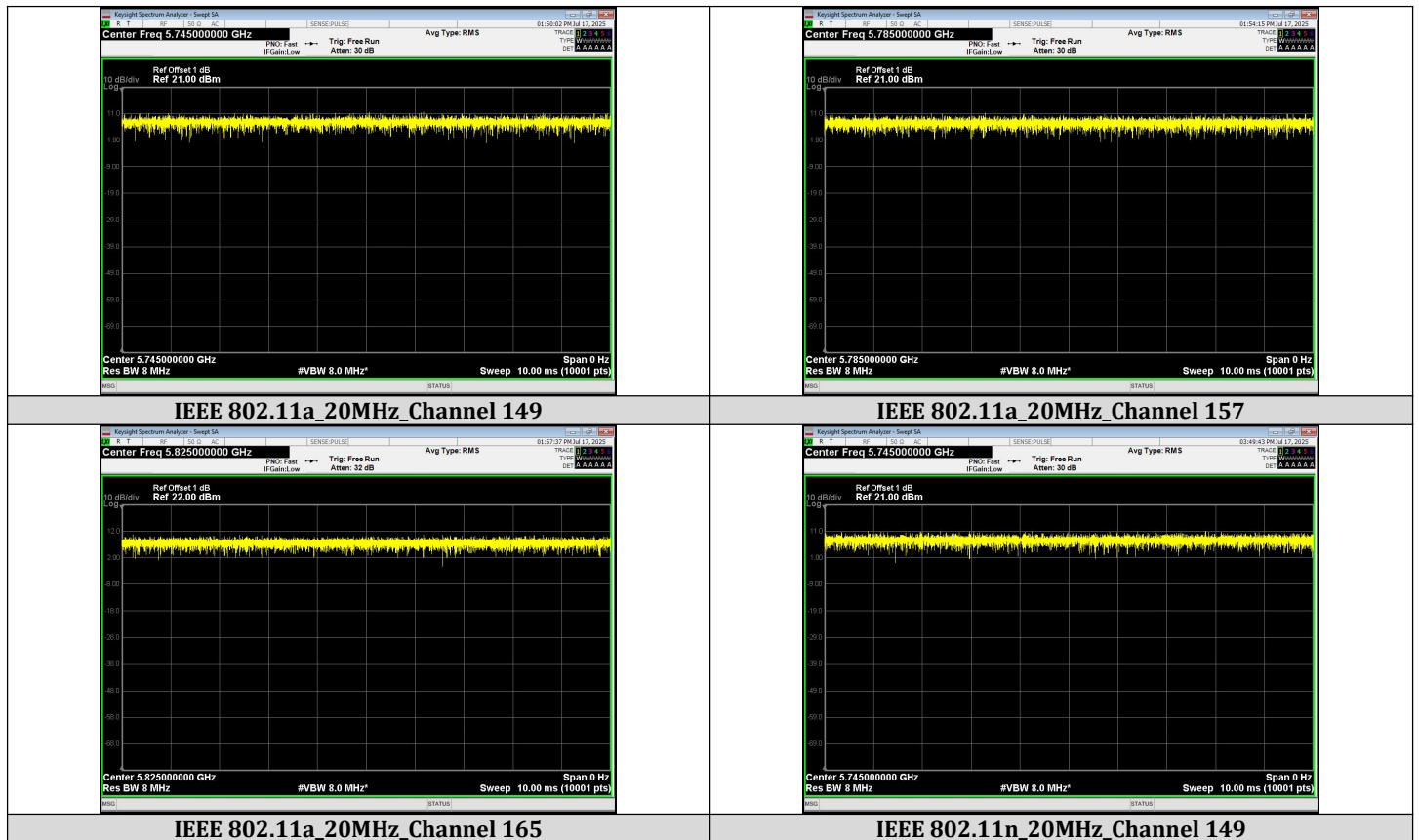


Duty Cycle

Test Result

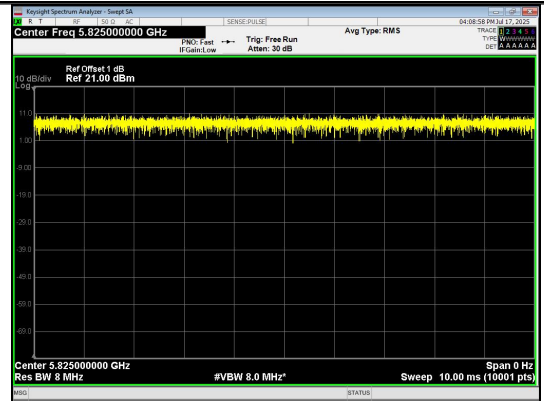
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11a	6	149	1	10.000	10.000	100	1	0.0	0.1000
		157		10.000	10.000	100	1	0.0	0.1000
		165		10.000	10.000	100	1	0.0	0.1000
IEEE 802.11n_20		149		10.000	10.000	100	1	0.0	0.1000
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

Test Graphs

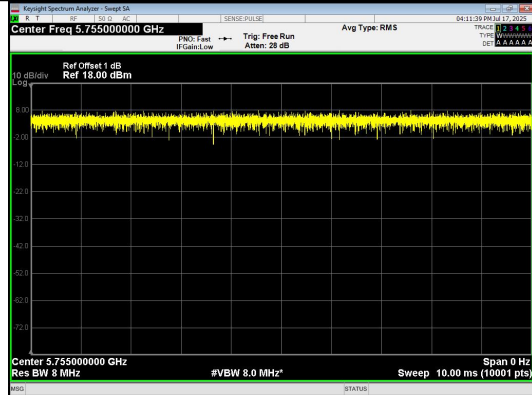




IEEE 802.11n 20MHz_Channel 157



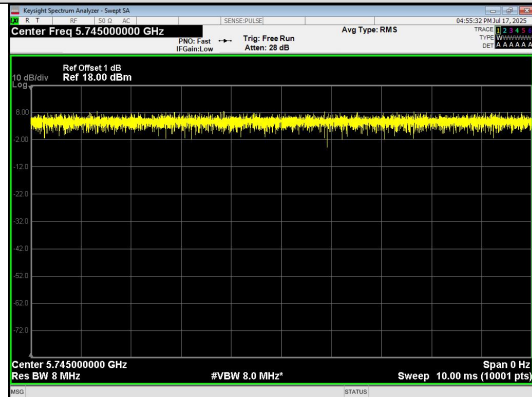
IEEE 802.11n 20MHz_Channel 165



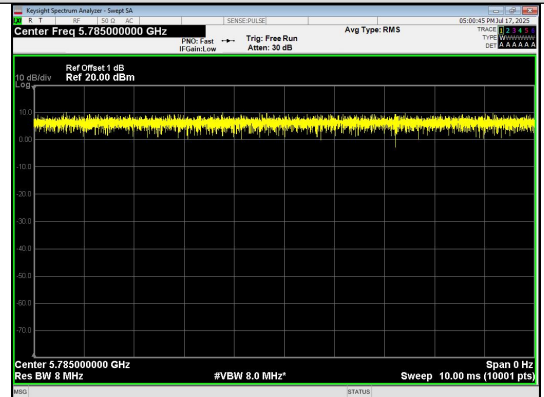
IEEE 802.11n 40MHz_Channel 151



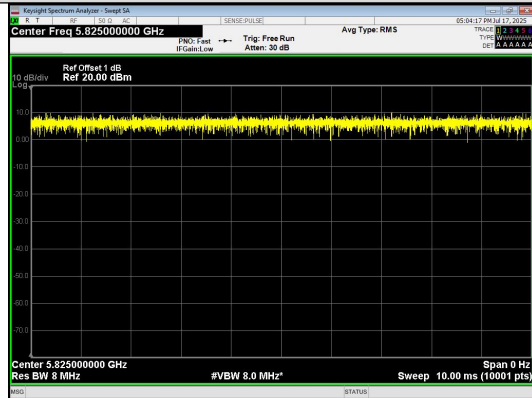
IEEE 802.11n 40MHz_Channel 159



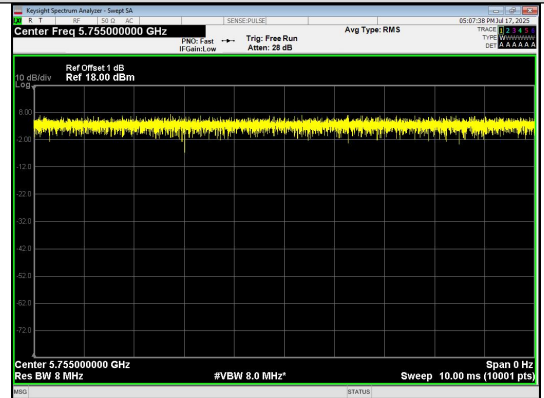
IEEE 802.11ac 20MHz_Channel 149



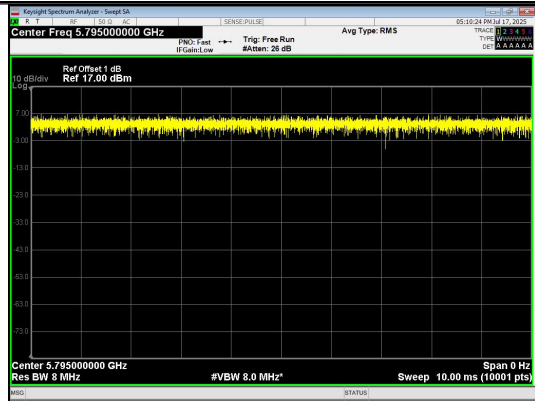
IEEE 802.11ac 20MHz_Channel 157



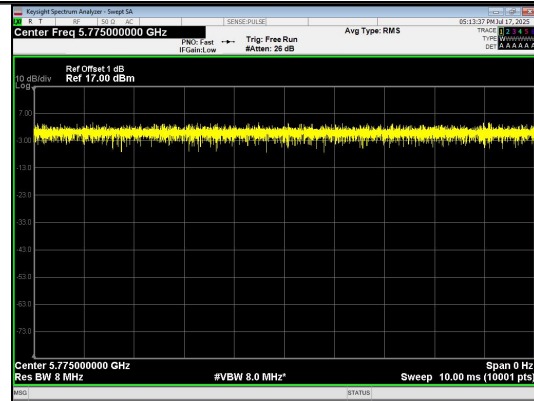
IEEE 802.11ac 20MHz_Channel 165



IEEE 802.11ac 40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



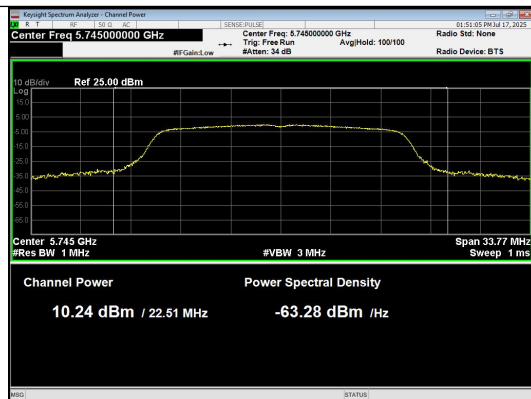
IEEE 802.11ac_80MHz_Channel 155

Conducted Output Power

Conducted output power

Mode	Channel	Ant. 0 (dBm)	Corr'd Value Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	149	10.24	10.24	≤30	PASS
	157	9.76	9.76	≤30	PASS
	165	10.20	10.2	≤30	PASS
IEEE 802.11n_20	149	10.17	10.17	≤30	PASS
	157	9.76	9.76	≤30	PASS
	165	10.21	10.21	≤30	PASS
IEEE 802.11n_40	151	9.87	9.87	≤30	PASS
	159	9.18	9.18	≤30	PASS
IEEE 802.11ac_20	149	9.31	9.31	≤30	PASS
	157	8.73	8.73	≤30	PASS
	165	8.98	8.98	≤30	PASS
IEEE 802.11ac_40	151	9.16	9.16	≤30	PASS
	159	9.59	9.59	≤30	PASS
IEEE 802.11ac_80	155	9.72	9.72	≤30	PASS

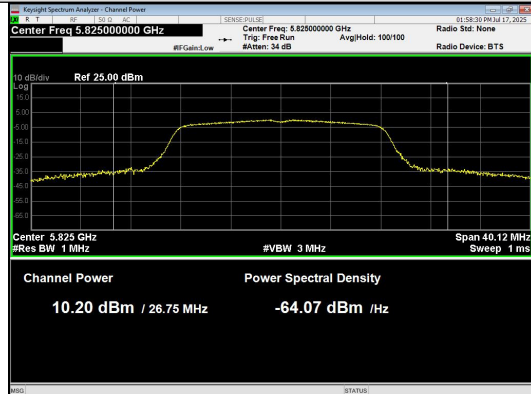
Note: Corrected Value = Antenna Power + Duty Cycle Factor.



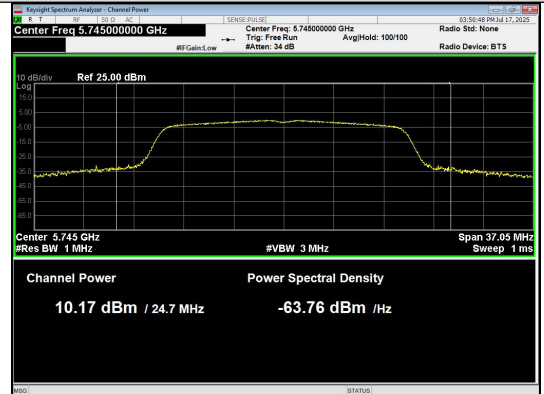
Conducted AVG output power
IEEE 802.11a_Channel 149_Antenna 0



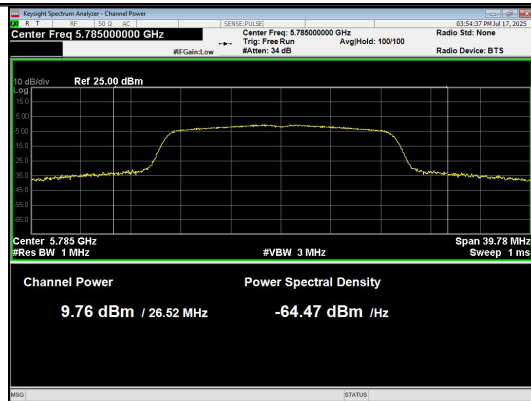
Conducted AVG output power
IEEE 802.11a_Channel 157_Antenna 0



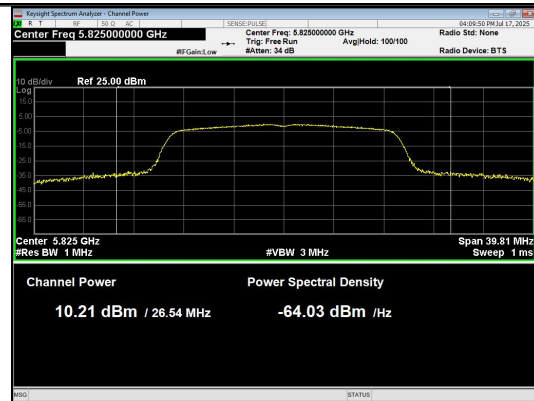
Conducted AVG output power
IEEE 802.11a_Channel 165_Antenna 0



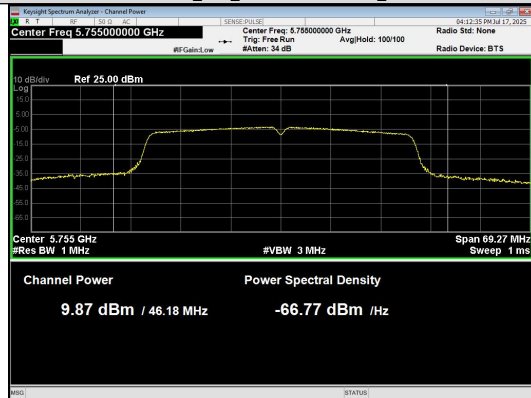
Conducted AVG output power
IEEE 802.11n_20_Channel 149_Antenna 0



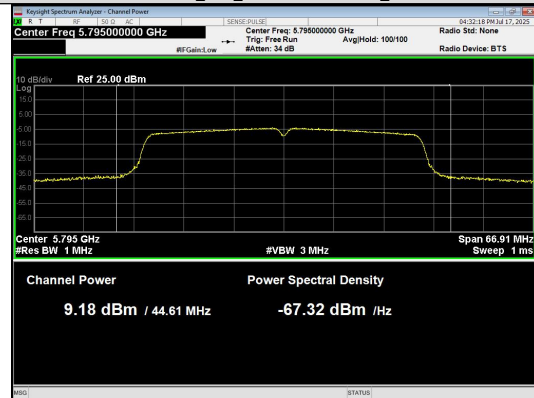
Conducted AVG output power
IEEE 802.11n_20_Channel 157_Antenna 0



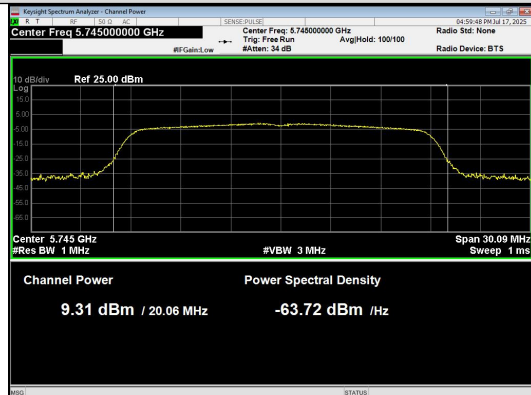
Conducted AVG output power
IEEE 802.11n_20_Channel 165_Antenna 0



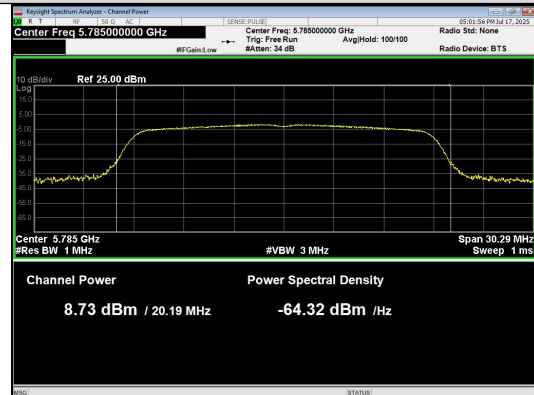
Conducted AVG output power
IEEE 802.11n_40_Channel 151_Antenna 0



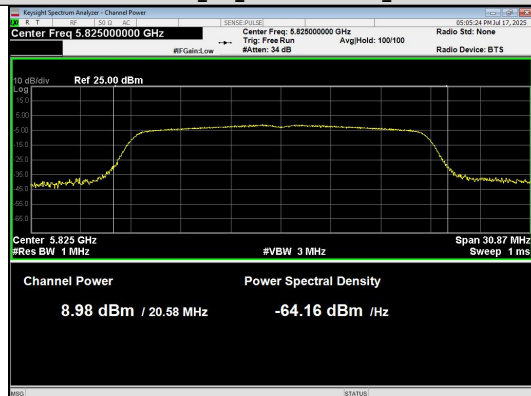
Conducted AVG output power
IEEE 802.11n_40_Channel 159_Antenna 0



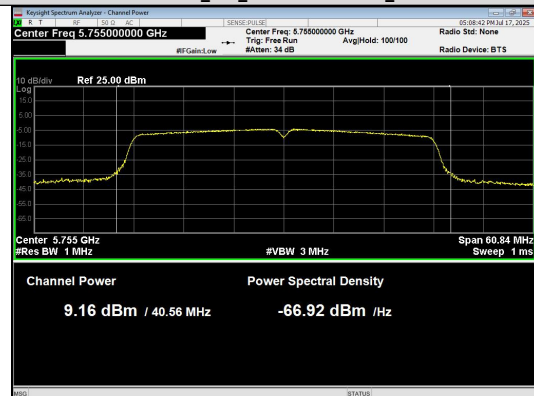
Conducted AVG output power
IEEE 802.11ac_20_Channel 149_Antenna 0



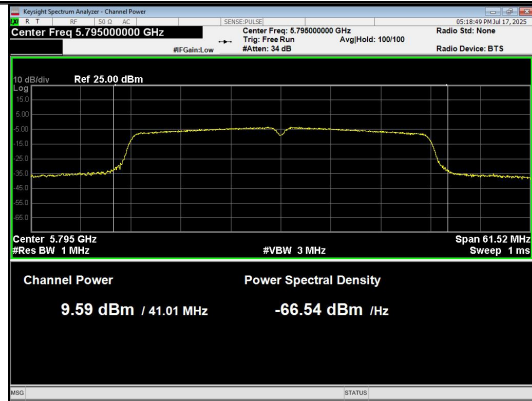
Conducted AVG output power
IEEE 802.11ac_20_Channel 157_Antenna 0



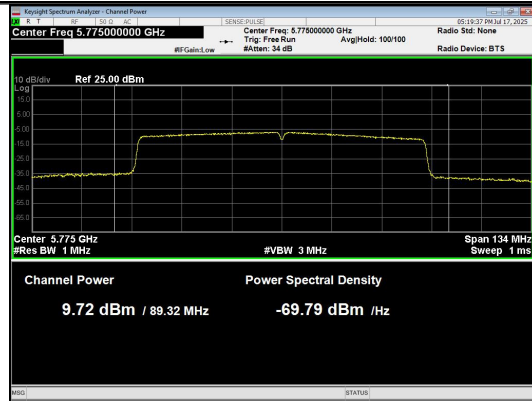
Conducted AVG output power
IEEE 802.11ac_20_Channel 165_Antenna 0



Conducted AVG output power
IEEE 802.11ac_40_Channel 151_Antenna 0



Conducted AVG output power
IEEE 802.11ac_40_Channel 159_Antenna 0



Conducted AVG output power
IEEE 802.11ac_80_Channel 155_Antenna 0



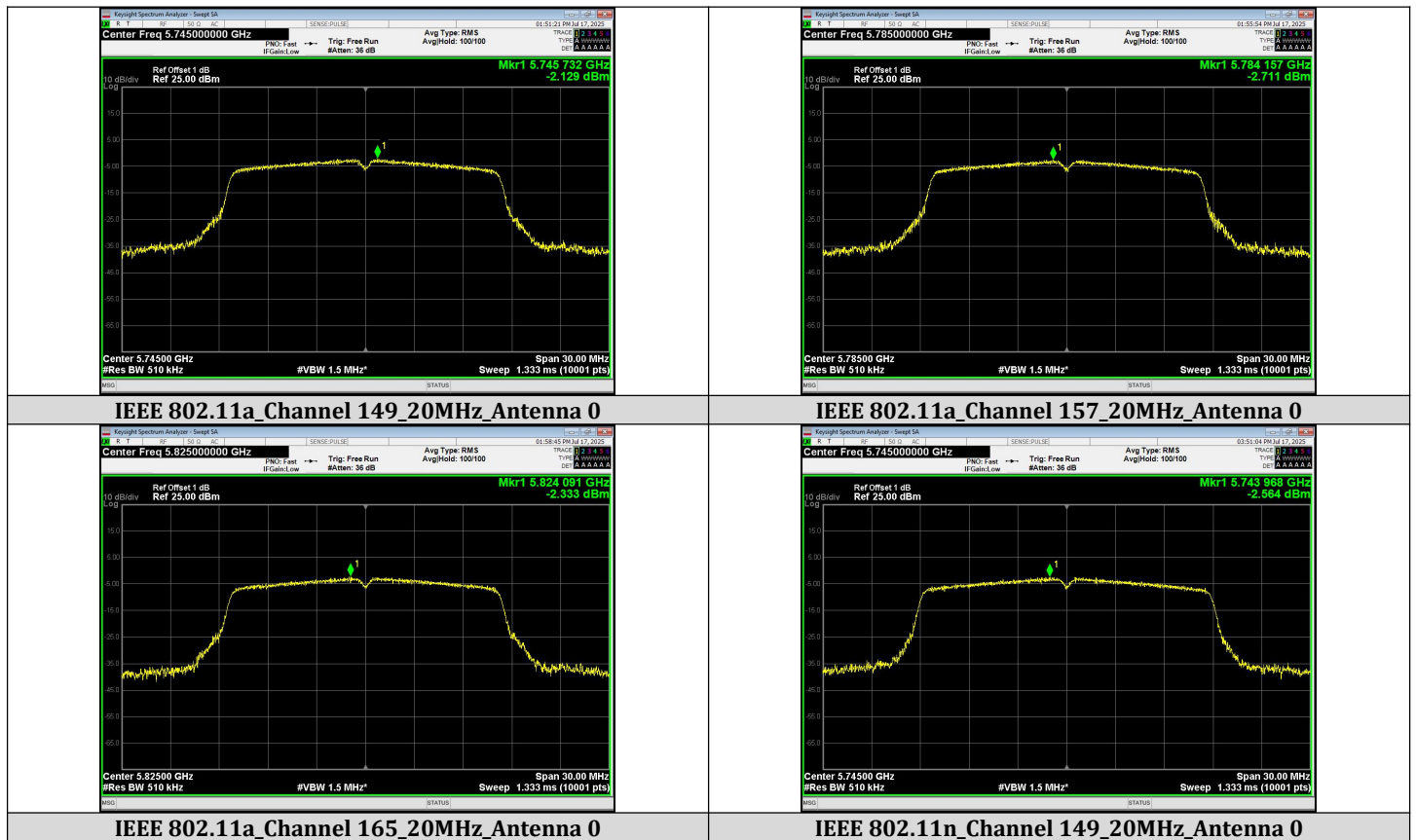
Peak Power Spectral Density

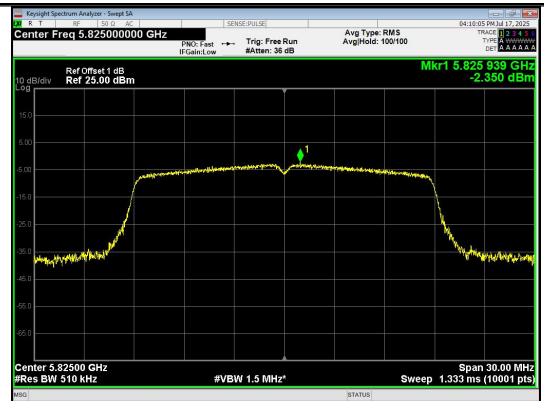
Test Result

Mode	Channel	Ant. 0 Meas PSD (dBm/MHz or dBm/0.51MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	149	-2.130	-2.216	30	PASS
	157	-2.710	-2.796		PASS
	165	-2.330	-2.416		PASS
IEEE 802.11n_20	149	-2.560	-2.646		PASS
	157	-2.770	-2.856		PASS
	165	-2.350	-2.436		PASS
IEEE 802.11n_40	151	-5.410	-5.496		PASS
	159	-6.390	-6.476		PASS
IEEE 802.11ac_20	149	-5.220	-5.306		PASS
	157	-3.990	-4.076		PASS
	165	-3.760	-3.846		PASS
IEEE 802.11ac_40	151	-6.170	-6.256		PASS
	159	-6.660	-6.746		PASS
IEEE 802.11ac_80	155	-9.940	-10.026		PASS

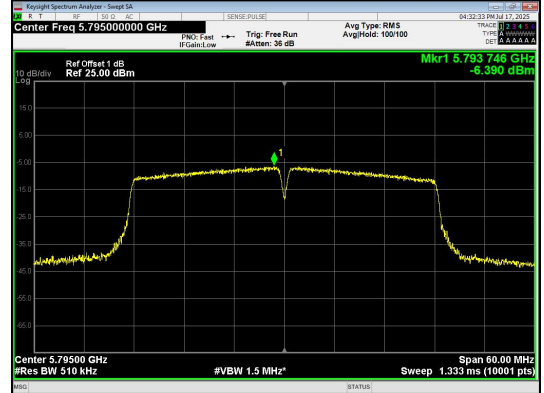
Note: Corr'd PSD = Meas PSD +Duty cycle Factor- BW factor($10 \cdot \log(510/500)$).

Test Graphs

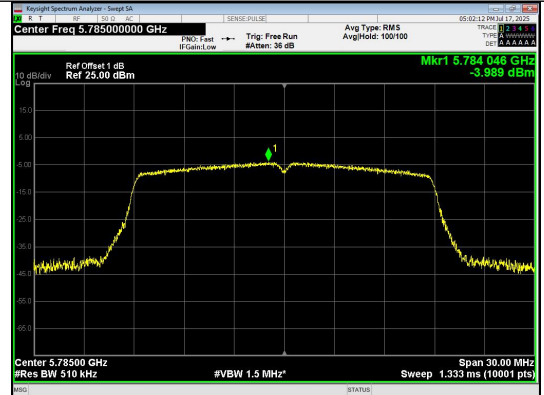




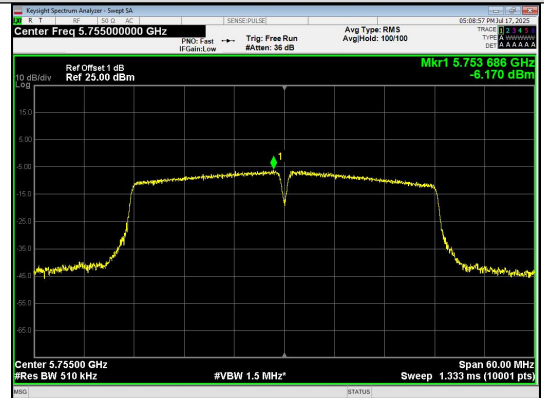
IEEE 802.11n_Channel 165_20MHz_Antenna 0



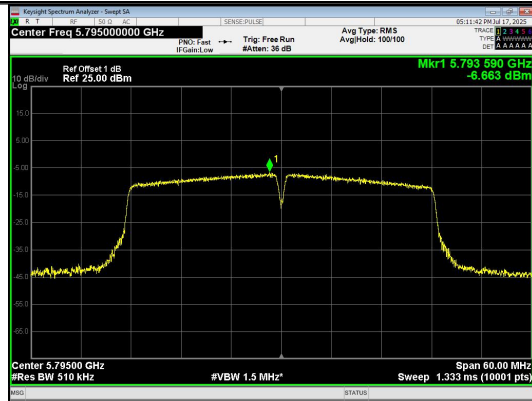
IEEE 802.11n_Channel 159_40MHz_Antenna 0



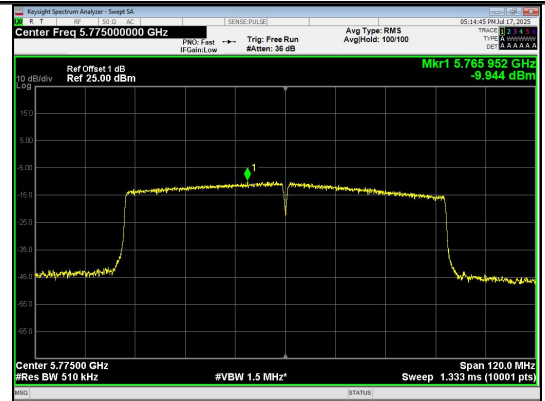
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



IEEE 802.11ac_Channel 151_40MHz_Antenna 0



IEEE 802.11ac_Channel 159_40MHz_Antenna 0



IEEE 802.11ac_Channel 155_80MHz_Antenna 0

**99% Bandwidth****Test Result**

Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11a	149	0	5745	16.676
	157		5785	16.624
	165		5825	16.591
IEEE 802.11n_20	149		5745	17.711
	157		5785	17.670
	165		5825	17.691
IEEE 802.11n_40	151		5755	36.039
	159		5795	36.084
IEEE 802.11ac_20	149		5745	17.611
	157		5785	17.676
	165		5825	17.653
IEEE 802.11ac_40	151		5755	36.032
	159		5795	36.078
IEEE 802.11ac_80	155		5775	75.256

Test Graphs