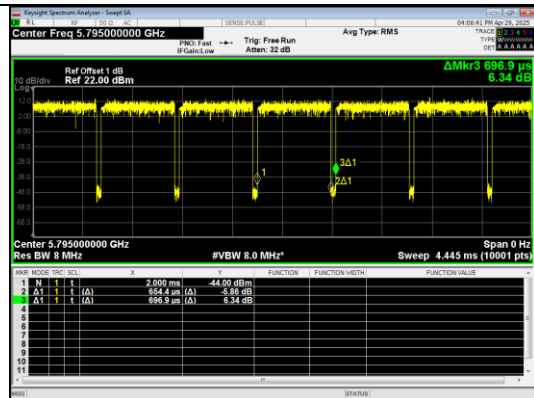
IEEE 802.11ac_20MHz_Channel 157



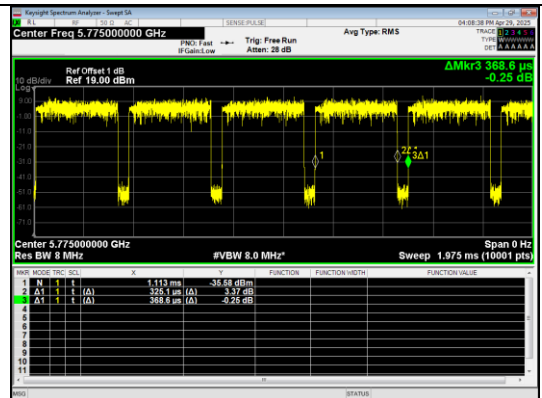
IEEE 802.11ac_20MHz_Channel 165



IEEE 802.11ac_40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



IEEE 802.11ac_80MHz_Channel 155

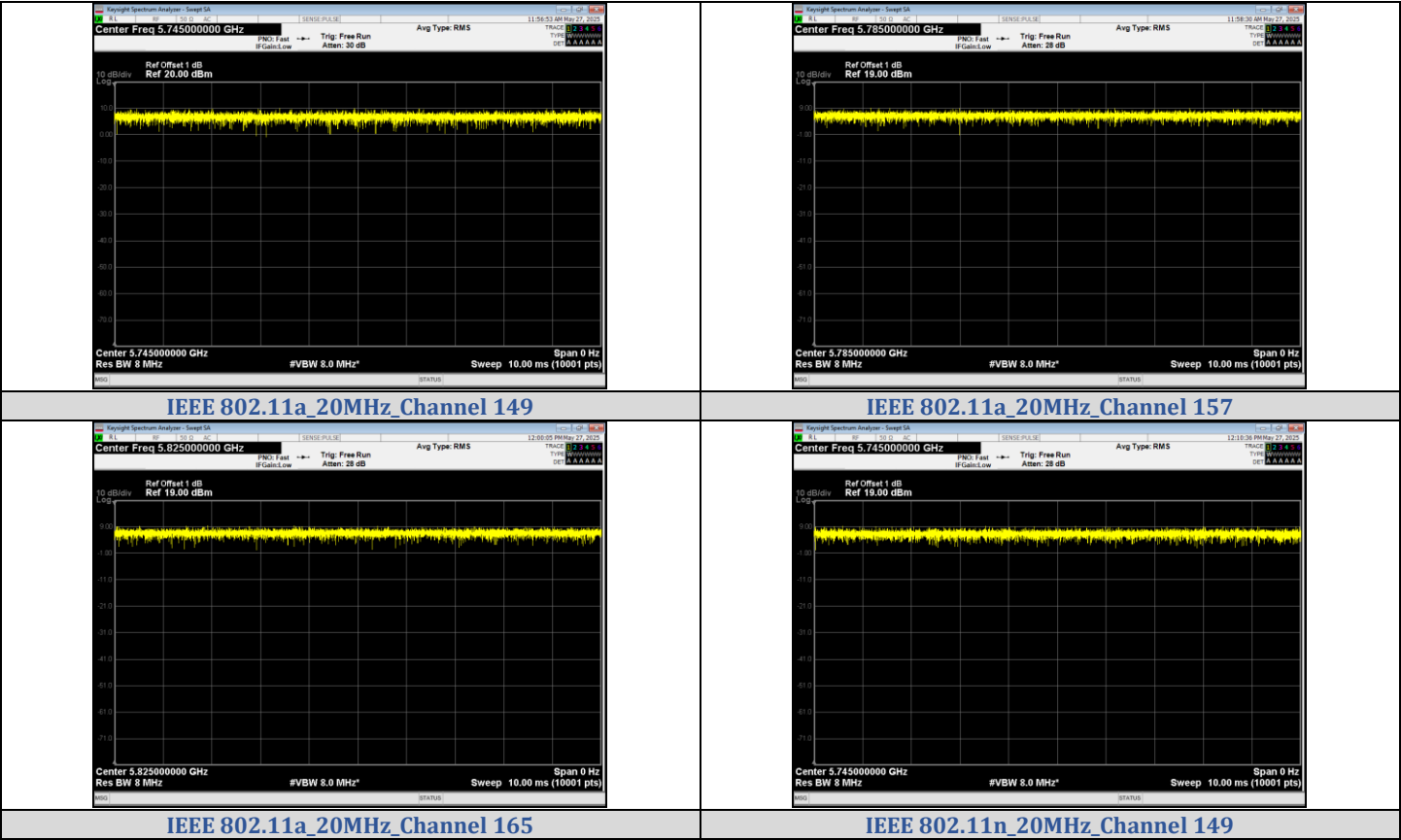
ANT1

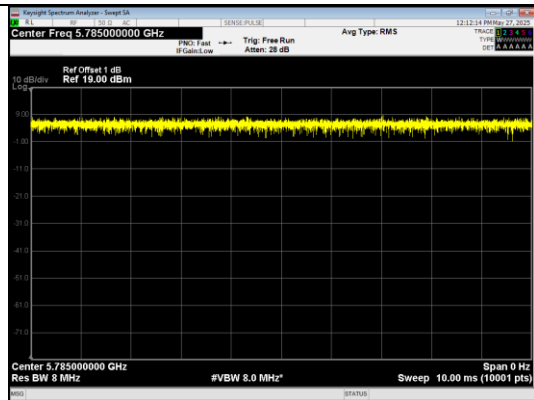
Duty Cycle

Test Result

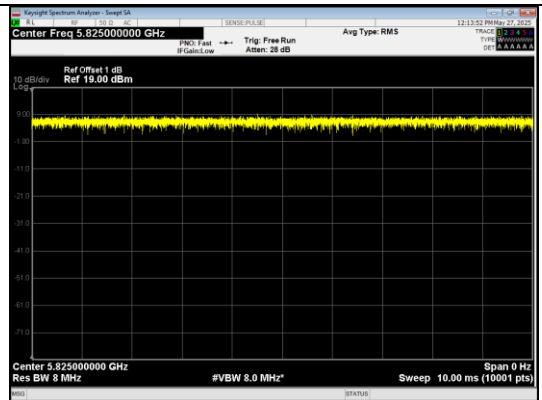
Mode	Data rates	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11a	6	149	10.000	10.000	100	1	0.0	0.1000
		157	10.000	10.000	100	1	0.0	0.1000
		165	10.000	10.000	100	1	0.0	0.1000
IEEE 802.11n_20	MCS 0	149	10.000	10.000	100	1	0.0	0.1000
157		10.000	10.000	100	1	0.0	0.1000	
165		10.000	10.000	100	1	0.0	0.1000	
IEEE 802.11n_40		151	10.000	10.000	100	1	0.0	0.1000
159		10.000	10.000	100	1	0.0	0.1000	
IEEE 802.11ac_20		149	10.000	10.000	100	1	0.0	0.1000
157		10.000	10.000	100	1	0.0	0.1000	
165		10.000	10.000	100	1	0.0	0.1000	
IEEE 802.11ac_40		151	10.000	10.000	100	1	0.0	0.1000
159		10.000	10.000	100	1	0.0	0.1000	
IEEE 802.11ac_80		155	10.000	10.000	100	1	0.0	0.1000

Test Graphs

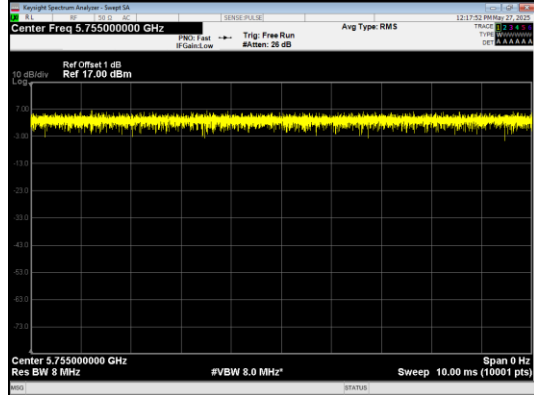




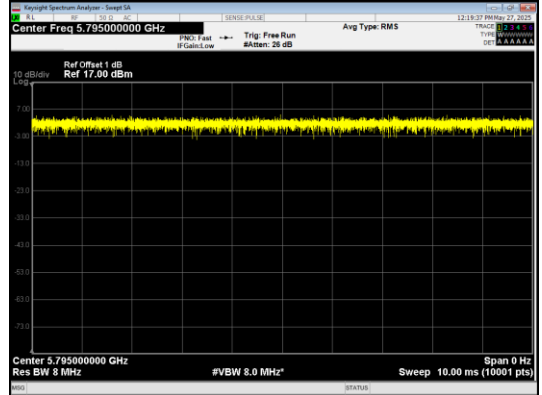
IEEE 802.11n_20MHz_Channel 157



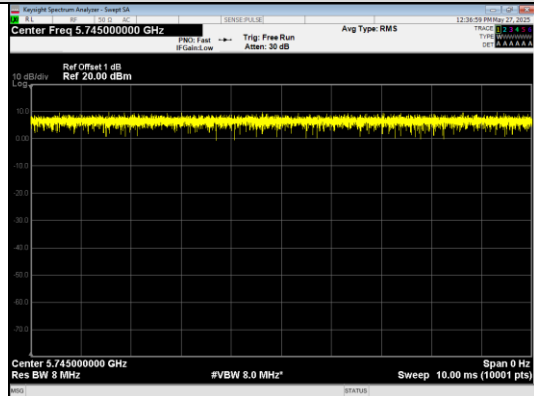
IEEE 802.11n_20MHz_Channel 165



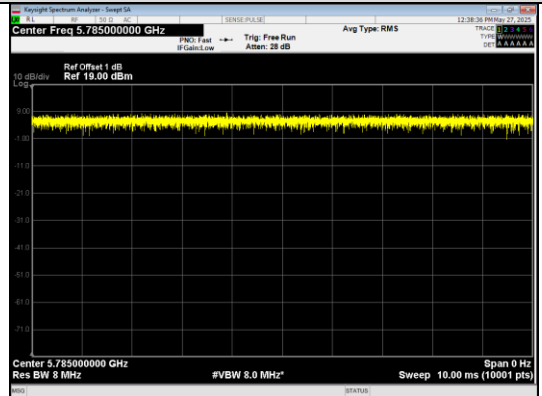
IEEE 802.11n_40MHz_Channel 151



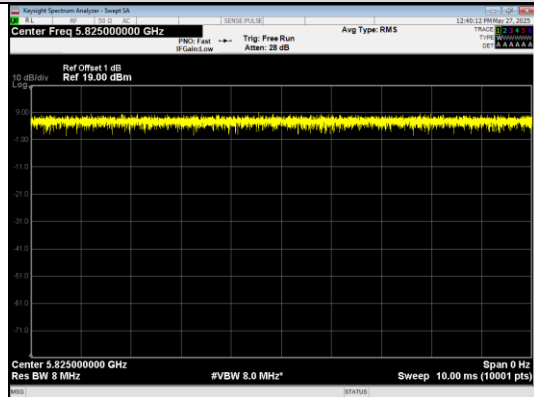
IEEE 802.11n_40MHz_Channel 159



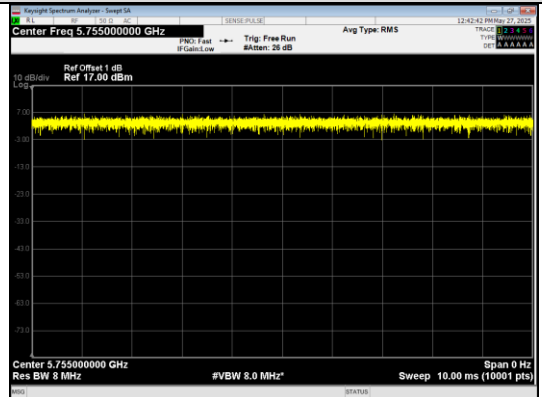
IEEE 802.11ac_20MHz_Channel 149



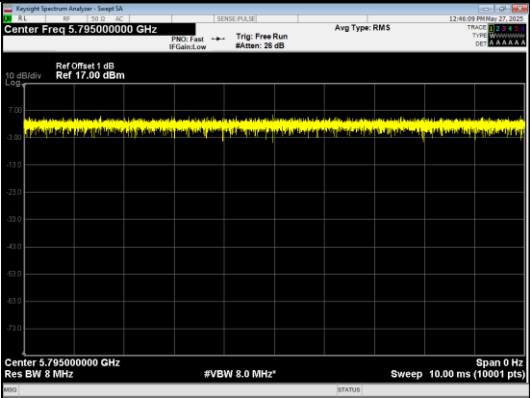
IEEE 802.11ac_20MHz_Channel 157



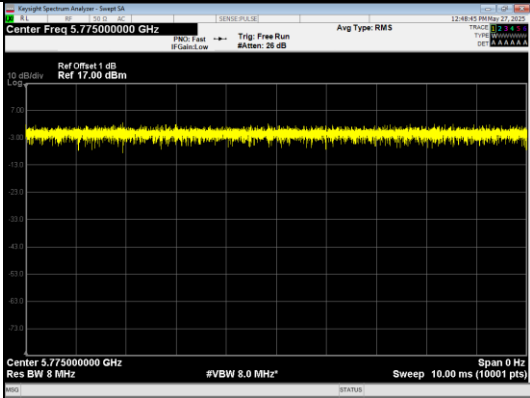
IEEE 802.11ac_20MHz_Channel 165



IEEE 802.11ac_40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



IEEE 802.11ac_80MHz_Channel 155

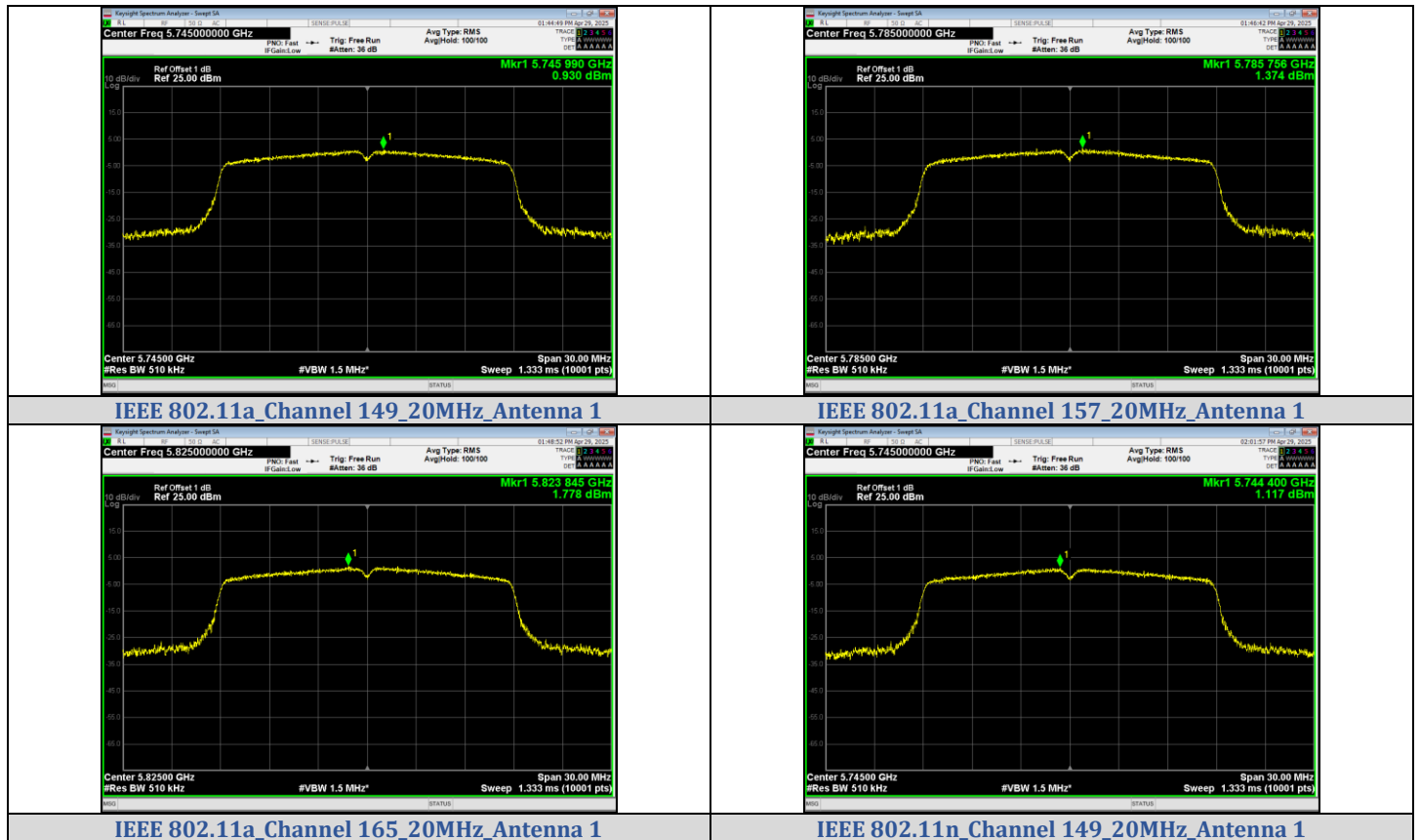
ANT1

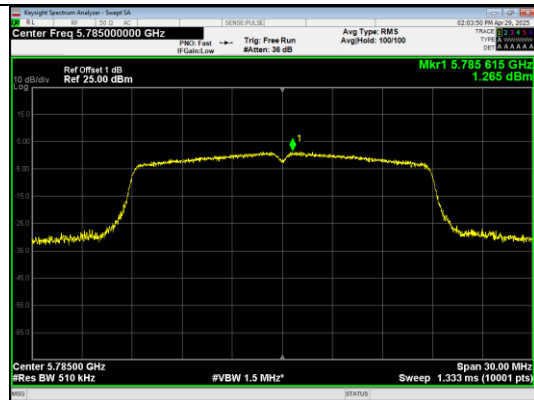
Peak Power Spectral Density

Test Result

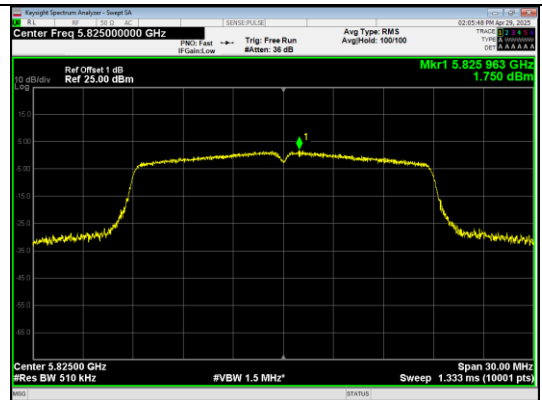
Mode	Channel	Ant. 1 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 1 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	149	0.930	1.068	30	PASS
	157	1.374	1.512		PASS
	165	1.778	1.916		PASS
IEEE 802.11n_20	149	1.117	1.255		PASS
	157	1.265	1.403		PASS
	165	1.750	1.888		PASS
IEEE 802.11n_40	151	-1.909	-1.629		PASS
	159	-1.891	-1.611		PASS
IEEE 802.11ac_20	149	1.168	1.303		PASS
	157	1.868	2.003		PASS
	165	1.509	1.644		PASS
IEEE 802.11ac_40	151	-1.862	-1.589		PASS
	159	-1.883	-1.61		PASS
IEEE 802.11ac_80	155	-5.182	-4.637		PASS

Test Graphs

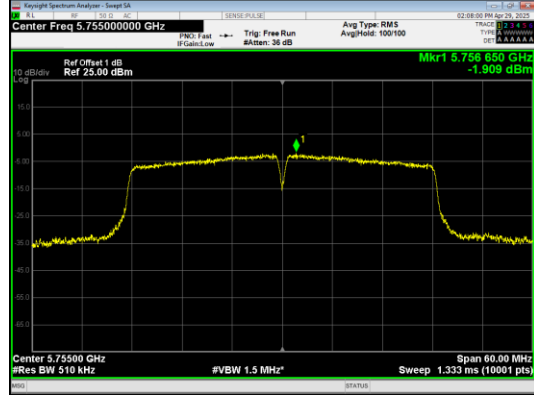




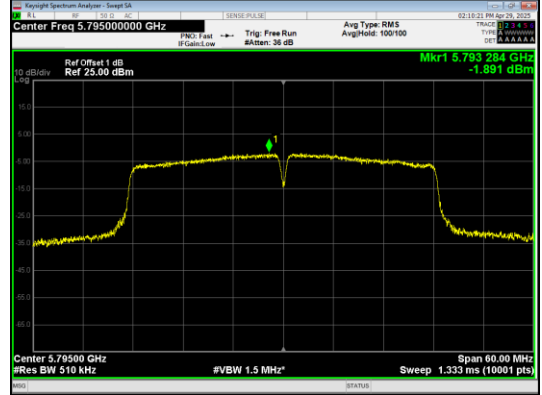
IEEE 802.11n_Channel 157_20MHz_Antenna 1



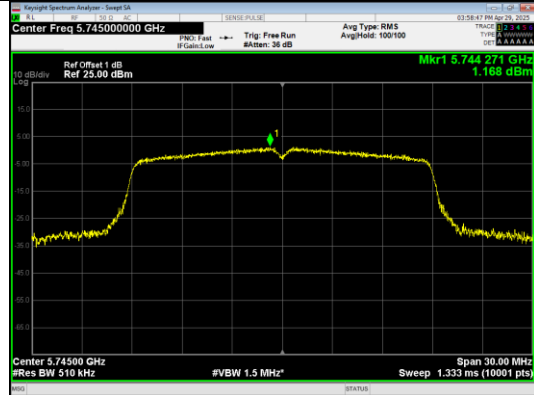
IEEE 802.11n_Channel 165_20MHz_Antenna 1



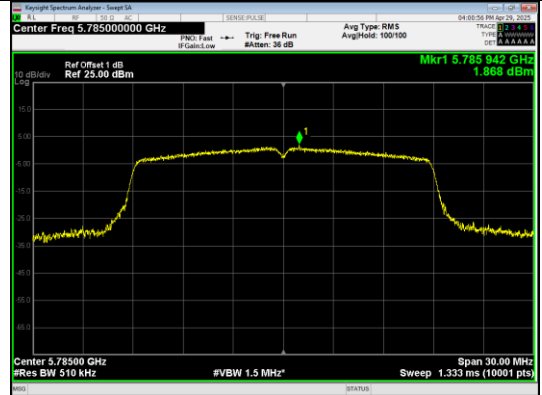
IEEE 802.11n_Channel 151_40MHz_Antenna 1



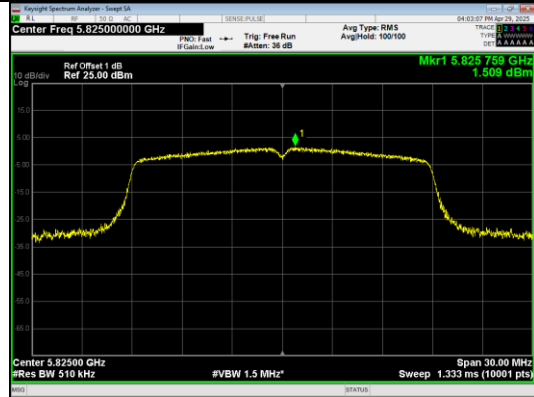
IEEE 802.11n_Channel 159_40MHz_Antenna 1



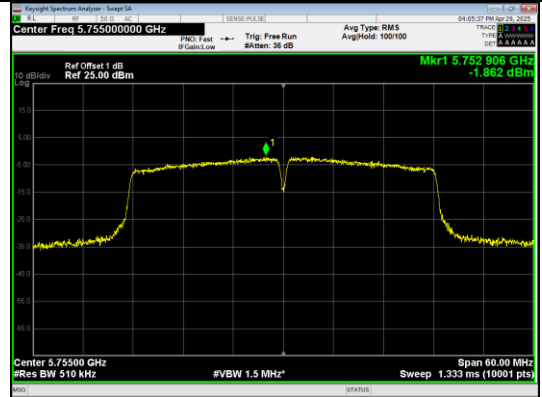
IEEE 802.11ac_Channel 149_20MHz_Antenna 1



IEEE 802.11ac_Channel 157_20MHz_Antenna 1



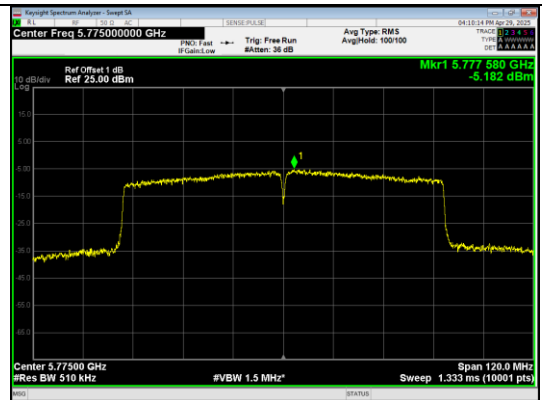
IEEE 802.11ac_Channel 165_20MHz_Antenna 1



IEEE 802.11ac_Channel 151_40MHz_Antenna 1



IEEE 802.11ac_Channel 159_40MHz_Antenna 1



IEEE 802.11ac_Channel 155_80MHz_Antenna 1

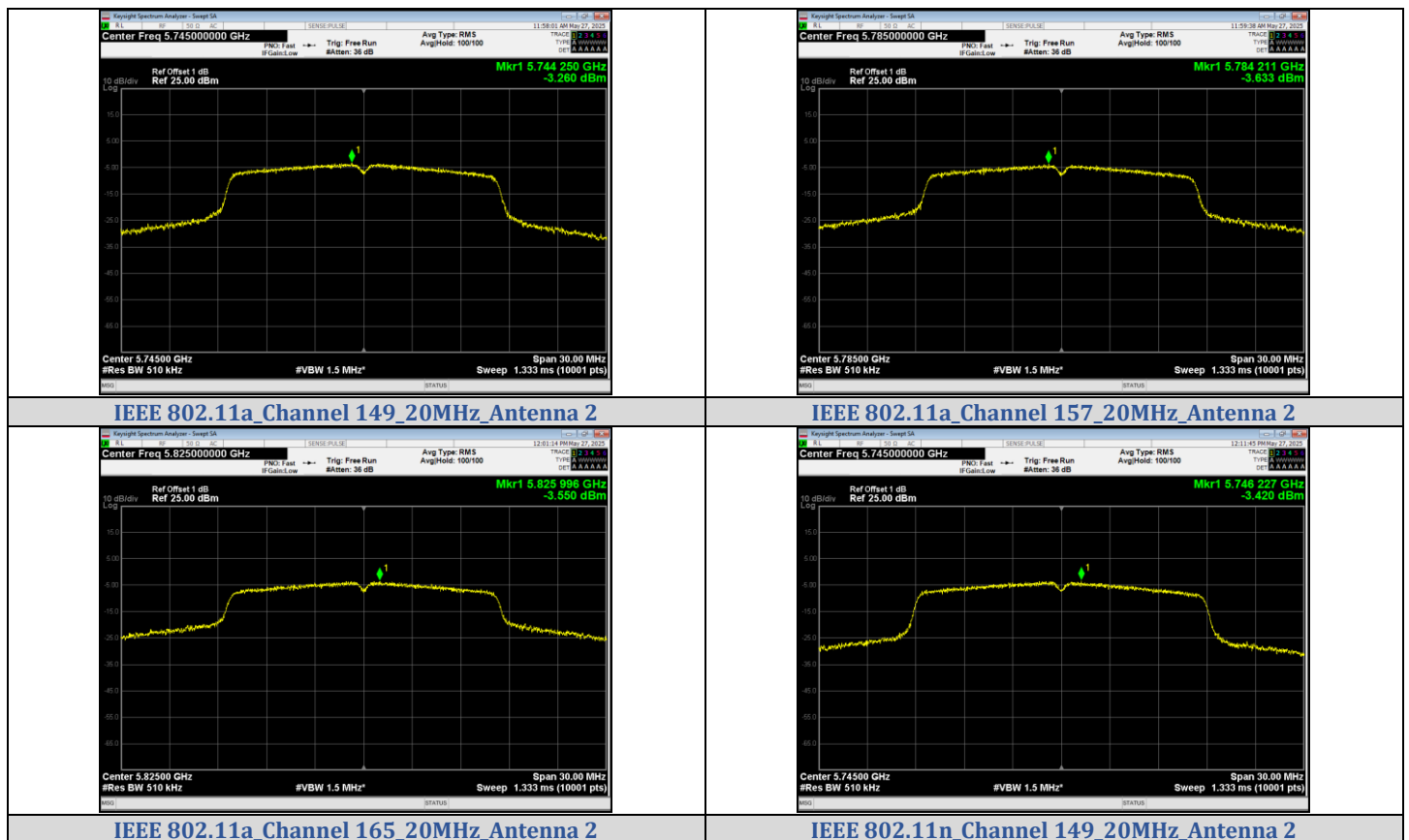
ANT2

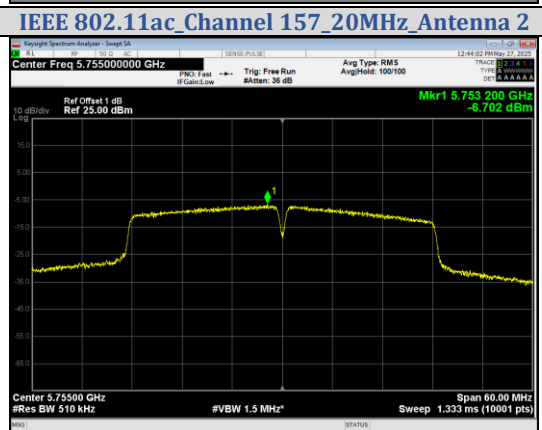
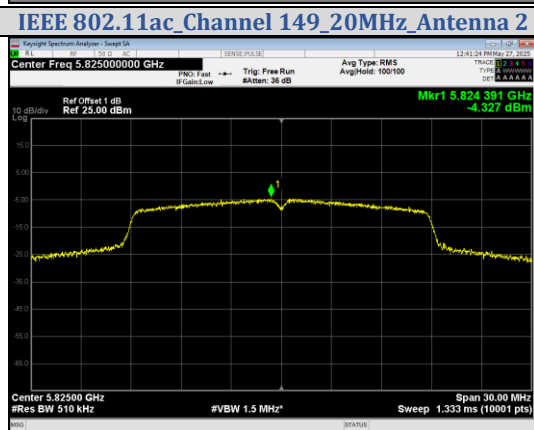
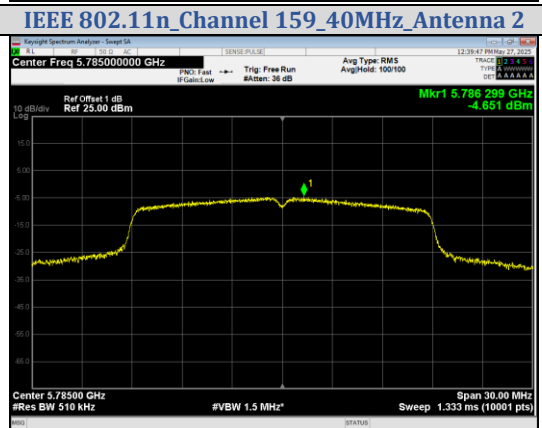
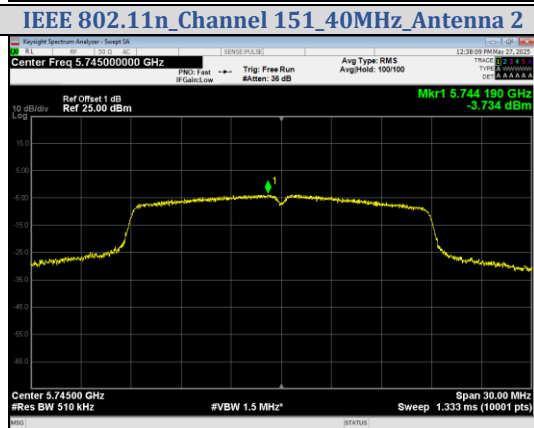
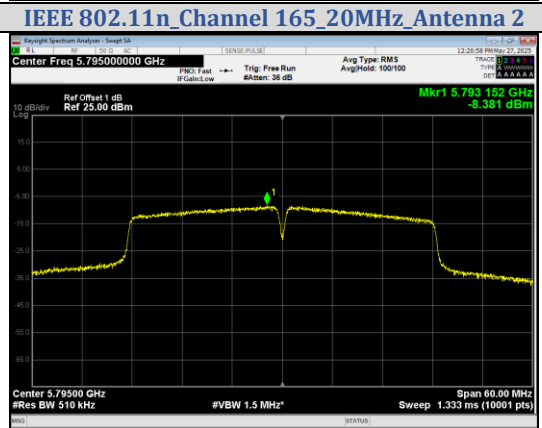
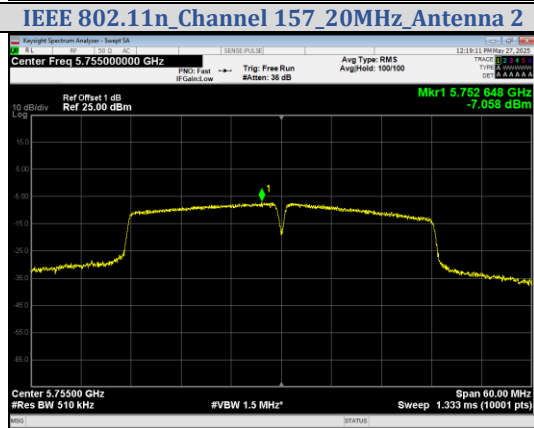
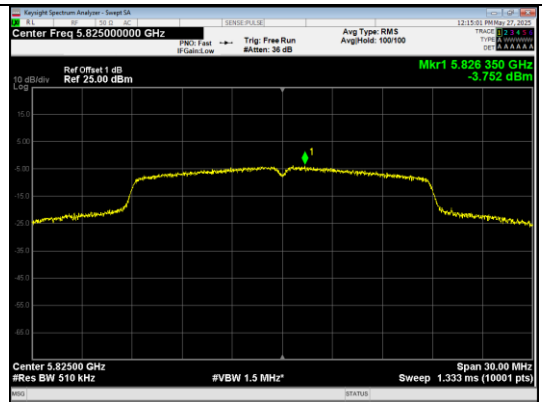
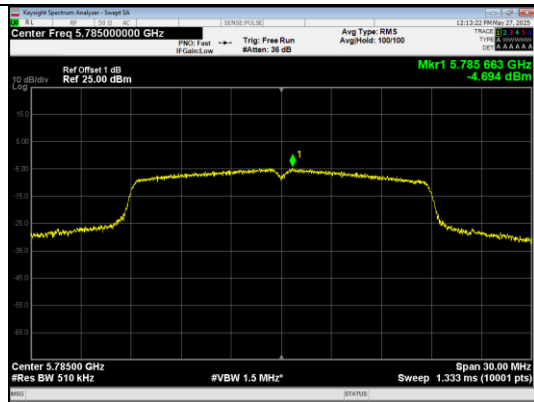
Peak Power Spectral Density

Test Result

Mode	Channel	Ant. 2 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 2 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	149	-3.260	-3.26	30	PASS
	157	-3.633	-3.633		PASS
	165	-3.550	-3.55		PASS
IEEE 802.11n_20	149	-3.420	-3.42		PASS
	157	-4.694	-4.694		PASS
	165	-3.752	-3.752		PASS
IEEE 802.11n_40	151	-7.058	-7.058		PASS
	159	-8.381	-8.381		PASS
IEEE 802.11ac_20	149	-3.734	-3.734		PASS
	157	-4.651	-4.651		PASS
	165	-4.327	-4.327		PASS
IEEE 802.11ac_40	151	-6.702	-6.702		PASS
	159	-8.020	-8.02		PASS
IEEE 802.11ac_80	155	-11.696	-11.696		PASS

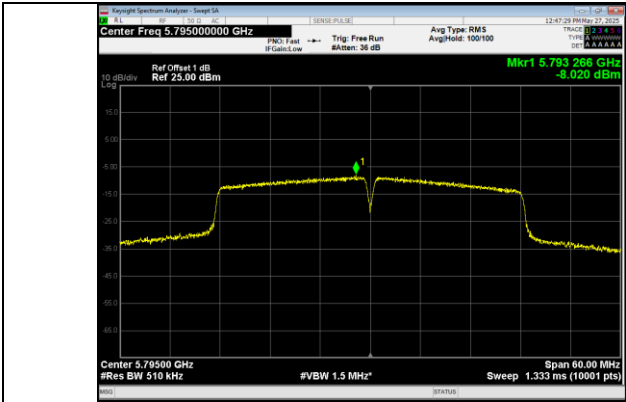
Test Graphs



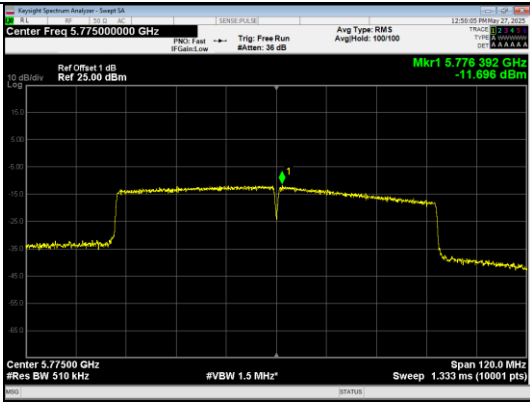


IEEE 802.11ac_Channel 165_20MHz_Antenna 2

IEEE 802.11ac_Channel 151_40MHz_Antenna 2



IEEE 802.11ac_Channel 159_40MHz_Antenna 2



IEEE 802.11ac_Channel 155_80MHz_Antenna 2

MIMO

Mode	Channel	Ant. 1 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 2 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	MIMO Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	149	0.930	-3.26	2.332	30	PASS
	157	1.374	-3.633	2.566		PASS
	165	1.778	-3.55	2.895		PASS
IEEE 802.11n_20	149	1.117	-3.42	2.426		PASS
	157	1.265	-4.694	2.246		PASS
	165	1.750	-3.752	2.828		PASS
IEEE 802.11n_40	151	-1.909	-7.058	-0.751		PASS
	159	-1.891	-8.381	-1.012		PASS
IEEE 802.11ac_20	149	1.168	-3.734	2.385		PASS
	157	1.868	-4.651	2.742		PASS
	165	1.509	-4.327	2.516		PASS
IEEE 802.11ac_40	151	-1.862	-6.702	-0.630		PASS
	159	-1.883	-8.02	-0.937		PASS
IEEE 802.11ac_80	155	-5.182	-11.696	-4.307		PASS