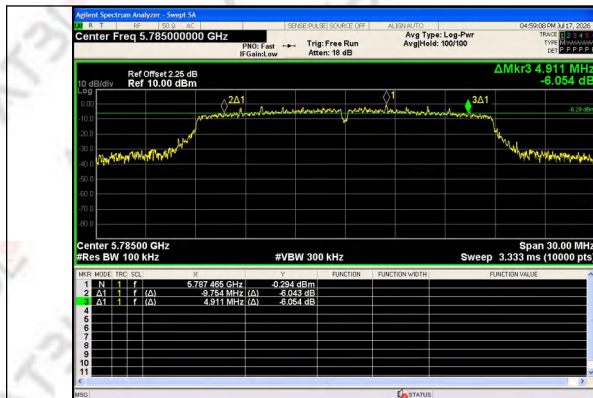
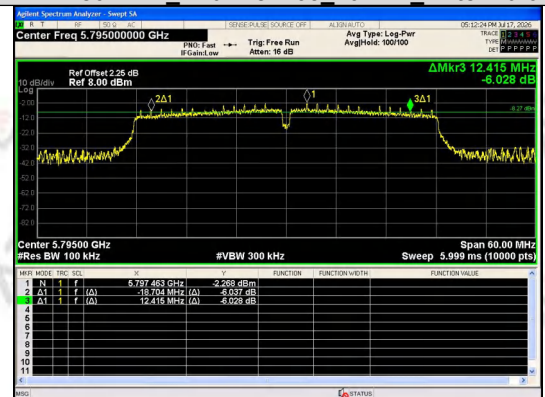
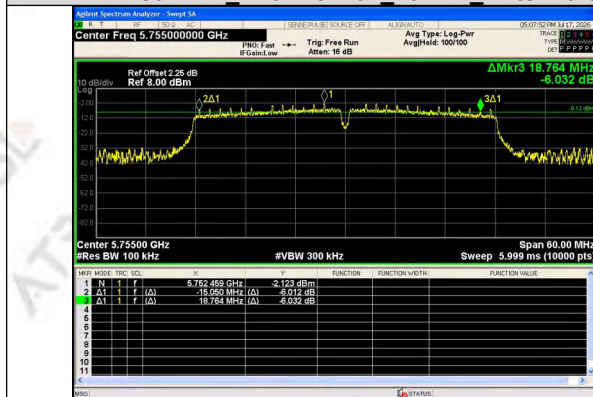




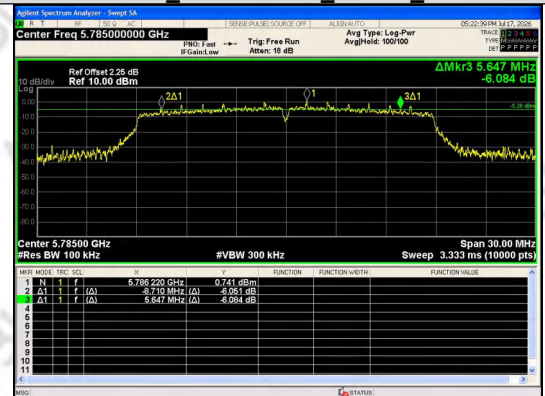
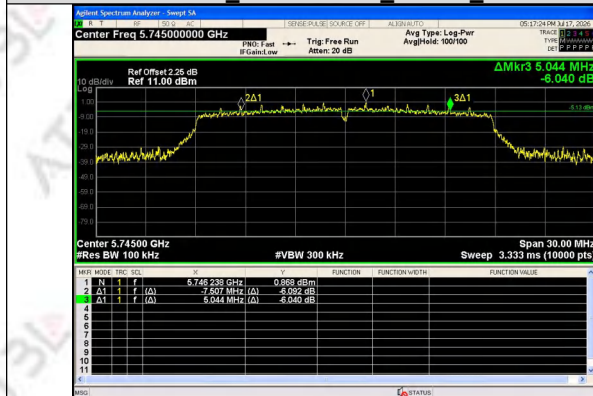
IEEE 802.11n Channel 157_20MHz_Antenna 0

IEEE 802.11n Channel 165_20MHz_Antenna 0



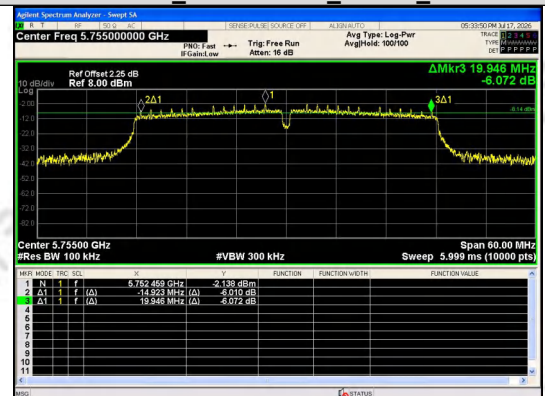
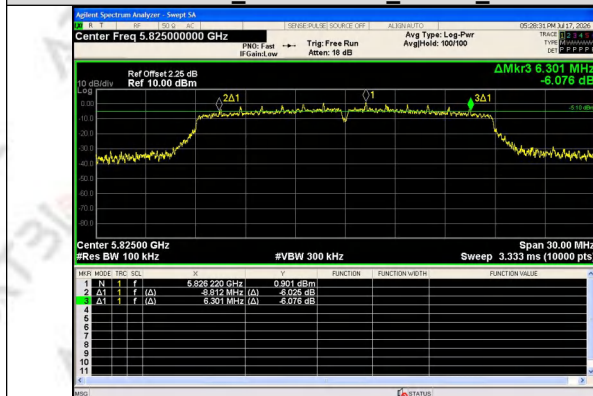
IEEE 802.11n Channel 151_40MHz_Antenna 0

IEEE 802.11n Channel 159_40MHz_Antenna 0



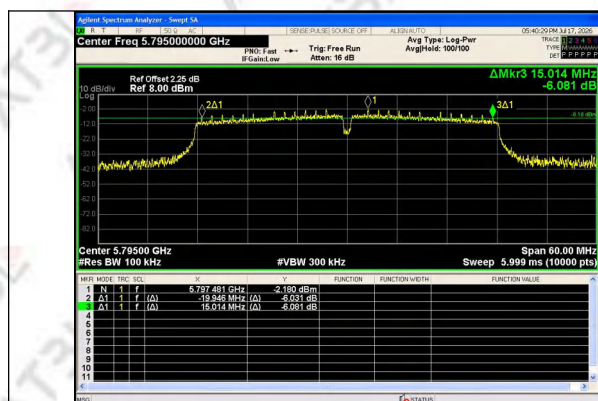
IEEE 802.11ac Channel 149_20MHz_Antenna 0

IEEE 802.11ac Channel 157_20MHz_Antenna 0

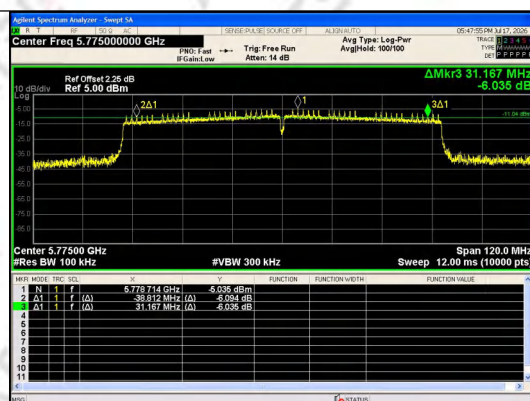


IEEE 802.11ac Channel 165_20MHz_Antenna 0

IEEE 802.11ac Channel 151_40MHz_Antenna 0



IEEE 802.11ac_Channel 159_40MHz_Antenna 0

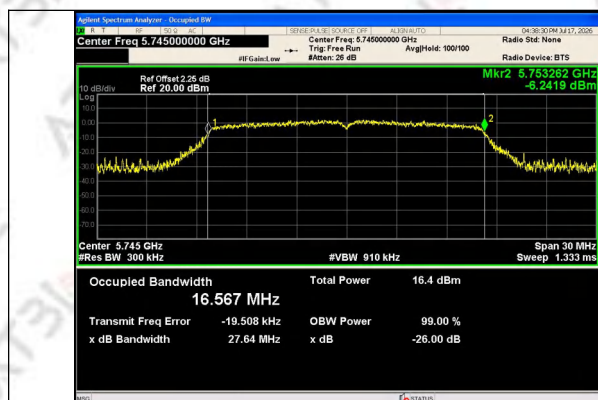


IEEE 802.11ac_Channel 155_80MHz_Antenna 0

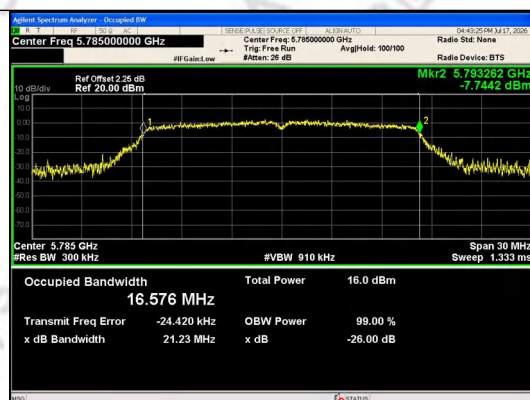
99%dB Bandwidth Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11a	149	0	5745	16.567
	157		5785	16.576
	165		5825	16.566
IEEE 802.11n_20	149		5745	17.645
	157		5785	17.660
	165		5825	17.660
IEEE 802.11n_40	151		5755	36.051
	159		5795	36.059
	149		5745	17.666
IEEE 802.11ac_20	157		5785	17.658
	165		5825	17.630
	151		5755	36.021
IEEE 802.11ac_40	159		5795	35.966
	155		5775	75.353

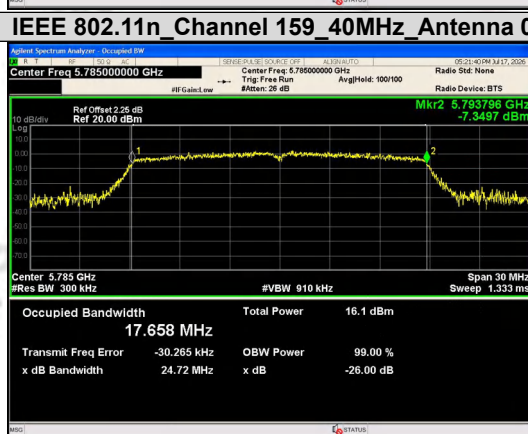
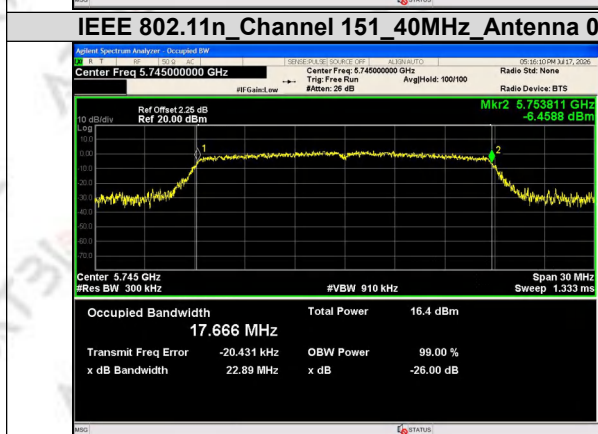
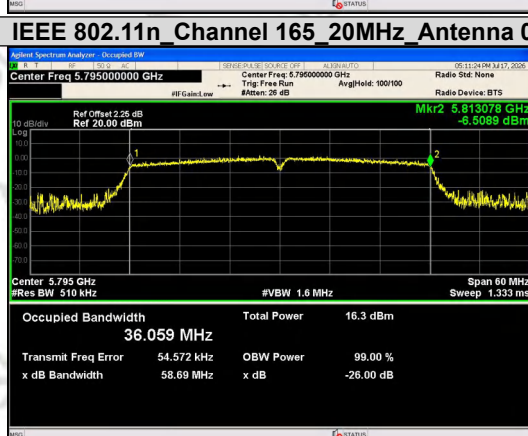
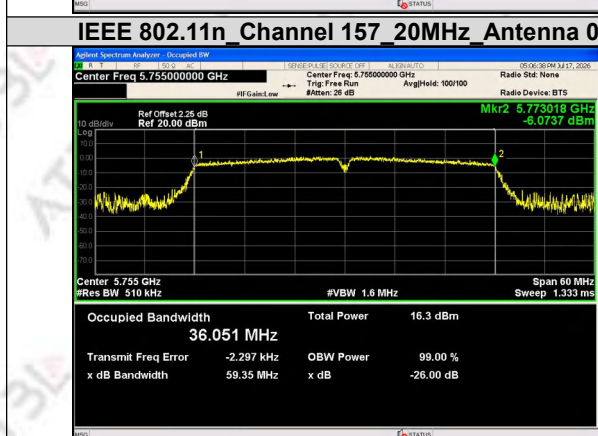
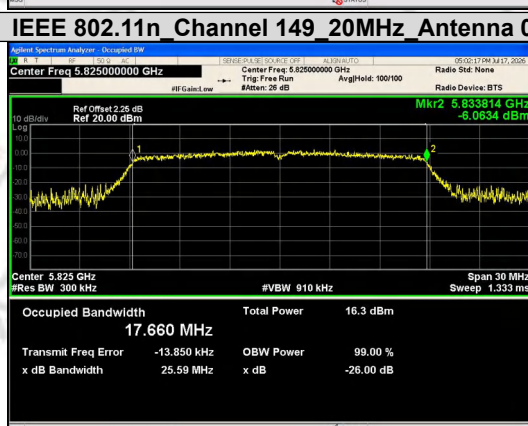
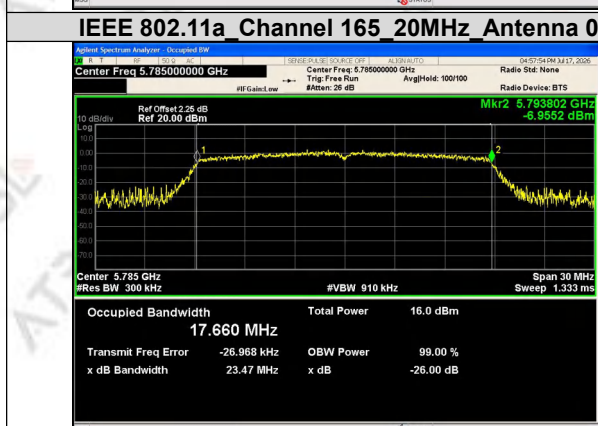
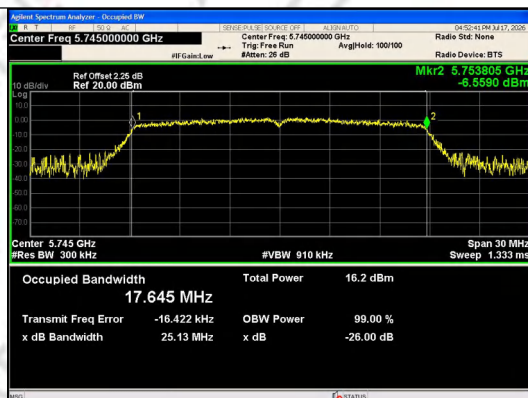
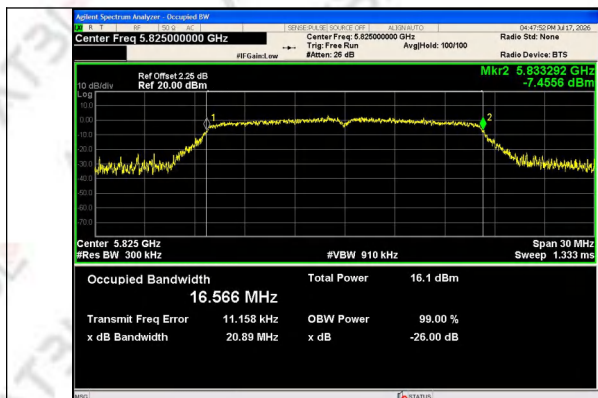
Test Graphs

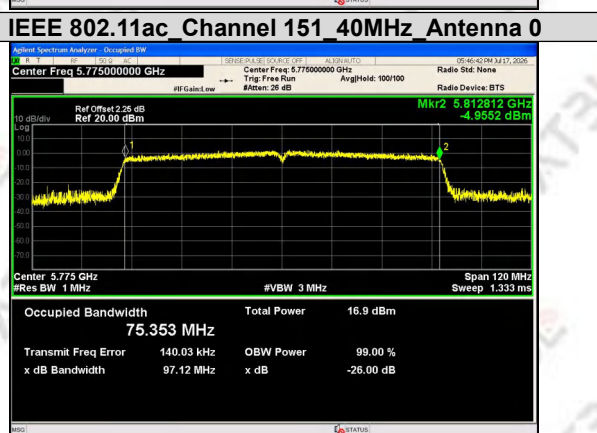
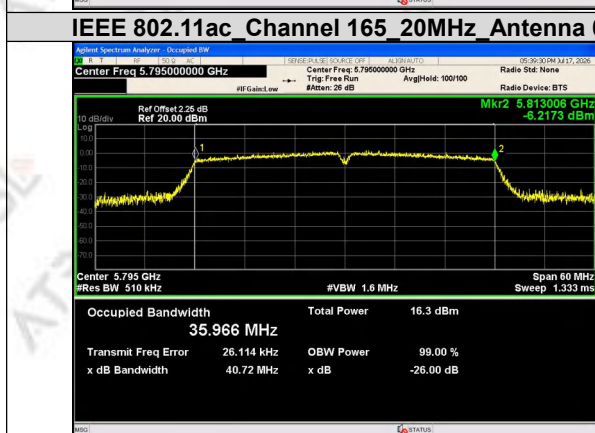
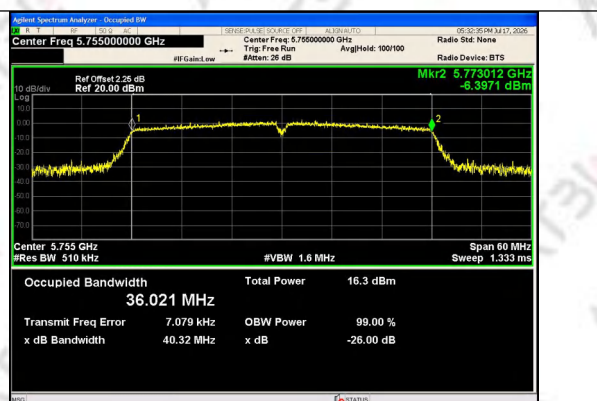
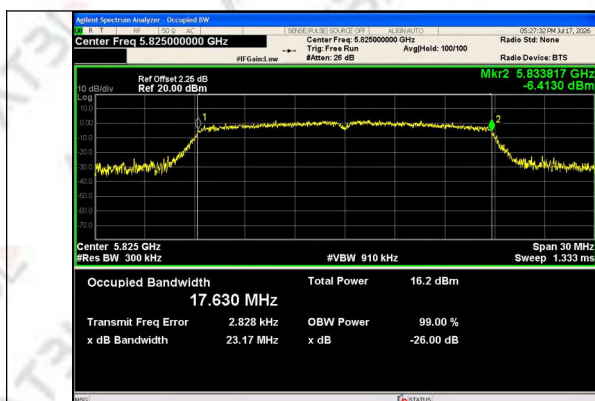


IEEE 802.11a_Channel 149_20MHz_Antenna 0



IEEE 802.11a_Channel 157_20MHz_Antenna 0





A3.Maximum Conducted Average Output Power

Test Result

For 5150~5725MHz test data:

Mode	Channel	Average Output Power(dBm)	Limit (dBm)	Result
IEEE 802.11a	36	11.54	≤23.97	PASS
	40	12.00	≤23.97	PASS
	48	12.79	≤23.97	PASS
	52	11.39	≤23.97	PASS
	60	11.96	≤23.97	PASS
	64	12.12	≤23.97	PASS
	100	12.42	≤23.97	PASS
	120	11.23	≤23.97	PASS
	140	10.90	≤23.97	PASS
IEEE 802.11n_20	36	11.38	≤23.97	PASS
	40	11.79	≤23.97	PASS
	48	12.32	≤23.97	PASS
	52	11.34	≤23.97	PASS
	60	11.91	≤23.97	PASS
	64	12.15	≤23.97	PASS
	100	12.49	≤23.97	PASS
	120	11.02	≤23.97	PASS
	140	10.66	≤23.97	PASS
IEEE 802.11n_40	38	11.17	≤23.97	PASS
	46	12.68	≤23.97	PASS
	54	11.40	≤23.97	PASS
	62	12.08	≤23.97	PASS
	102	12.05	≤23.97	PASS
	118	11.01	≤23.97	PASS
	134	10.77	≤23.97	PASS
IEEE 802.11ac_20	36	11.04	≤23.97	PASS
	40	11.64	≤23.97	PASS
	48	12.67	≤23.97	PASS
	52	12.04	≤23.97	PASS
	60	12.74	≤23.97	PASS
	64	12.68	≤23.97	PASS
	100	12.44	≤23.97	PASS
	120	10.95	≤23.97	PASS
	140	10.59	≤23.97	PASS
IEEE 802.11ac_40	38	11.27	≤23.97	PASS
	46	12.57	≤23.97	PASS
	54	12.18	≤23.97	PASS
	62	12.70	≤23.97	PASS
	102	10.11	≤23.97	PASS
	118	10.12	≤23.97	PASS
	134	10.79	≤23.97	PASS
IEEE 802.11ac_80	42	12.27	≤23.97	PASS
	58	12.59	≤23.97	PASS
	106	9.86	≤23.97	PASS
	122	10.06	≤23.97	PASS

For the 5725~5825MHz test data:

Mode	Channel	Average Output Power (dBm)	Limit (dBm)	Result
IEEE 802.11a	149	10.80	≤30	PASS
	157	10.26	≤30	PASS
	165	10.42	≤30	PASS
IEEE 802.11n_20	149	10.53	≤30	PASS
	157	10.38	≤30	PASS
	165	10.61	≤30	PASS
IEEE 802.11n_40	151	10.57	≤30	PASS
	159	10.52	≤30	PASS
IEEE 802.11ac_20	149	10.82	≤30	PASS
	157	10.49	≤30	PASS
	165	10.60	≤30	PASS
IEEE 802.11ac_40	151	10.59	≤30	PASS
	159	10.59	≤30	PASS
IEEE 802.11ac_80	155	10.74	≤30	PASS

Note: The duty factor is already compensated in the result.

A4.Power Spectral Density

Test Result

For 5150~5725MHz test data:

Mode	Channel	Ant. 0 Meas PSD (dBm/MHz)	Duty Cycle Factor (dB)	Ant. 0 Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)	Result
IEEE 802.11a	36	1.665	0.126	1.791	11	PASS
	40	2.211	0.126	2.337		PASS
	48	2.618	0.129	2.747		PASS
	52	1.226	0.129	1.355		PASS
	60	1.998	0.129	2.127		PASS
	64	2.052	0.129	2.181		PASS
	100	2.467	0.126	2.593		PASS
	120	1.249	0.129	1.378		PASS
	140	0.980	0.129	1.109		PASS
IEEE 802.11n_20	36	1.242	0.138	1.380		PASS
	40	1.770	0.137	1.907		PASS
	48	2.209	0.140	2.349		PASS
	52	1.124	0.138	1.262		PASS
	60	1.698	0.140	1.838		PASS
	64	1.698	0.140	1.838		PASS
	100	2.251	0.140	2.391		PASS
	120	0.769	0.140	0.909		PASS
	140	0.282	0.140	0.422		PASS
IEEE 802.11n_40	38	-1.940	0.276	-1.664		PASS
	46	-0.510	0.276	-0.234		PASS
	54	-1.876	0.273	-1.603		PASS
	62	-1.263	0.273	-0.990		PASS
	102	-0.977	0.273	-0.704		PASS
	118	-2.127	0.276	-1.851		PASS
	134	-2.687	0.273	-2.414		PASS
IEEE 802.11ac_20	36	0.889	0.136	1.025		PASS
	40	1.604	0.136	1.740		PASS
	48	2.916	0.136	3.052		PASS
	52	2.115	0.133	2.248		PASS
	60	2.612	0.133	2.745		PASS
	64	2.495	0.136	2.631		PASS
	100	2.041	0.133	2.174		PASS
	120	1.121	0.133	1.254		PASS
	140	0.308	0.136	0.444		PASS
IEEE 802.11ac_40	38	-1.939	0.274	-1.665		PASS
	46	-0.943	0.275	-0.668		PASS
	54	-0.962	0.274	-0.688		PASS
	62	-0.574	0.272	-0.303		PASS
	102	-3.321	0.274	-3.047		PASS
	118	-3.116	0.275	-2.841		PASS
	134	-2.464	0.275	-2.189		PASS
IEEE 802.11ac_80	42	-4.644	0.542	-4.102		PASS
	58	-4.198	0.545	-3.653		PASS
	106	-6.657	0.545	-6.112		PASS
	122	-6.746	0.545	-6.201		PASS

For 5725~5825MHz test data:

Mode	Channel	Ant. 0 (dBm)	Duty Cycle Factor (dB)	Corr'd Value Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	149	-1.931	0.129	-1.802	≤30	PASS
	157	-2.420	0.129	-2.291	≤30	PASS
	165	-2.235	0.126	-2.109	≤30	PASS
IEEE 802.11n_20	149	-2.380	0.140	-2.241	≤30	PASS
	157	-2.418	0.137	-2.281	≤30	PASS
	165	-2.560	0.138	-2.422	≤30	PASS
IEEE 802.11n_40	151	-5.509	0.276	-5.233	≤30	PASS
	159	-5.533	0.276	-5.257	≤30	PASS
IEEE 802.11ac_20	149	-2.030	0.138	-1.892	≤30	PASS
	157	-2.463	0.133	-2.330	≤30	PASS
	165	-2.486	0.136	-2.350	≤30	PASS
IEEE 802.11ac_40	151	-5.502	0.275	-5.227	≤30	PASS
	159	-5.520	0.275	-5.245	≤30	PASS
IEEE 802.11ac_80	155	-8.760	0.542	-8.218	≤30	PASS

Note:

Corr'd PSD=Meas PSD+Duty Cycle Factor (dB).

Duty cycle factor=10*log (1/duty cycle)

Test Graphs

