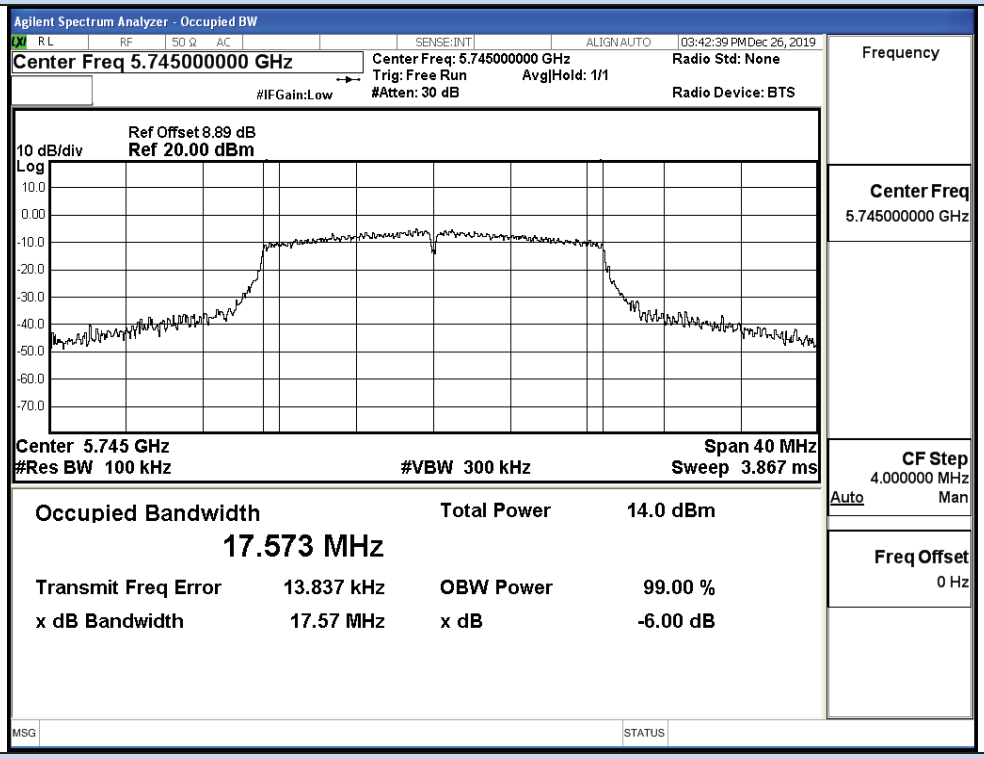
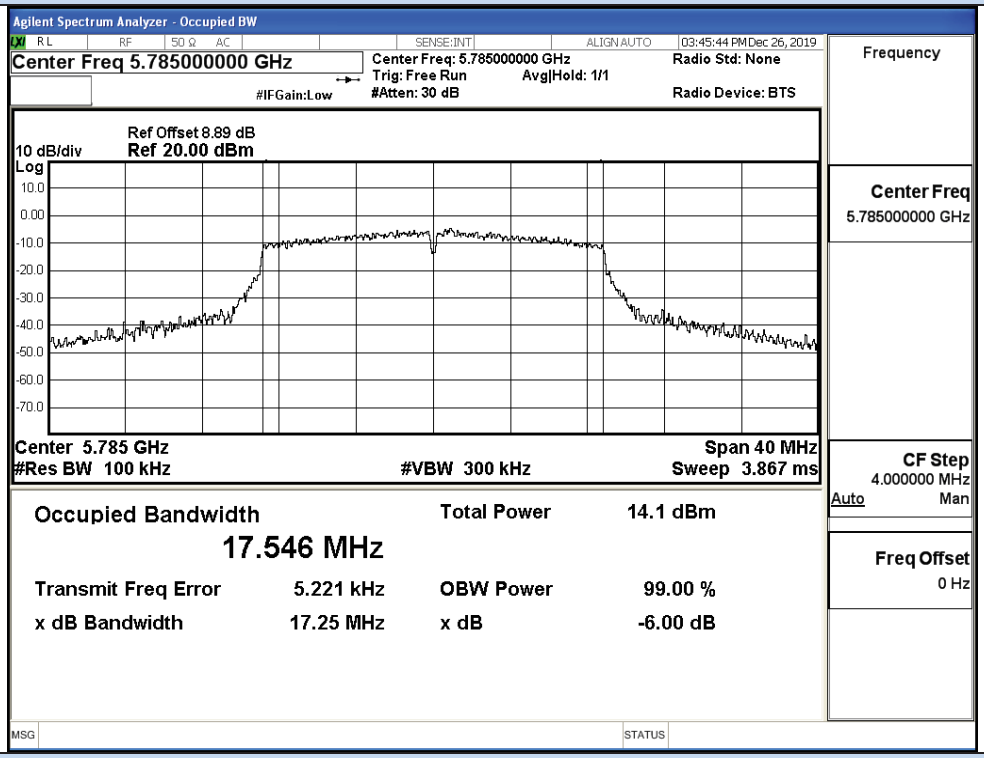
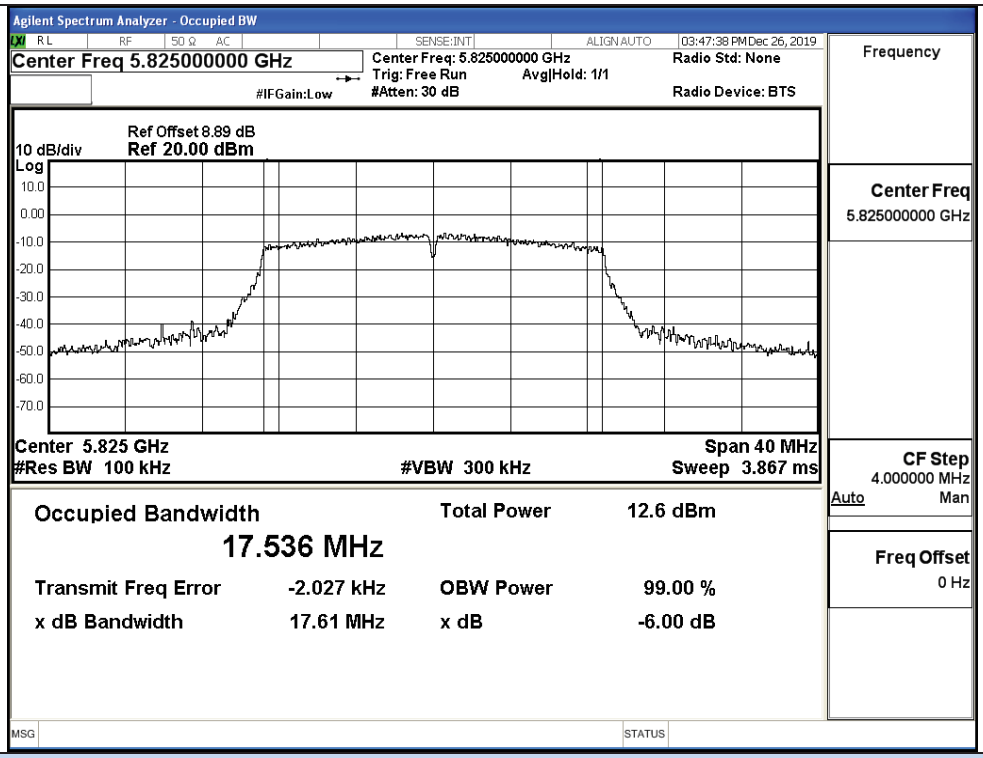
6dB Bandwidth



IEEE 802.11n20 / Channel 149 / 5745MHz

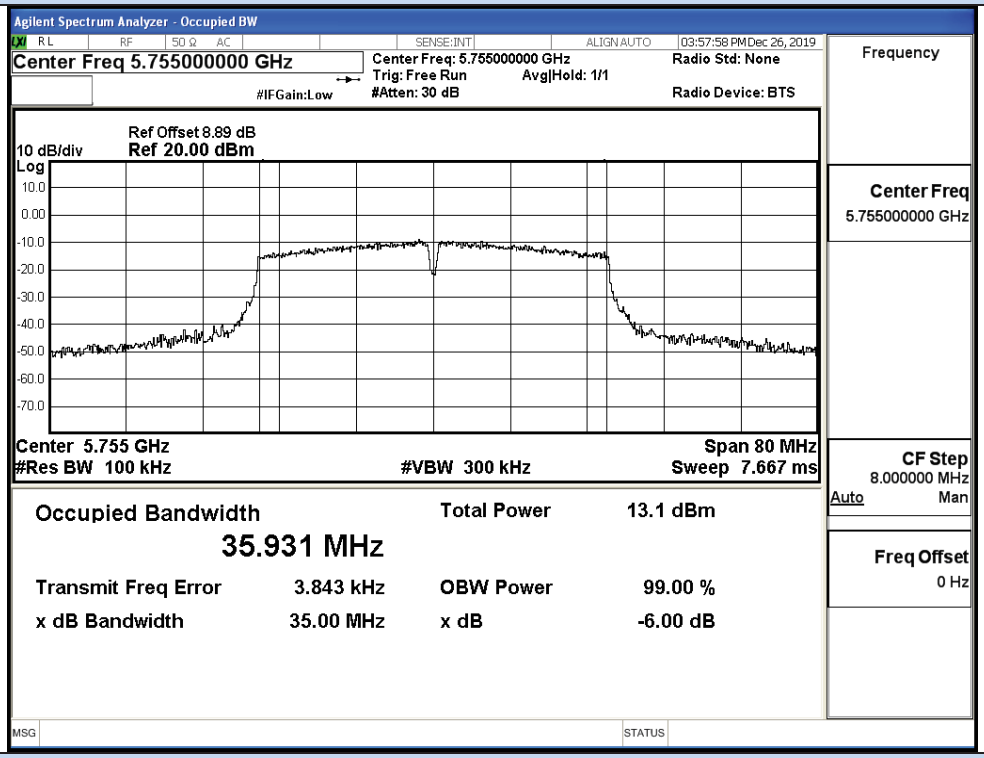


IEEE 802.11n20 / Channel 157 / 5785MHz

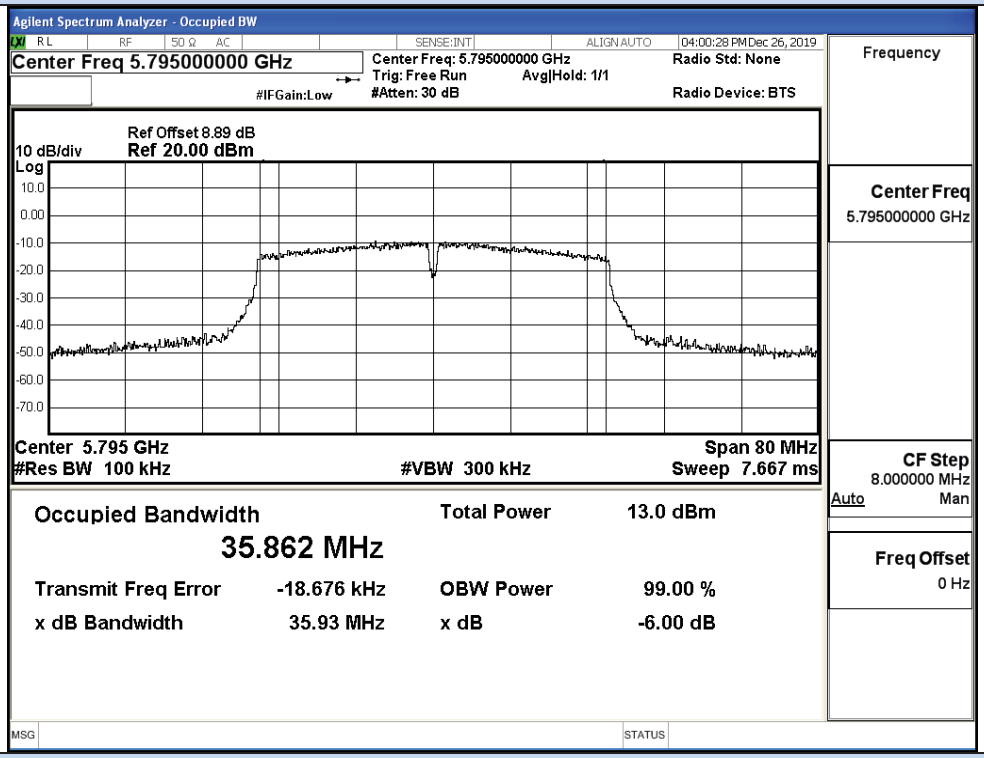


IEEE 802.11n20 / Channel 165 / 5825MHz

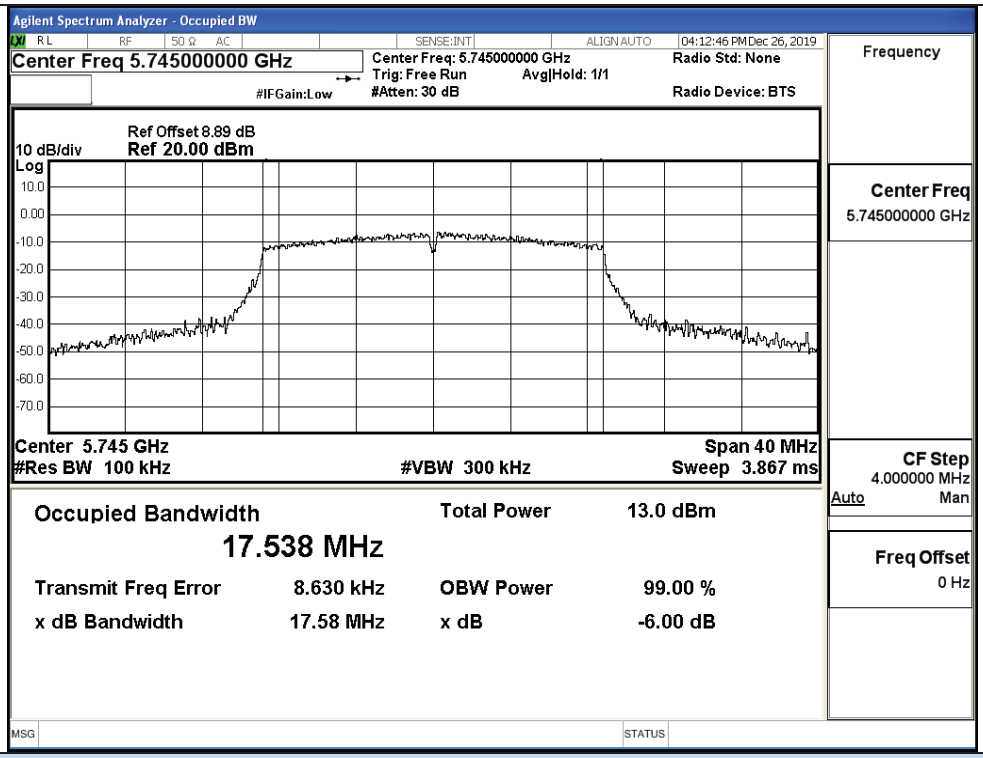
26dB Bandwidth



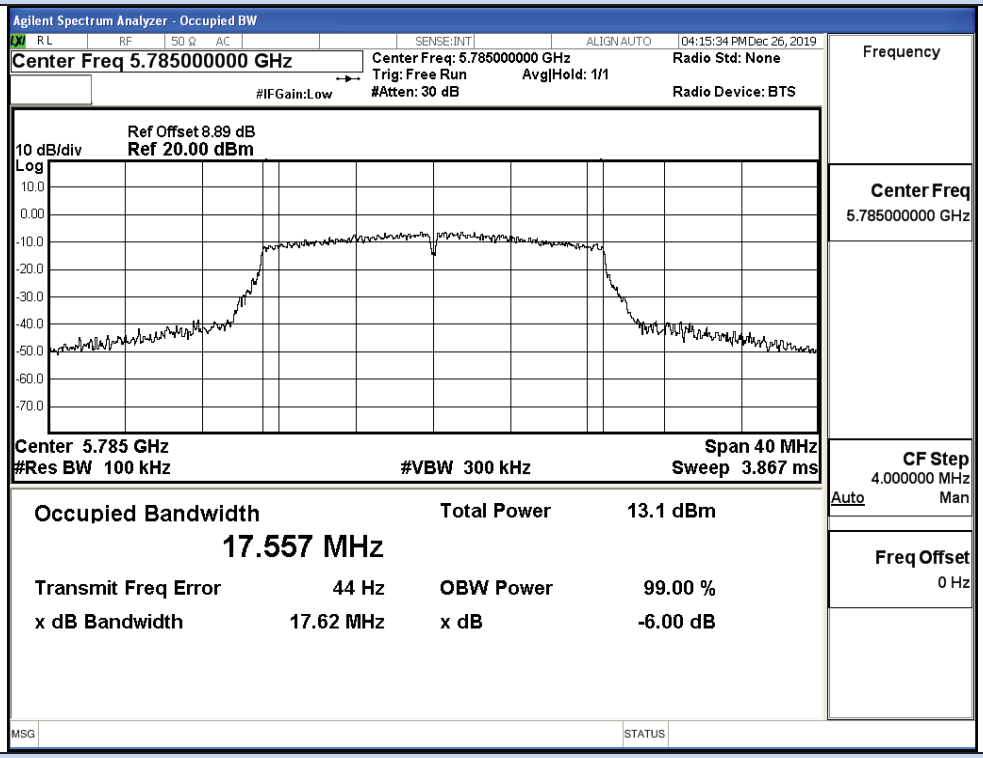
IEEE 802.11n40 / Channel 151 / 5755MHz



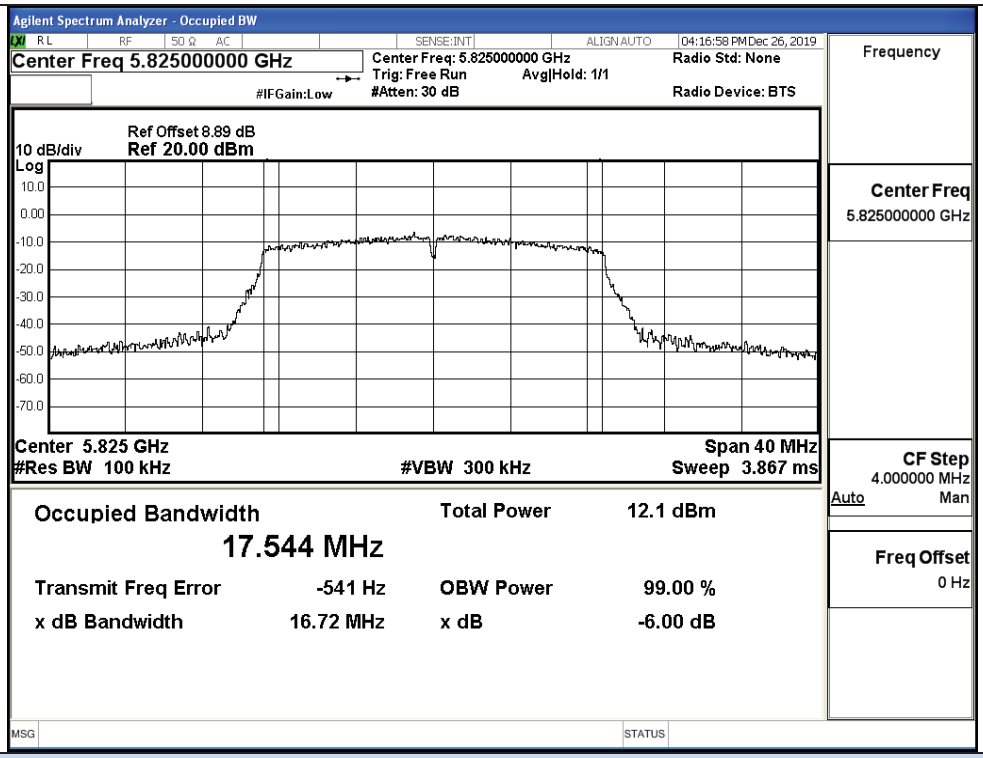
IEEE 802.11n40 / Channel 159 / 5795MHz



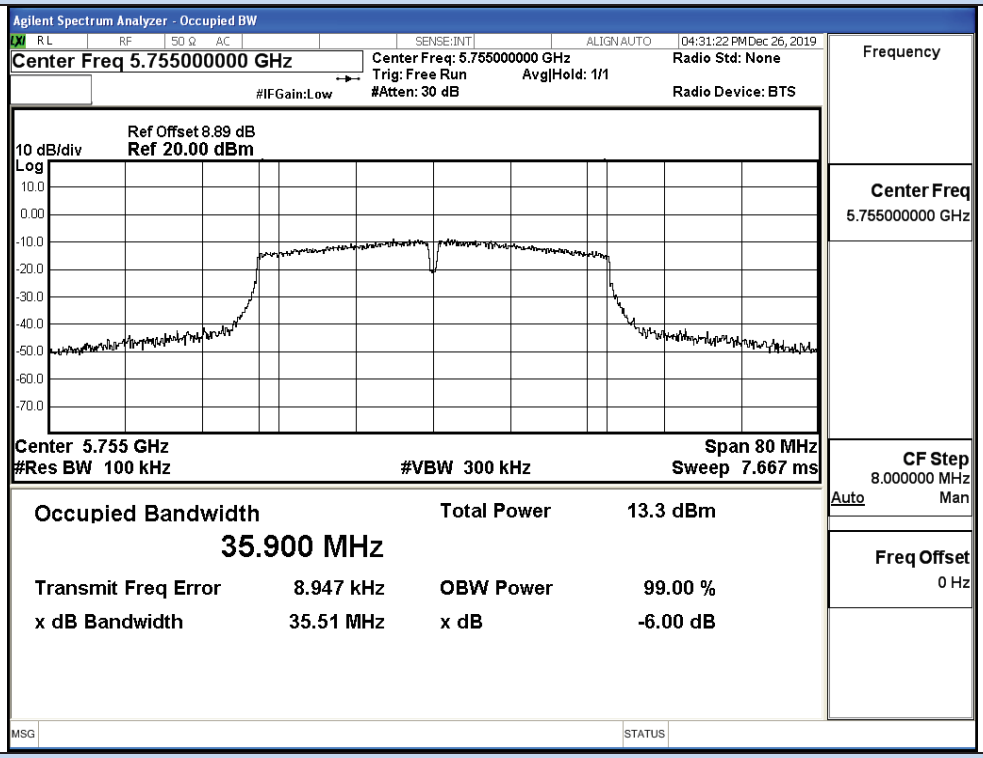
IEEE 802.11ac20 / Channel 149 / 5745MHz



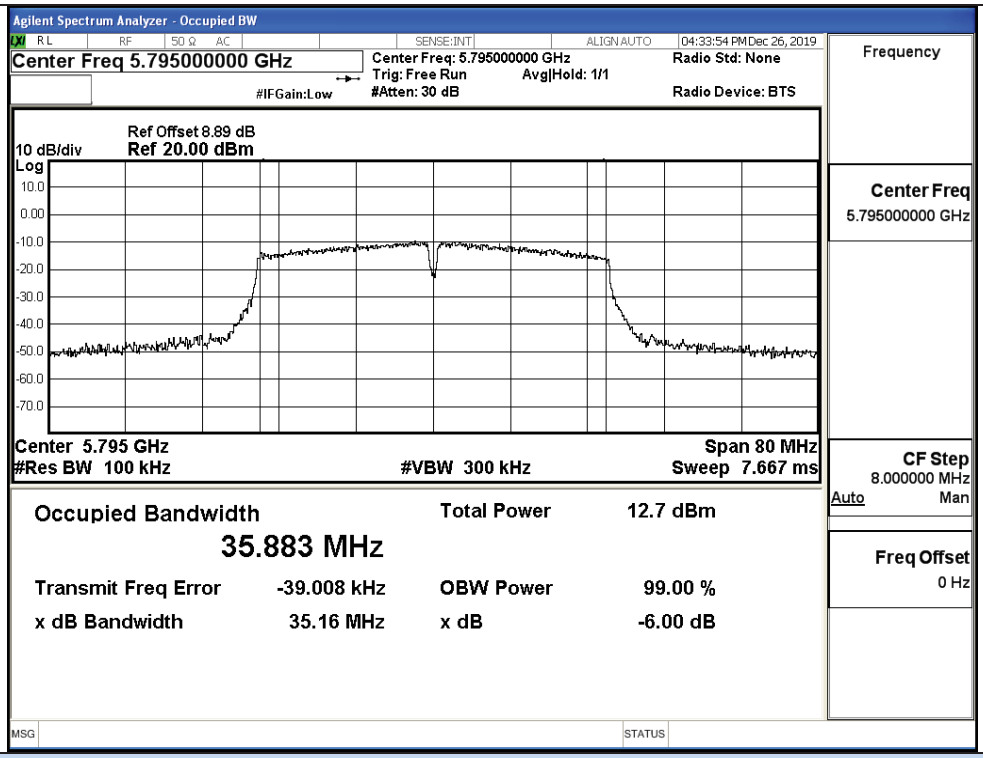
IEEE 802.11ac20 / Channel 157/ 5785MHz



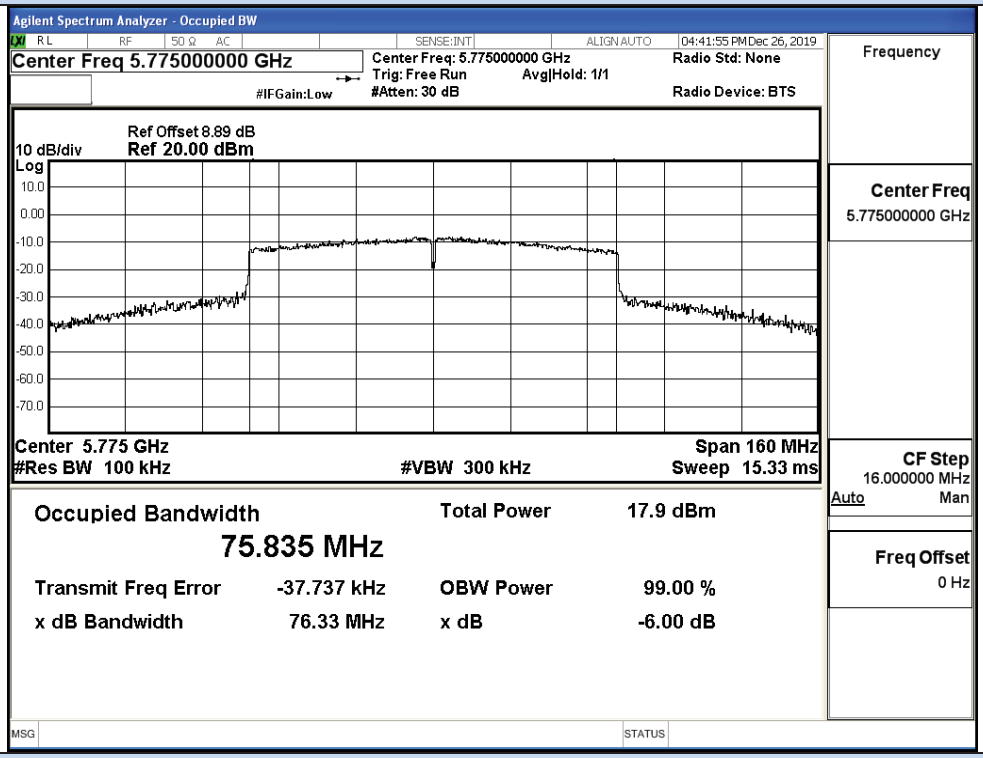
IEEE 802.11ac20 / Channel 165 / 5825MHz



IEEE 802.11ac40 / Channel 151 / 5755MHz



IEEE 802.11ac40 / Channel 159 / 5795MHz

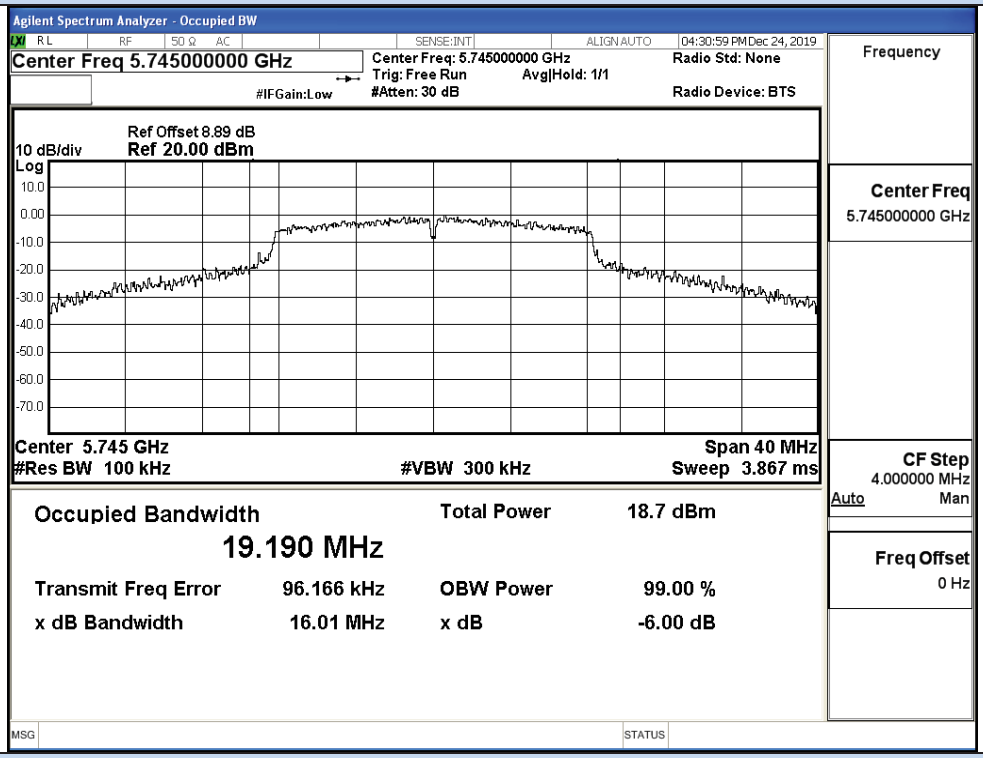


IEEE 802.11ac80 / Channel 155 / 5775MHz

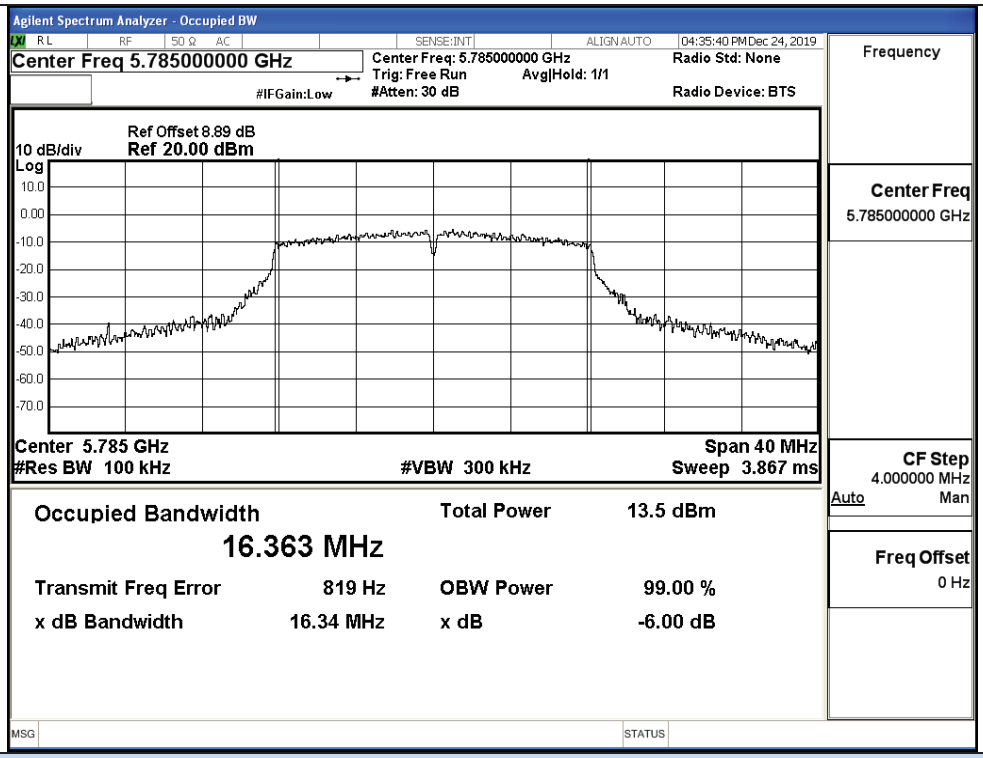
Ant1

Test Mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	99% Bandwidth (MHz)	Verdict
11A	149	5745	16.01	>=0.5	19.190	Pass
	157	5785	16.34		16.363	Pass
	165	5825	16.34		16.362	Pass
11N20 SISO	149	5745	17.59	>=0.5	17.550	Pass
	157	5785	17.59		17.544	Pass
	165	5825	17.58		17.542	Pass
11N40 SISO	151	5755	35.56	>=0.5	35.890	Pass
	159	5795	35.73		35.883	Pass
11AC20S ISO	149	5745	17.57	>=0.5	17.543	Pass
	157	5785	17.59		17.552	Pass
	165	5825	17.57		16.526	Pass
11AC40S ISO	151	5755	35.50	>=0.5	35.893	Pass
	159	5795	35.69		35.911	Pass
11AC80S ISO	155	5775	75.84	>=0.5	75.332	Pass

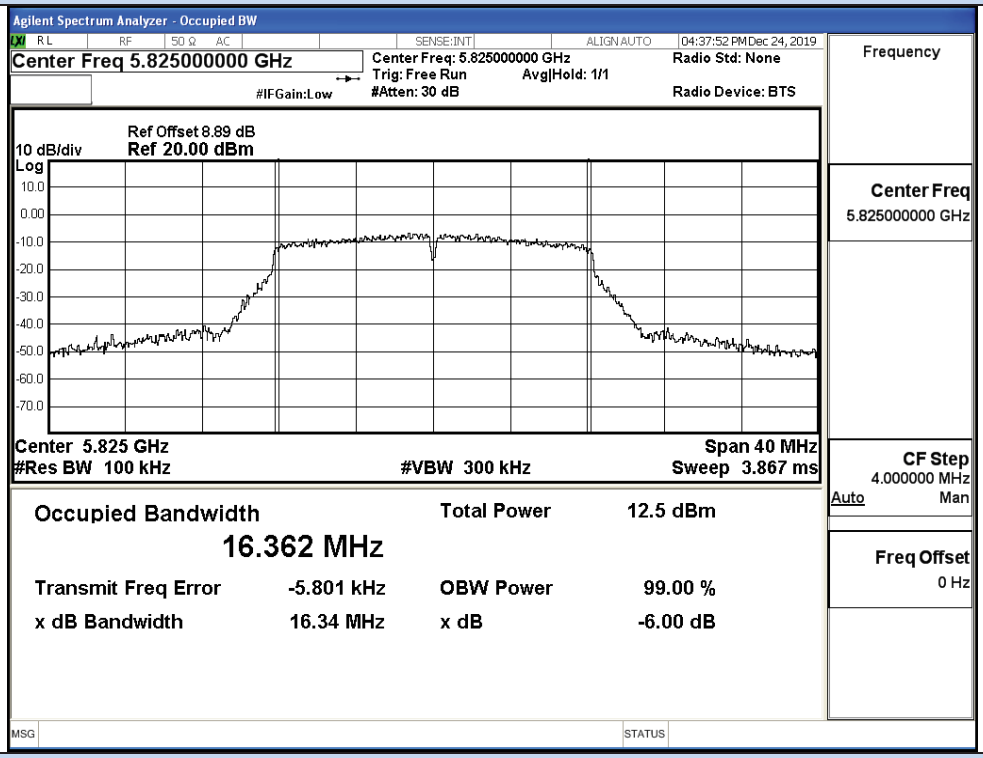
6dB Bandwidth



IEEE 802.11a / Channel 149 / 5745MHz

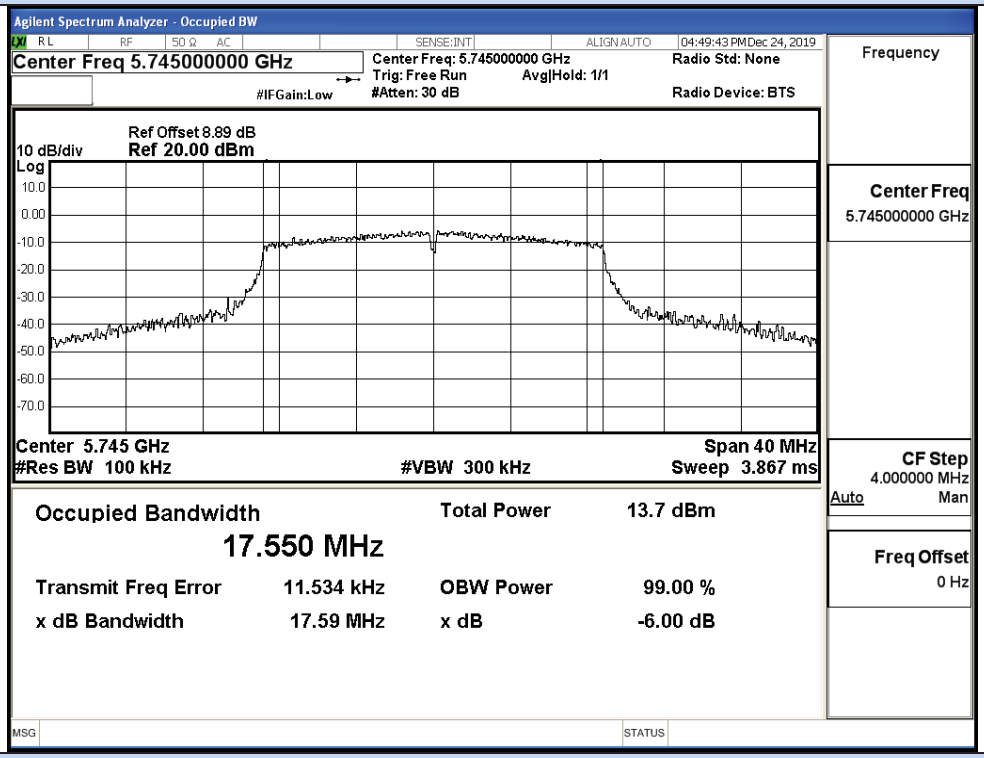


IEEE 802.11a / Channel 157 / 5785MHz

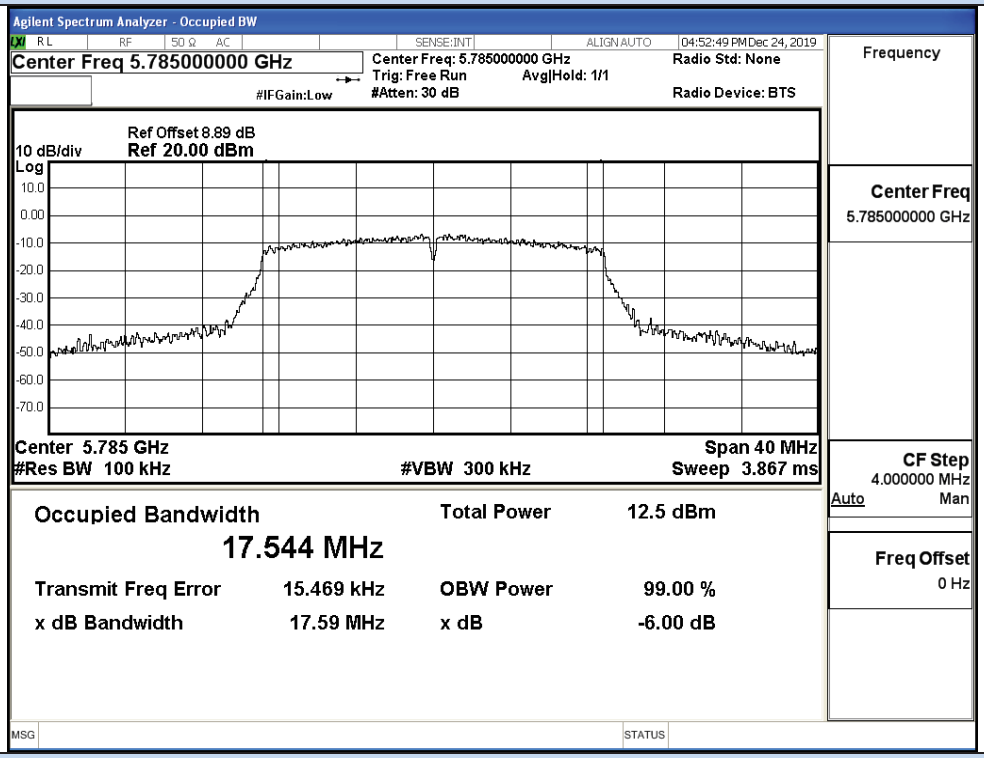


IEEE 802.11a / Channel 165 / 5825MHz

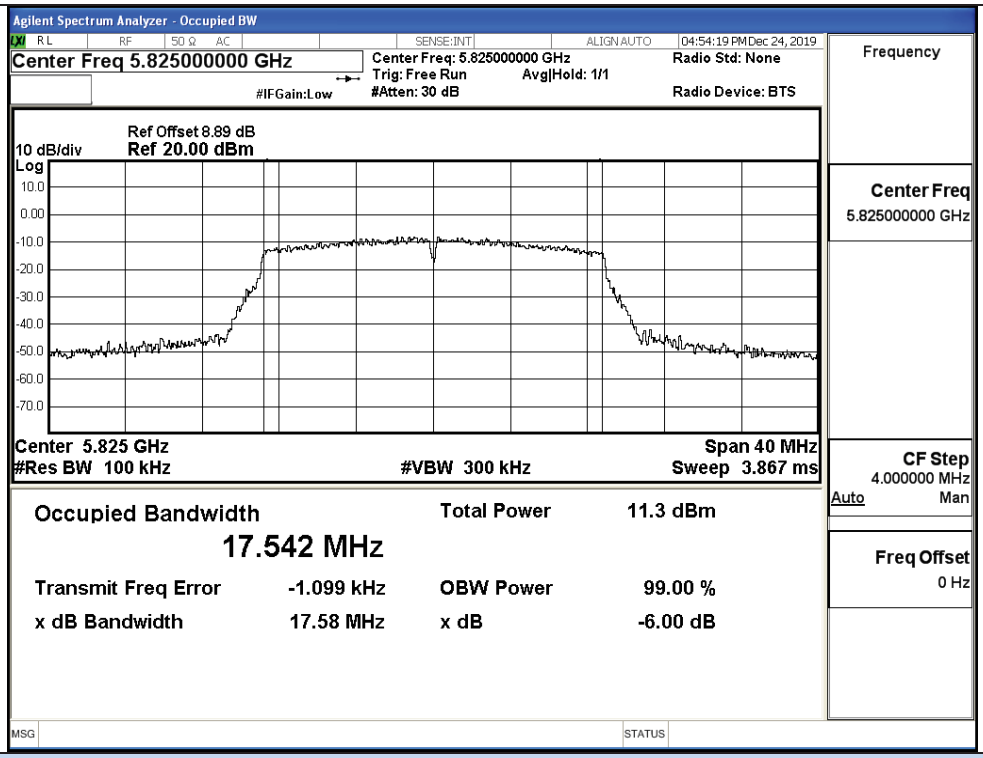
6dB Bandwidth



IEEE 802.11n20 / Channel 149 / 5745MHz

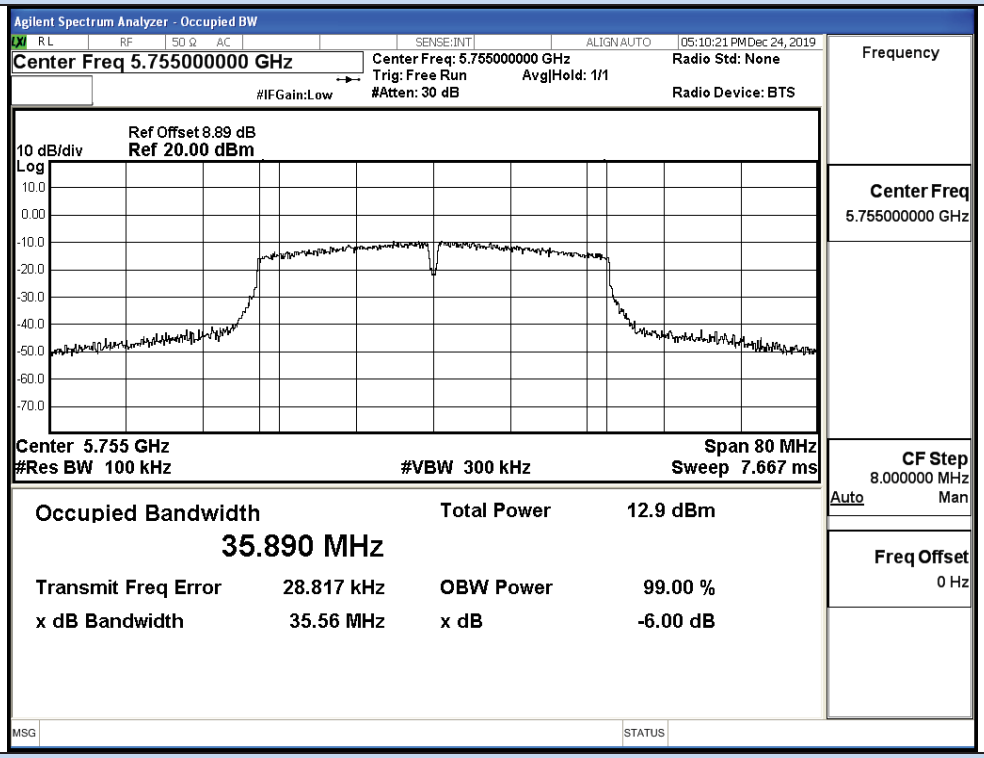


IEEE 802.11n20 / Channel 157 / 5785MHz

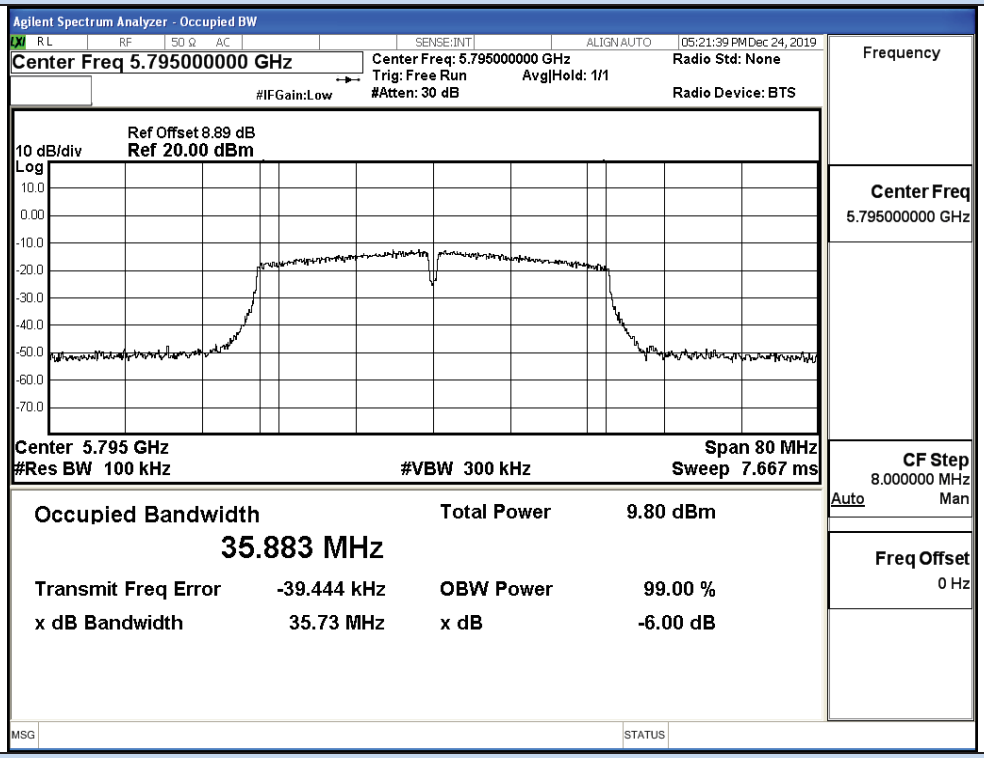


IEEE 802.11n20 / Channel 165 / 5825MHz

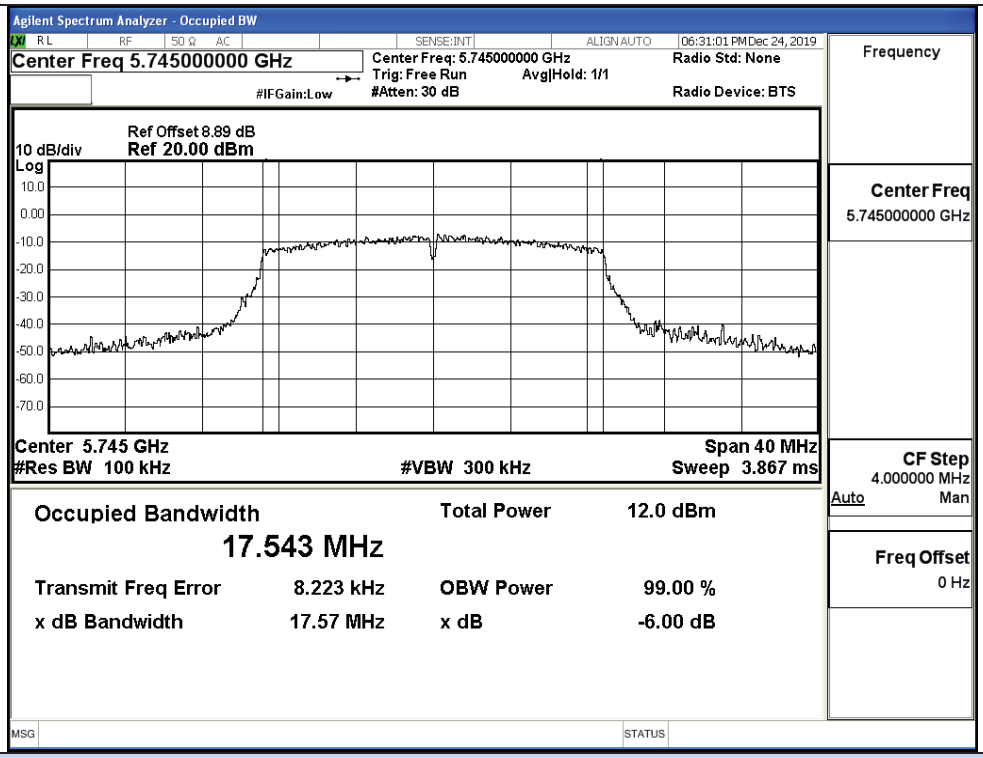
26dB Bandwidth



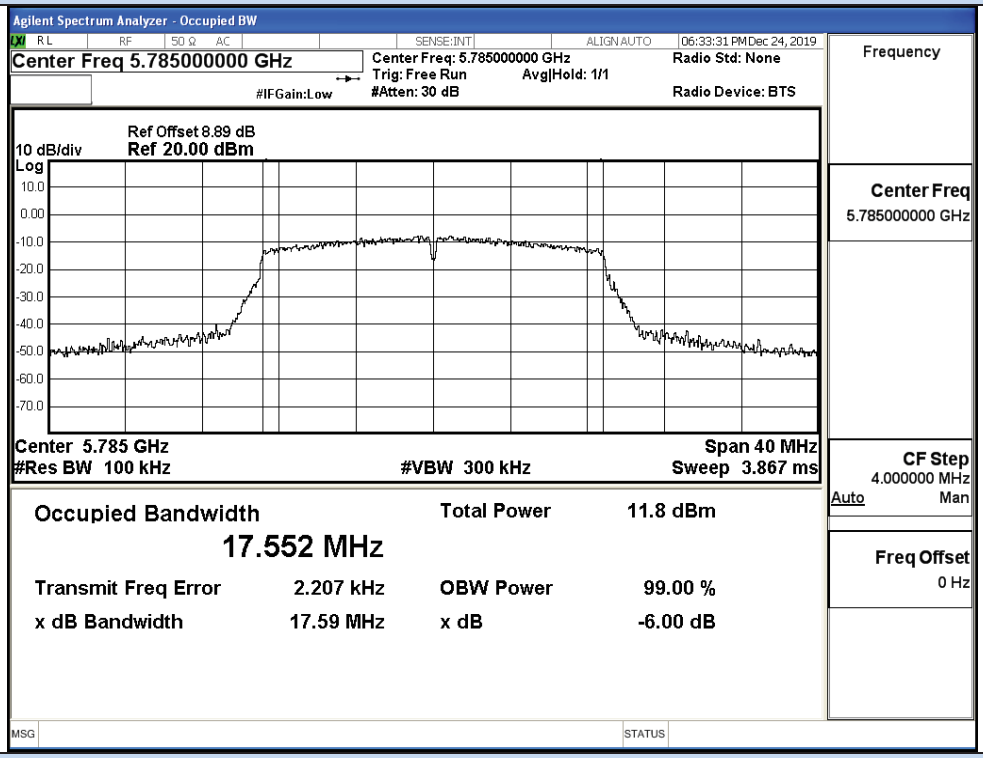
IEEE 802.11n40 / Channel 151 / 5755MHz



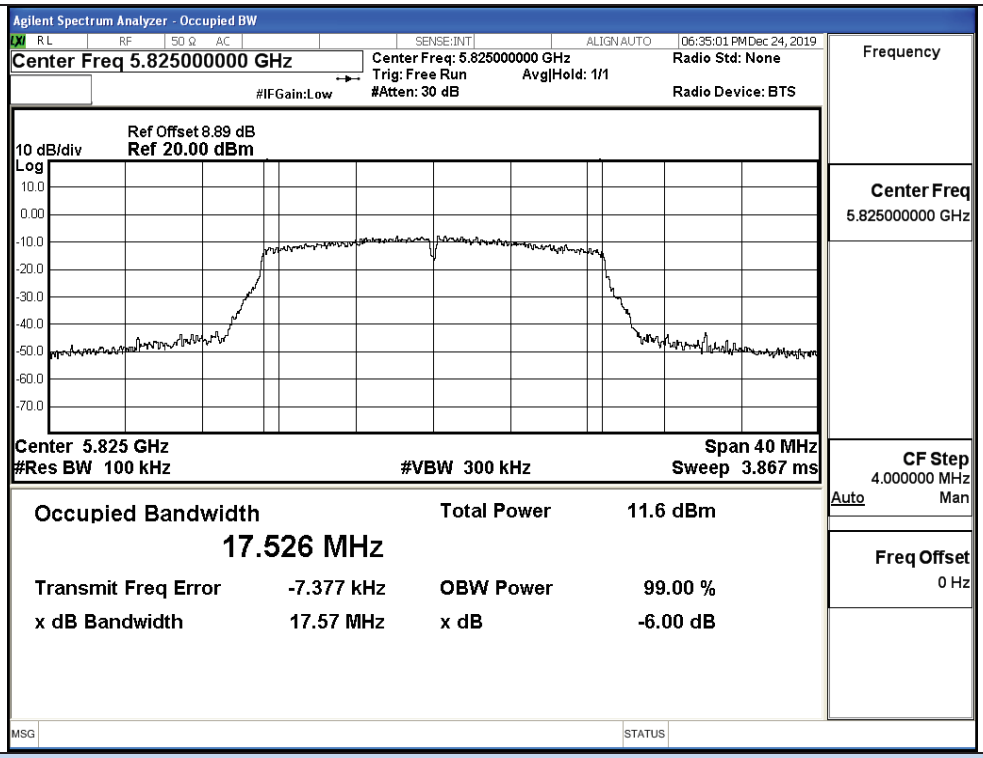
IEEE 802.11n40 / Channel 159 / 5795MHz



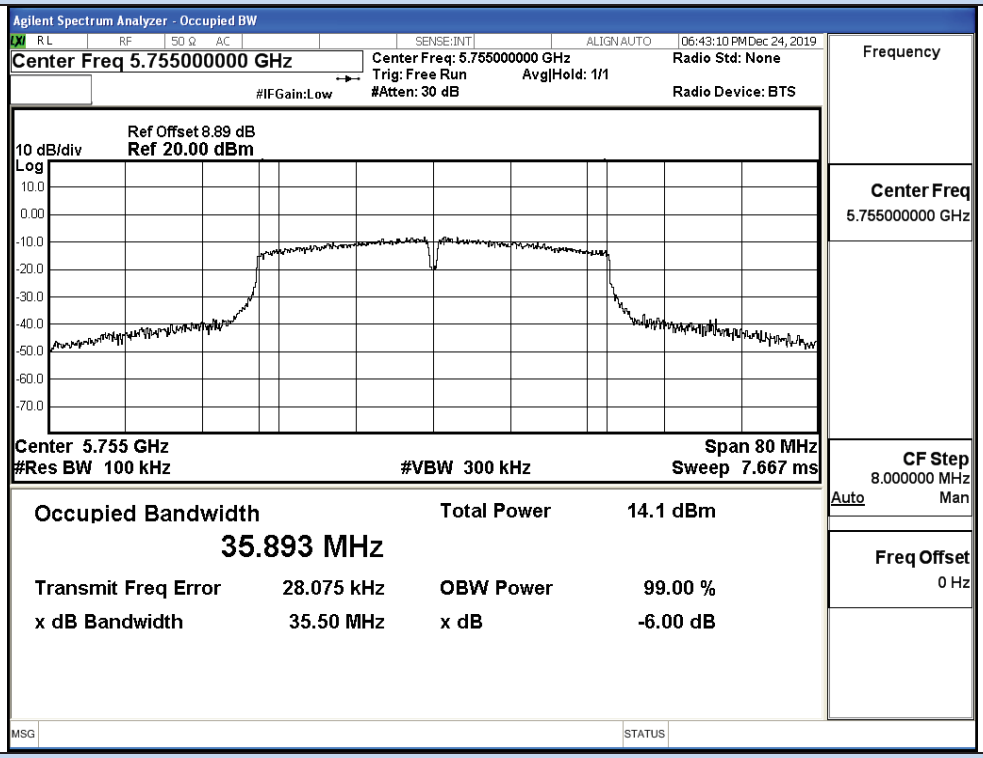
IEEE 802.11ac20 / Channel 149 / 5745MHz



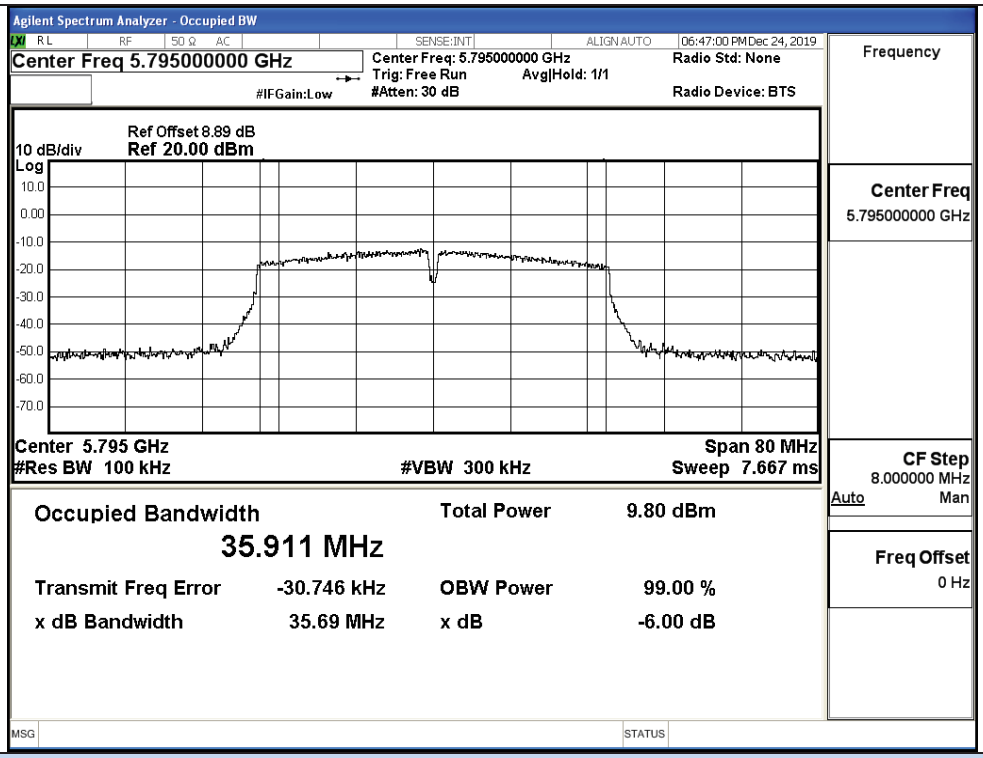
IEEE 802.11ac20 / Channel 157/ 5785MHz



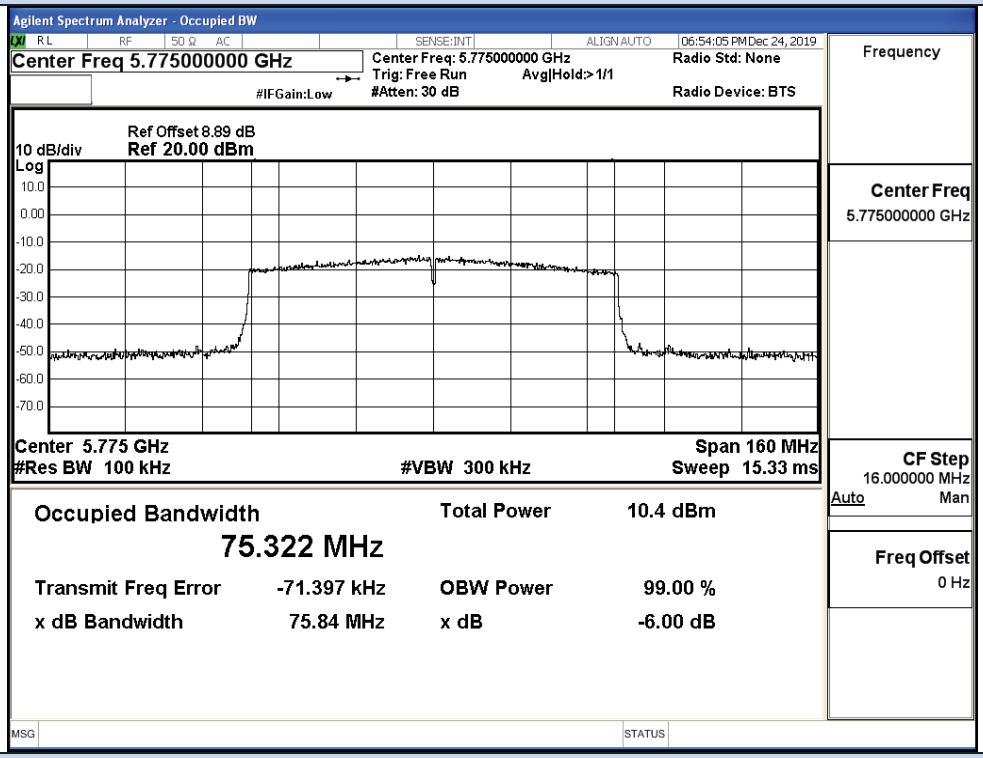
IEEE 802.11ac20 / Channel 165 / 5825MHz



IEEE 802.11ac40 / Channel 151 / 5755MHz



IEEE 802.11ac40 / Channel 159 / 5795MHz

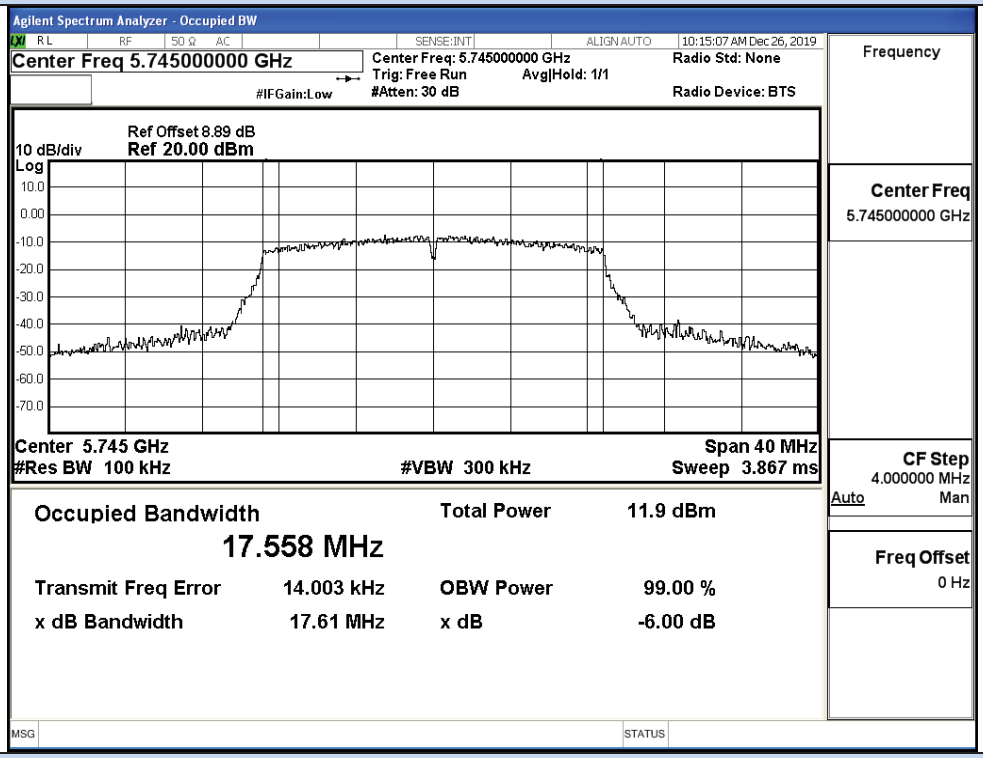


IEEE 802.11ac80 / Channel 155 / 5775MHz

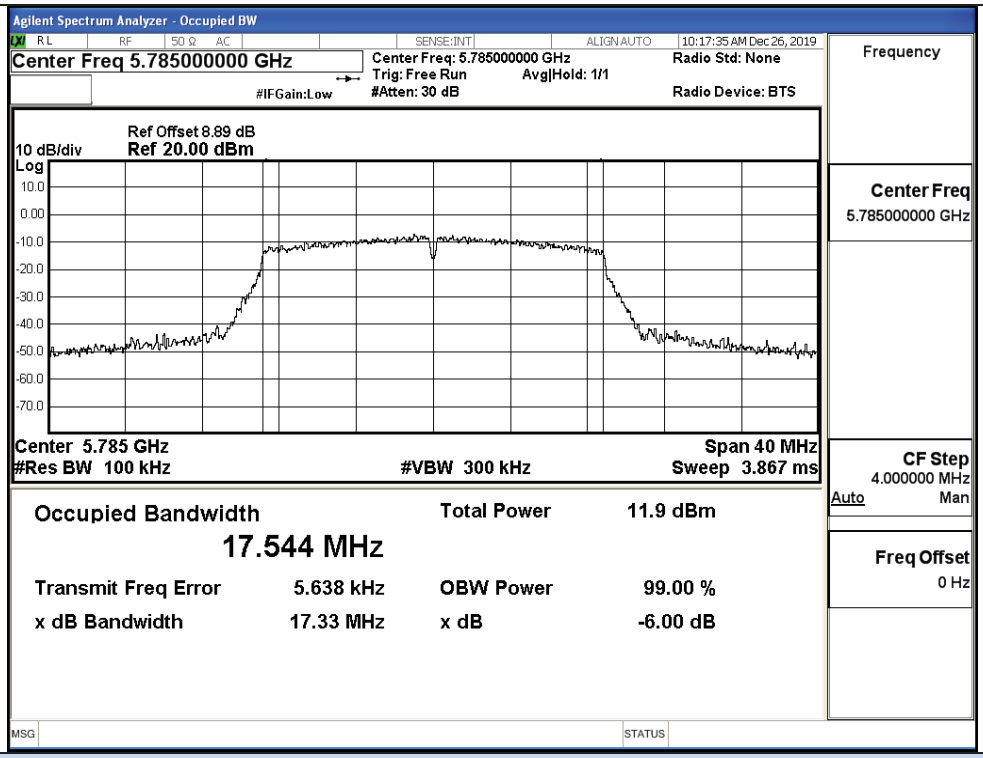
Ant0+1

Test Mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	99% Bandwidth (MHz)	Verdict
11N20 SISO	149	5745	17.61	>=0.5	17.558	Pass
	157	5785	17.33		17.544	Pass
	165	5825	17.58		17.534	Pass
11N40 SISO	151	5755	35.93	>=0.5	35.889	Pass
	159	5795	35.98		35.876	Pass
11AC20S ISO	149	5745	17.40	>=0.5	17.529	Pass
	157	5785	17.56		17.540	Pass
	165	5825	17.61		17.547	Pass
11AC40S ISO	151	5755	35.91	>=0.5	35.881	Pass
	159	5795	34.10		35.869	Pass
11AC80S ISO	155	5775	75.99	>=0.5	75.303	Pass

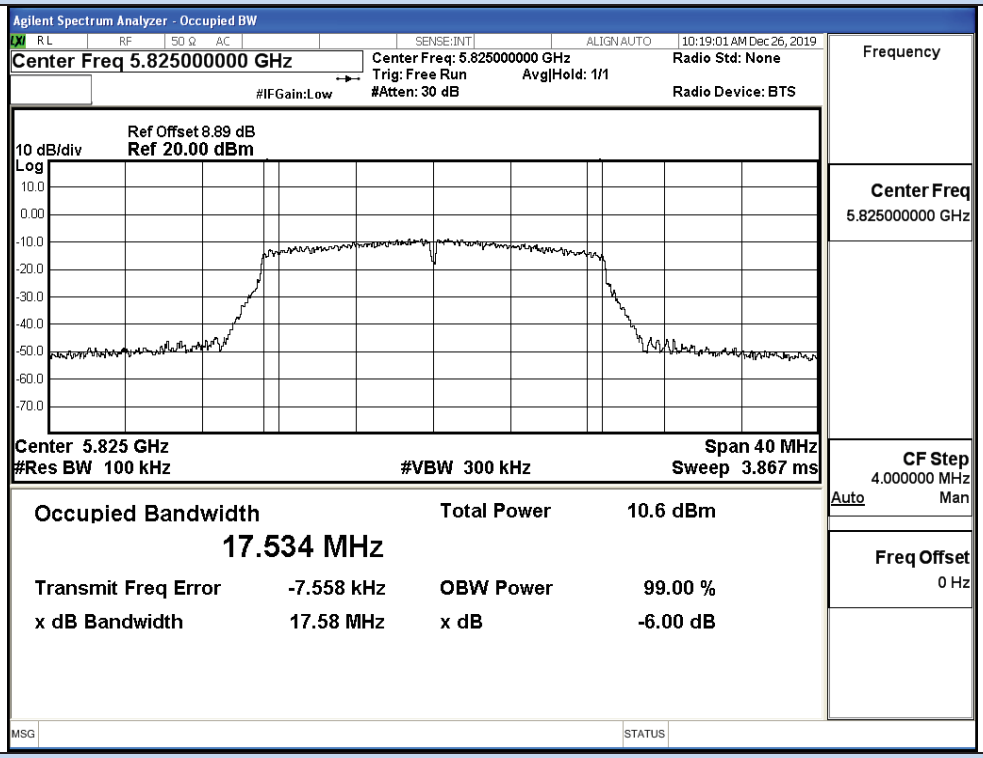
6dB Bandwidth



IEEE 802.11n20 / Channel 149 / 5745MHz

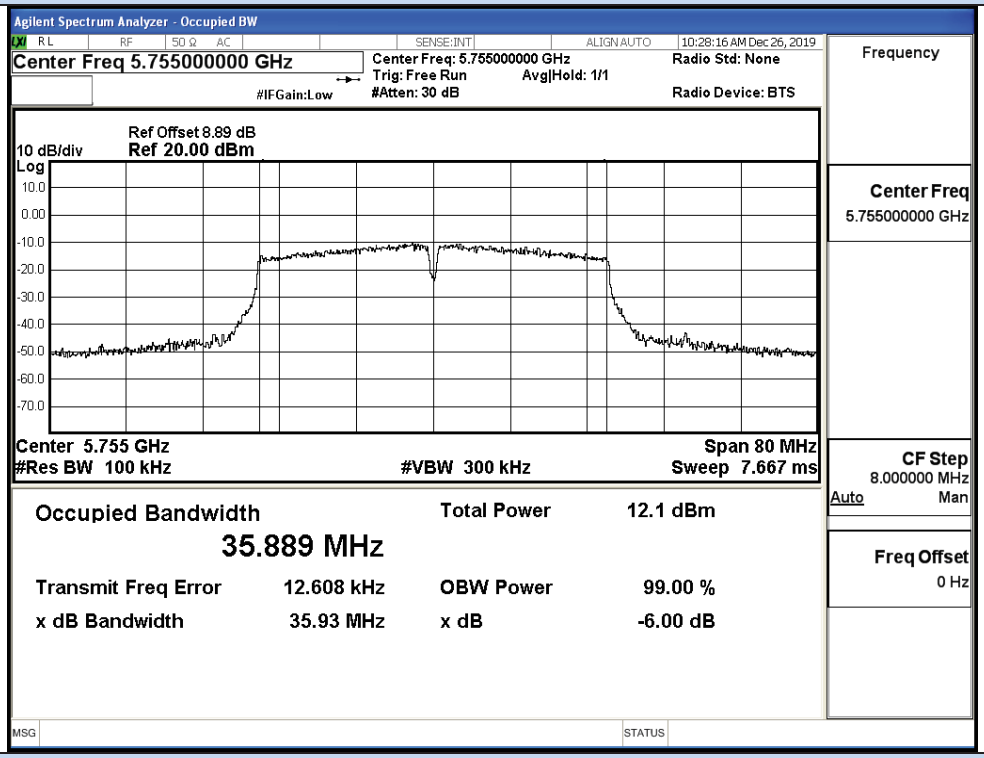


IEEE 802.11n20 / Channel 157 / 5785MHz

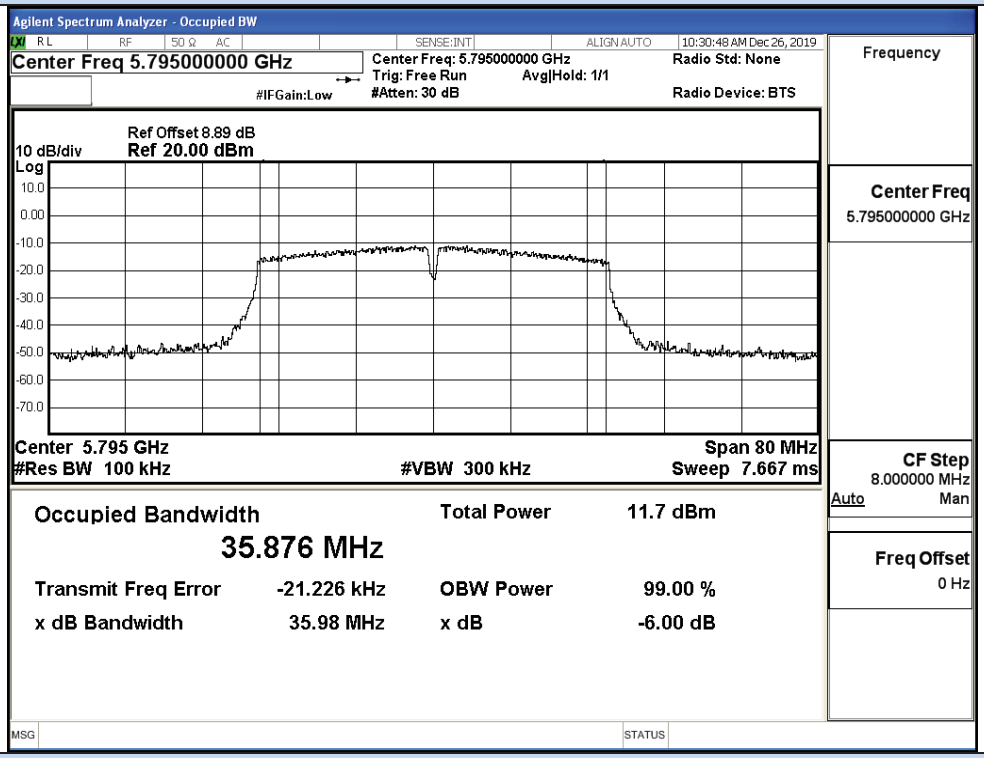


IEEE 802.11n20 / Channel 165 / 5825MHz

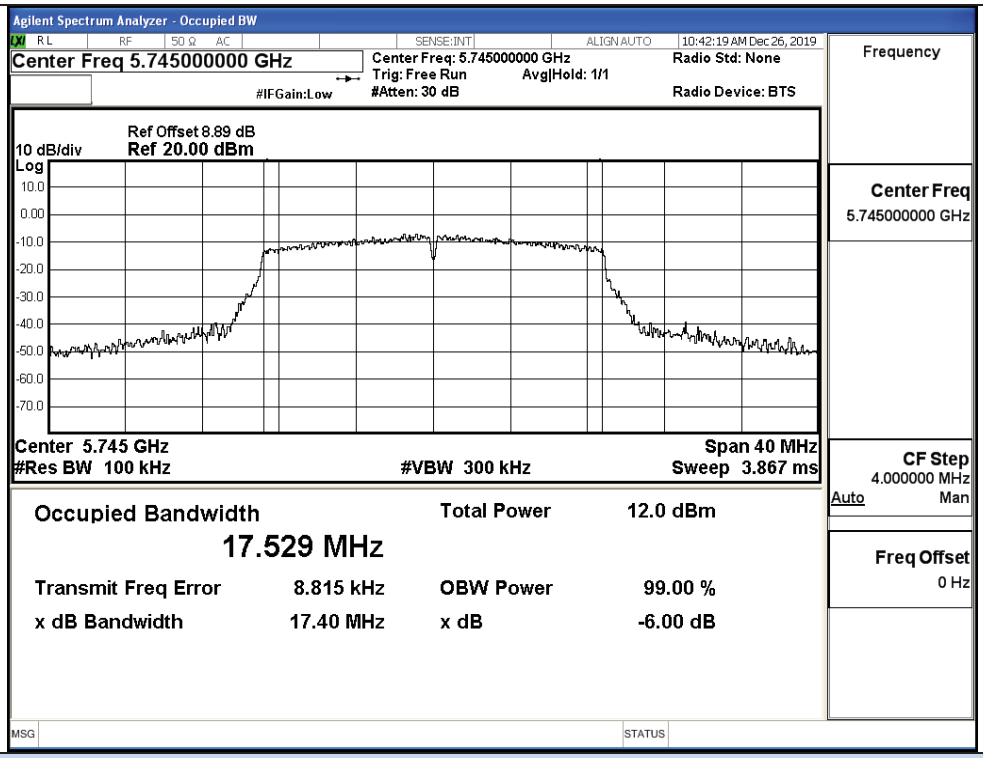
26dB Bandwidth



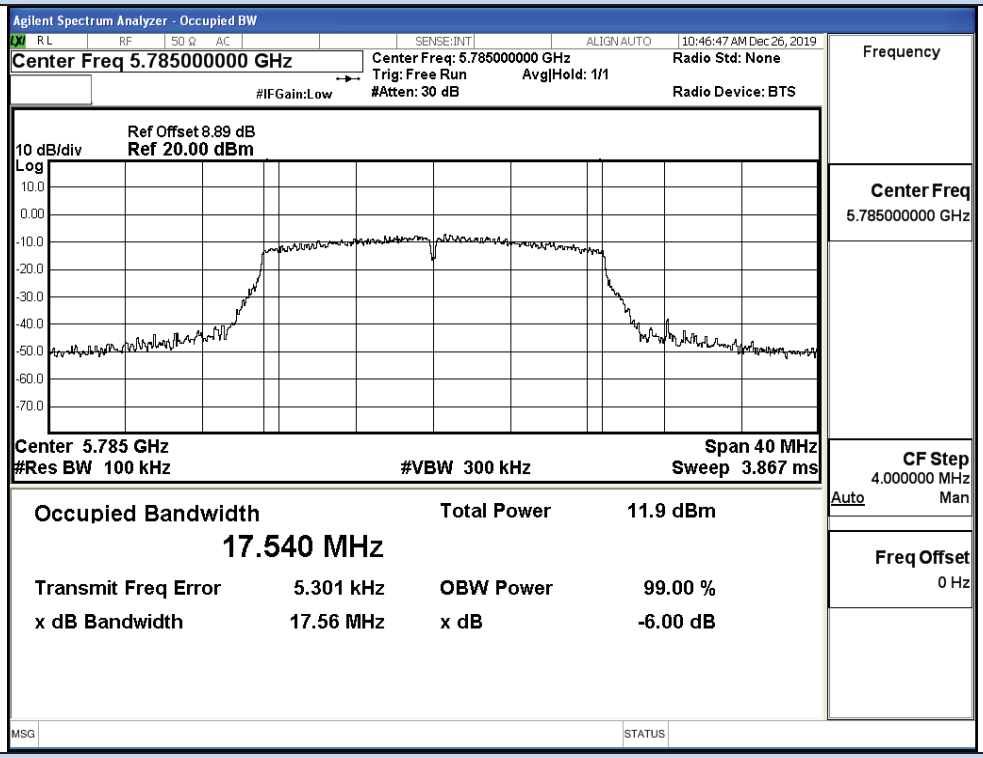
IEEE 802.11n40 / Channel 151 / 5755MHz



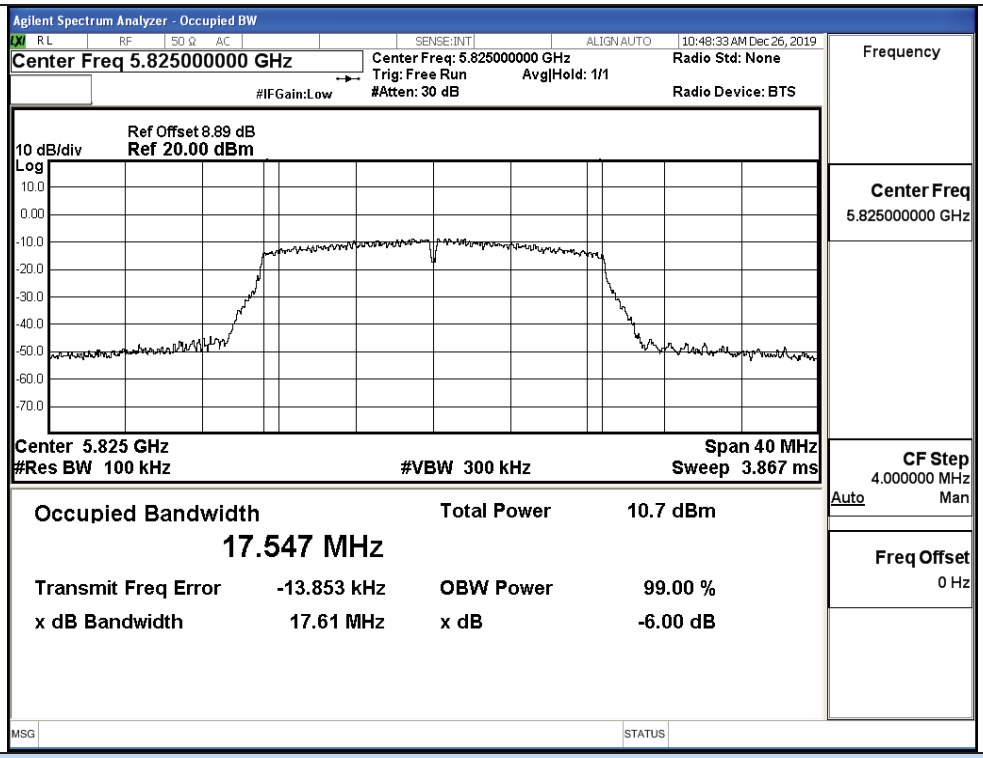
IEEE 802.11n40 / Channel 159 / 5795MHz



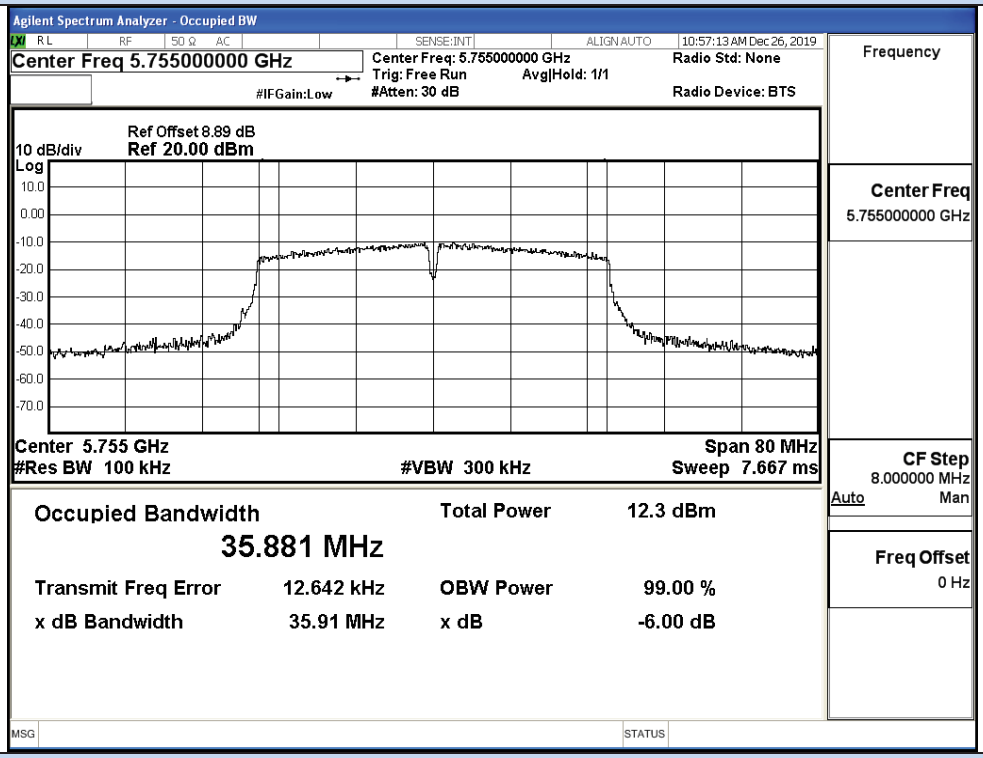
IEEE 802.11ac20 / Channel 149 / 5745MHz



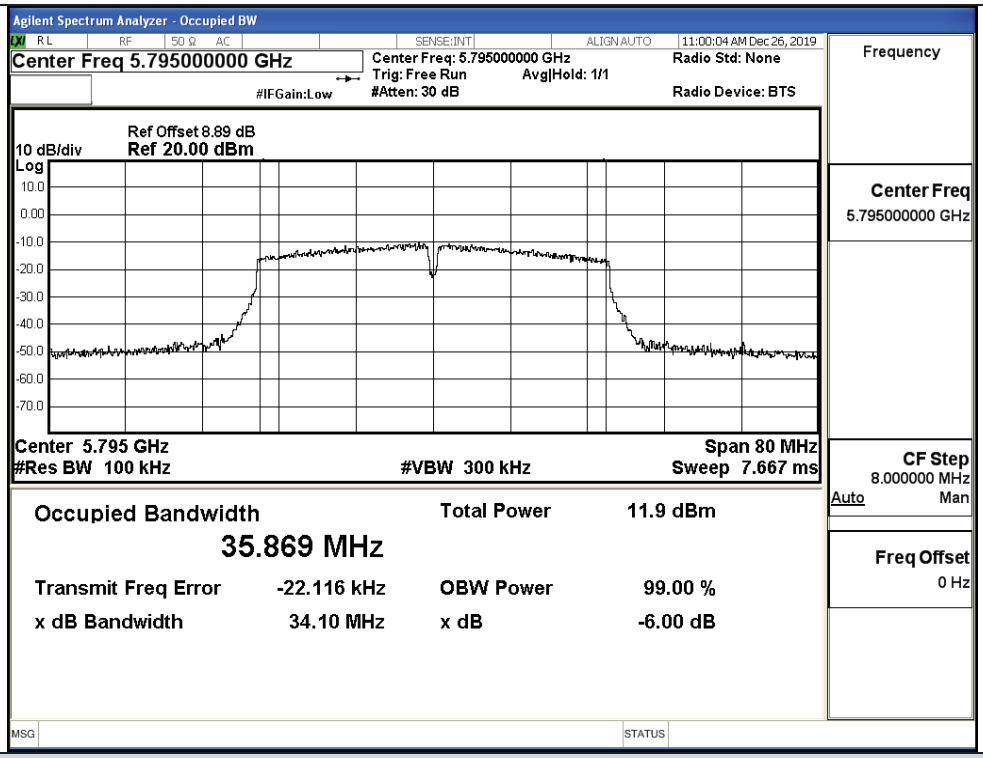
IEEE 802.11ac20 / Channel 157/ 5785MHz



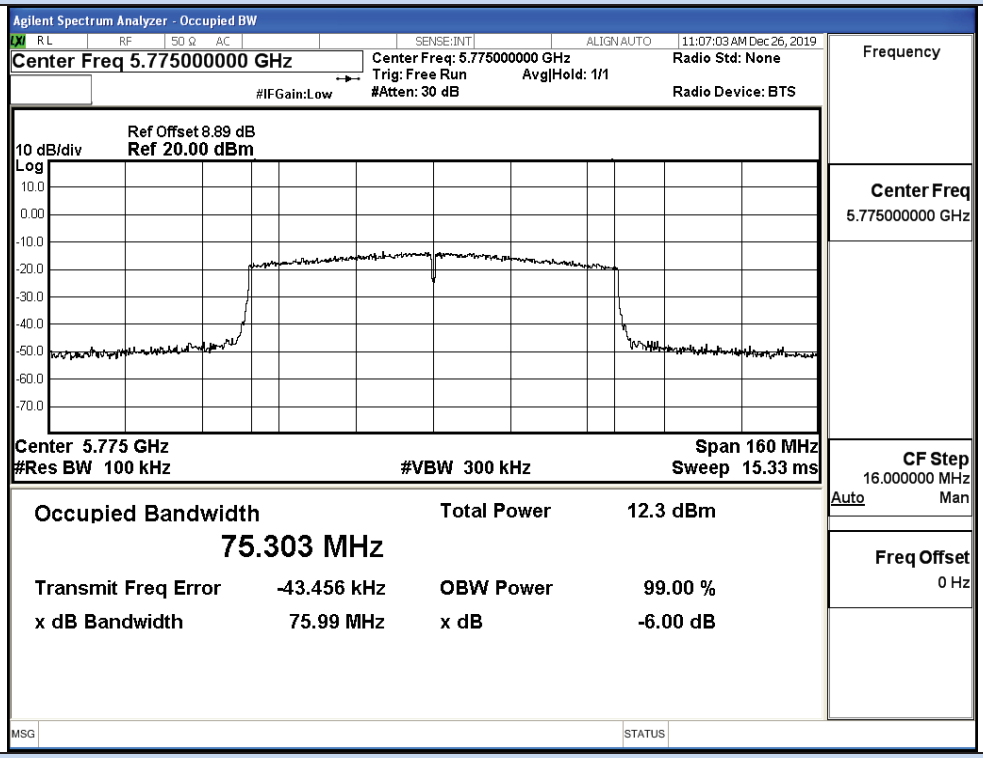
IEEE 802.11ac20 / Channel 165 / 5825MHz



IEEE 802.11ac40 / Channel 151 / 5755MHz



IEEE 802.11ac40 / Channel 159 / 5795MHz



IEEE 802.11ac80 / Channel 155 / 5775MHz

D.5 Undesirable Emissions Measurement

Ant0

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11A	149	5650.0	-48.61	-3.38	-46.61	Peak	-27.0	Pass
		5650.0	-60.21	-3.38	-58.21	Average	-27.0	Pass
		5700.0	-47.03	-3.38	-45.03	Peak	10	Pass
		5700.0	-59.40	-3.38	-57.40	Average	10	Pass
		5720.0	-39.24	-3.38	-37.24	Peak	15.6	Pass
		5720.0	-57.72	-3.38	-55.72	Average	15.6	Pass
		5725.0	-32.40	-3.38	-30.40	Peak	27.0	Pass
		5725.0	-50.56	-3.38	-48.56	Average	27.0	Pass
	165	5850.0	-46.86	-3.38	-44.86	Peak	27.0	Pass
		5850.0	-58.26	-3.38	-56.26	Average	27.0	Pass
		5855.0	-47.12	-3.38	-45.12	Peak	15.6	Pass
		5855.0	-58.97	-3.38	-56.97	Average	15.6	Pass
		5875.0	-47.06	-3.38	-45.06	Peak	10	Pass
		5875.0	-59.60	-3.38	-57.60	Average	10	Pass
		5925.0	-48.81	-3.38	-46.81	Peak	-27.0	Pass
		5925.0	-60.13	-3.38	-58.13	Average	-27.0	Pass
11N20 SISO	149	5650.0	-48.58	-3.38	-46.58	Peak	-27.0	Pass
		5650.0	-60.04	-3.38	-58.04	Average	-27.0	Pass
		5700.0	-47.40	-3.38	-45.40	Peak	10	Pass
		5700.0	-58.03	-3.38	-56.03	Average	10	Pass
		5720.0	-45.75	-3.38	-43.75	Peak	15.6	Pass
		5720.0	-59.16	-3.38	-57.16	Average	15.6	Pass
		5725.0	-33.50	-3.38	-31.50	Peak	27.0	Pass
		5725.0	-53.95	-3.38	-51.95	Average	27.0	Pass
	165	5850.0	-46.02	-3.38	-44.02	Peak	27.0	Pass
		5850.0	-58.29	-3.38	-56.29	Average	27.0	Pass
		5855.0	-46.12	-3.38	-44.12	Peak	15.6	Pass
		5855.0	-58.93	-3.38	-56.93	Average	15.6	Pass
		5875.0	-48.00	-3.38	-46.00	Peak	10	Pass
		5875.0	-59.37	-3.38	-57.37	Average	10	Pass
		5925.0	-48.46	-3.38	-46.46	Peak	-27.0	Pass
		5925.0	-59.99	-3.38	-57.99	Average	-27.0	Pass

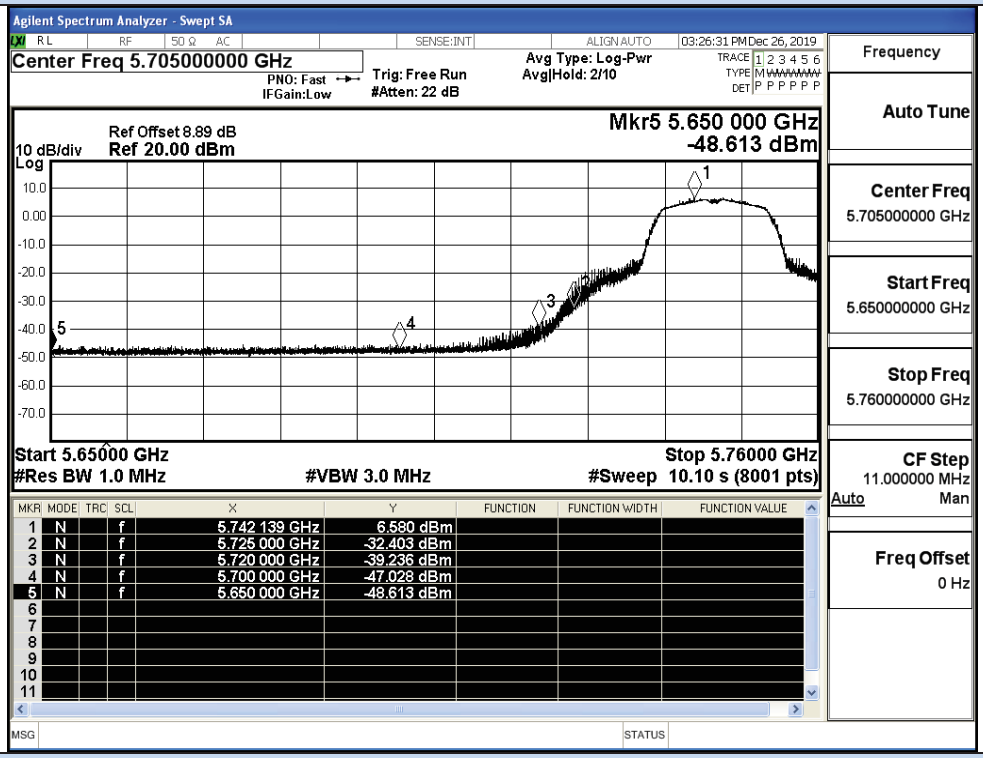
Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11N40 SISO	151	5650.0	-47.14	-3.38	-45.14	Peak	-27.0	Pass
		5650.0	-59.94	-3.38	-57.94	Average	-27.0	Pass
		5700.0	-46.67	-3.38	-44.67	Peak	10	Pass
		5700.0	-58.90	-3.38	-56.90	Average	10	Pass
		5720.0	-38.46	-3.38	-36.46	Peak	15.6	Pass
		5720.0	-53.23	-3.38	-51.23	Average	15.6	Pass
		5725.0	-33.71	-3.38	-31.71	Peak	27.0	Pass
		5725.0	-50.45	-3.38	-48.45	Average	27.0	Pass
	159	5850.0	-47.87	-3.38	-45.87	Peak	27.0	Pass
		5850.0	-58.61	-3.38	-56.61	Average	27.0	Pass
		5855.0	-48.39	-3.38	-46.39	Peak	15.6	Pass
		5855.0	-58.78	-3.38	-56.78	Average	15.6	Pass
		5875.0	-48.24	-3.38	-46.24	Peak	10	Pass
		5875.0	-59.13	-3.38	-57.13	Average	10	Pass
		5925.0	-49.22	-3.38	-47.22	Peak	-27.0	Pass
		5925.0	-59.82	-3.38	-57.82	Average	-27.0	Pass
11AC20 SISO	149	5650.0	-47.98	-3.38	-45.98	Peak	-27.0	Pass
		5650.0	-60.08	-3.38	-58.08	Average	-27.0	Pass
		5700.0	-46.82	-3.38	-44.82	Peak	10	Pass
		5700.0	-58.03	-3.38	-56.03	Average	10	Pass
		5720.0	-46.42	-3.38	-44.42	Peak	15.6	Pass
		5720.0	-59.13	-3.38	-57.13	Average	15.6	Pass
		5725.0	-35.91	-3.38	-33.91	Peak	27.0	Pass
		5725.0	-53.90	-3.38	-51.90	Average	27.0	Pass
	165	5850.0	-46.98	-3.38	-44.98	Peak	27.0	Pass
		5850.0	-58.32	-3.38	-56.32	Average	27.0	Pass

		5855.0	-47.01	-3.38	-45.01	Peak	15.6	Pass
		5855.0	-58.92	-3.38	-56.92	Average	15.6	Pass
		5875.0	-48.09	-3.38	-46.09	Peak	10	Pass
		5875.0	-59.40	-3.38	-57.40	Average	10	Pass
		5925.0	-48.05	-3.38	-46.05	Peak	-27.0	Pass
		5925.0	-60.01	-3.38	-58.01	Average	-27.0	Pass
11AC40 SISO	151	5650.0	-47.72	-3.38	-45.72	Peak	-27.0	Pass
		5650.0	-59.92	-3.38	-57.92	Average	-27.0	Pass
		5700.0	-47.22	-3.38	-45.22	Peak	10	Pass
		5700.0	-58.85	-3.38	-56.85	Average	10	Pass
		5720.0	-33.45	-3.38	-31.45	Peak	15.6	Pass
		5720.0	-52.80	-3.38	-50.80	Average	15.6	Pass
		5725.0	-33.66	-3.38	-31.66	Peak	27.0	Pass
		5725.0	-50.03	-3.38	-48.03	Average	27.0	Pass
	159	5850.0	-46.93	-3.38	-44.93	Peak	27.0	Pass
		5850.0	-58.53	-3.38	-56.53	Average	27.0	Pass
		5855.0	-45.36	-3.38	-43.36	Peak	15.6	Pass
		5855.0	-58.68	-3.38	-56.68	Average	15.6	Pass
		5875.0	-47.98	-3.38	-45.98	Peak	10	Pass
		5875.0	-59.03	-3.38	-57.03	Average	10	Pass
		5925.0	-48.53	-3.38	-46.53	Peak	-27.0	Pass
		5925.0	-59.74	-3.38	-57.74	Average	-27.0	Pass
11AC80 SISO	155	5725.0	-41.14	-3.38	-39.14	Peak	27.0	Pass
		5720.0	-44.41	-3.38	-42.41	Peak	15.6	Pass
		5700.0	-46.88	-3.38	-44.88	Peak	10	Pass
		5650.0	-48.57	-3.38	-46.57	Peak	-27.0	Pass
		5725.0	-55.11	-3.38	-53.11	Average	27.0	Pass
		5720.0	-56.02	-3.38	-54.02	Average	15.6	Pass
		5700.0	-58.46	-3.38	-56.46	Average	10	Pass
		5650.0	-59.55	-3.38	-57.55	Average	-27.0	Pass
		5850.0	-41.14	-3.38	-39.14	Peak	27.0	Pass
		5855.0	-44.41	-3.38	-42.41	Peak	15.6	Pass
		5875.0	-46.88	-3.38	-44.88	Peak	10	Pass
		5925.0	-48.57	-3.38	-46.57	Peak	-27.0	Pass
		5850.0	-55.11	-3.38	-53.11	Average	27.0	Pass
		5855.0	-56.02	-3.38	-54.02	Average	15.6	Pass
		5875.0	-58.46	-3.38	-56.46	Average	10	Pass
		5925.0	-59.55	-3.38	-57.55	Average	-27.0	Pass

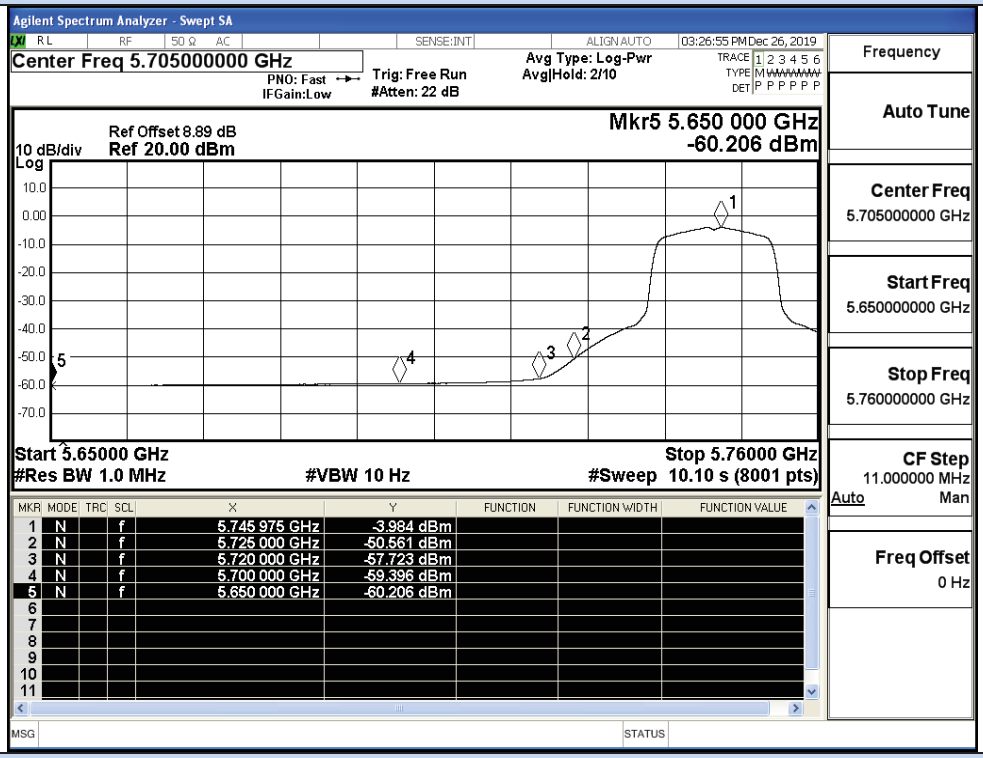
EIRP(dBm/MHz)= Conducted Power (dBm) + Antenna Gain (dBi)

The upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands or 2 dBi, whichever is greater

Undesirable Emissions Measurement

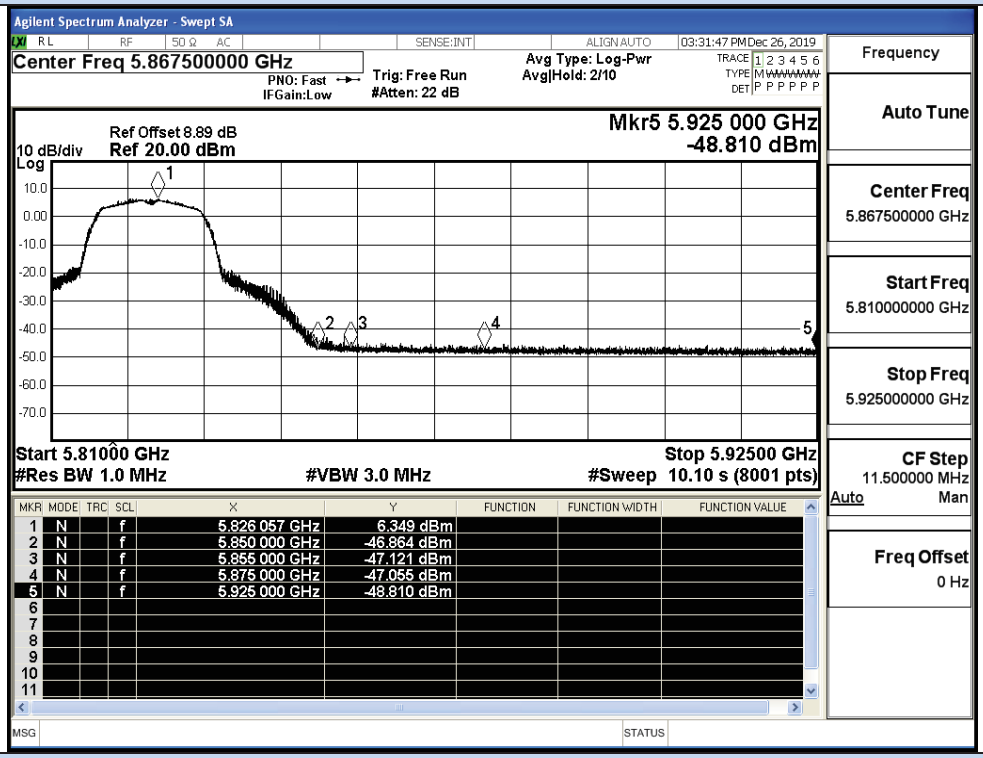


IEEE 802.11a / Channel 149 / 5745MHz / Peak

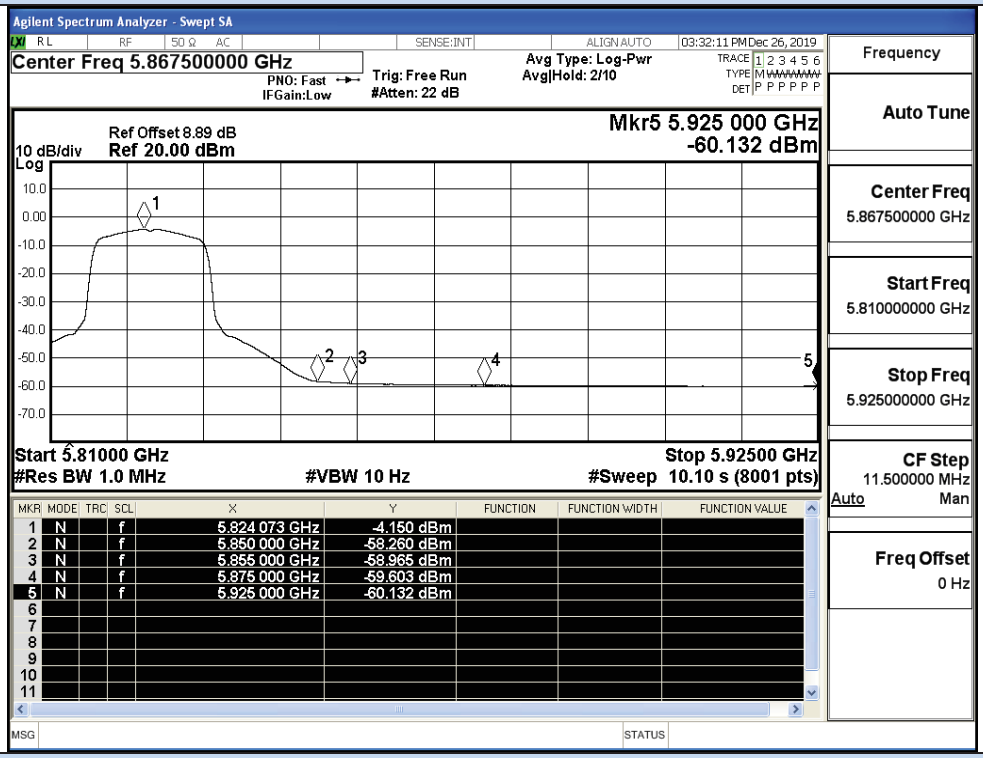


IEEE 802.11a / Channel 148 / 5745MHz / Average

Undesirable Emissions Measurement

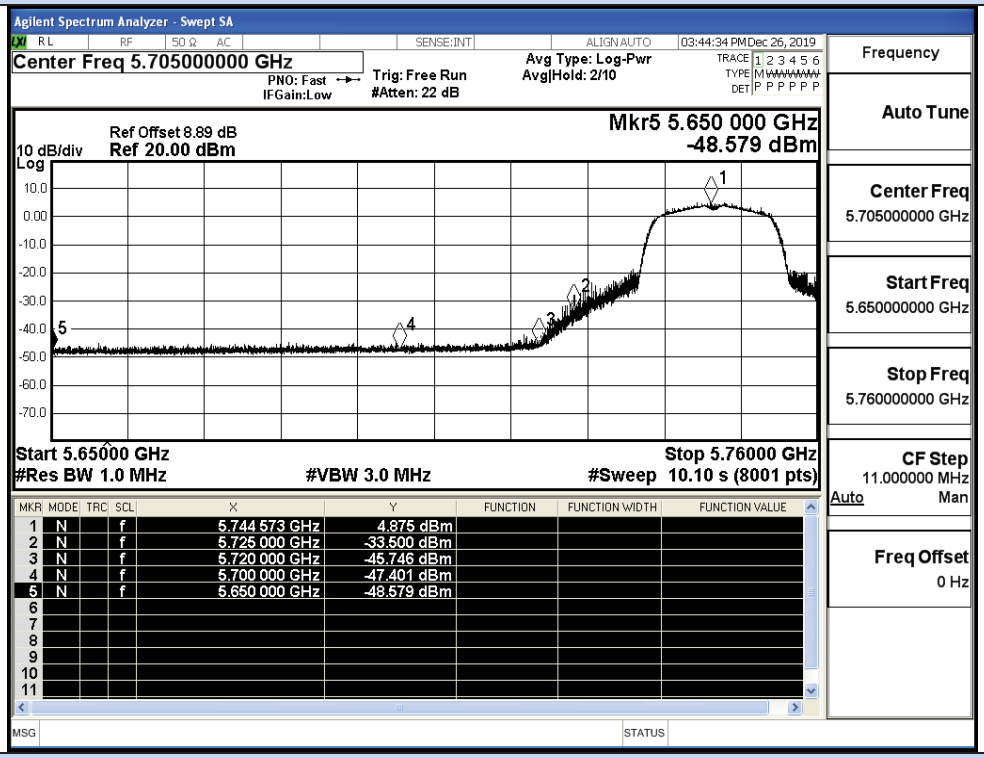


IEEE 802.11a / Channel 165 / 5825MHz / Peak

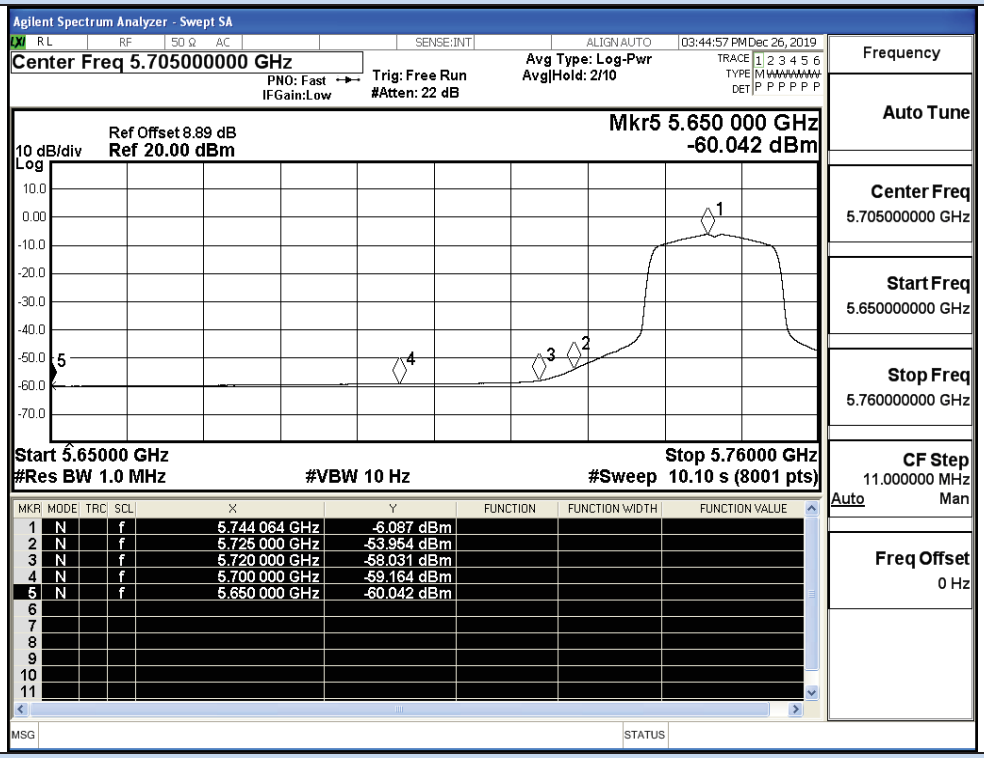


IEEE 802.11a / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

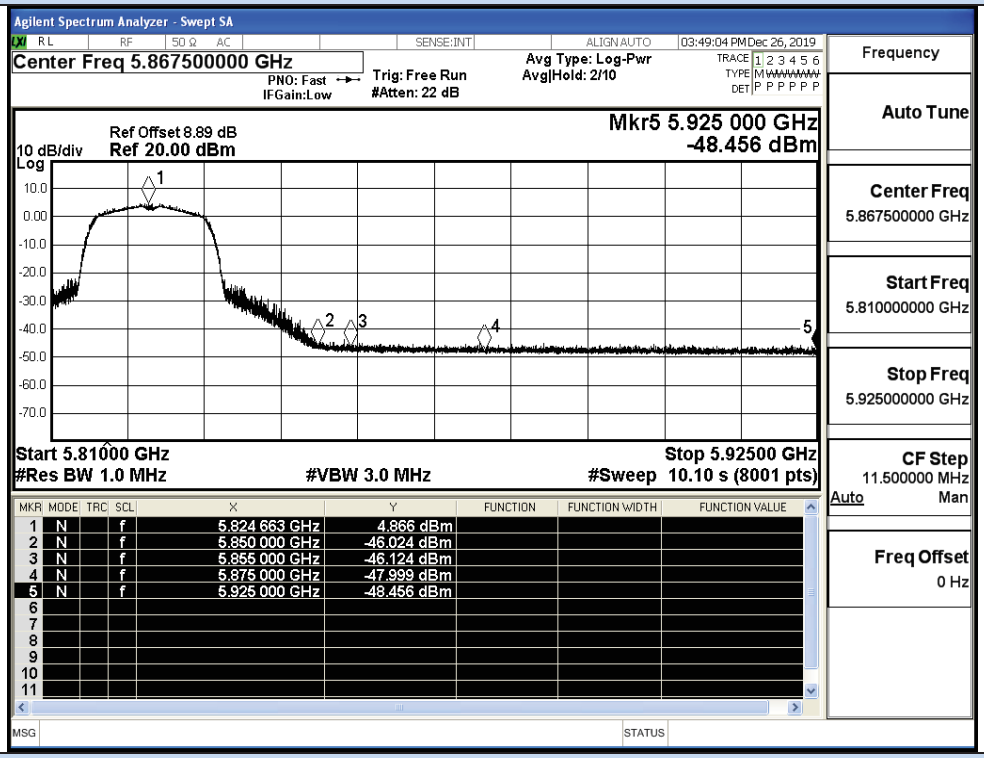


IEEE 802.11n20 / Channel 149 / 5745MHz / Peak

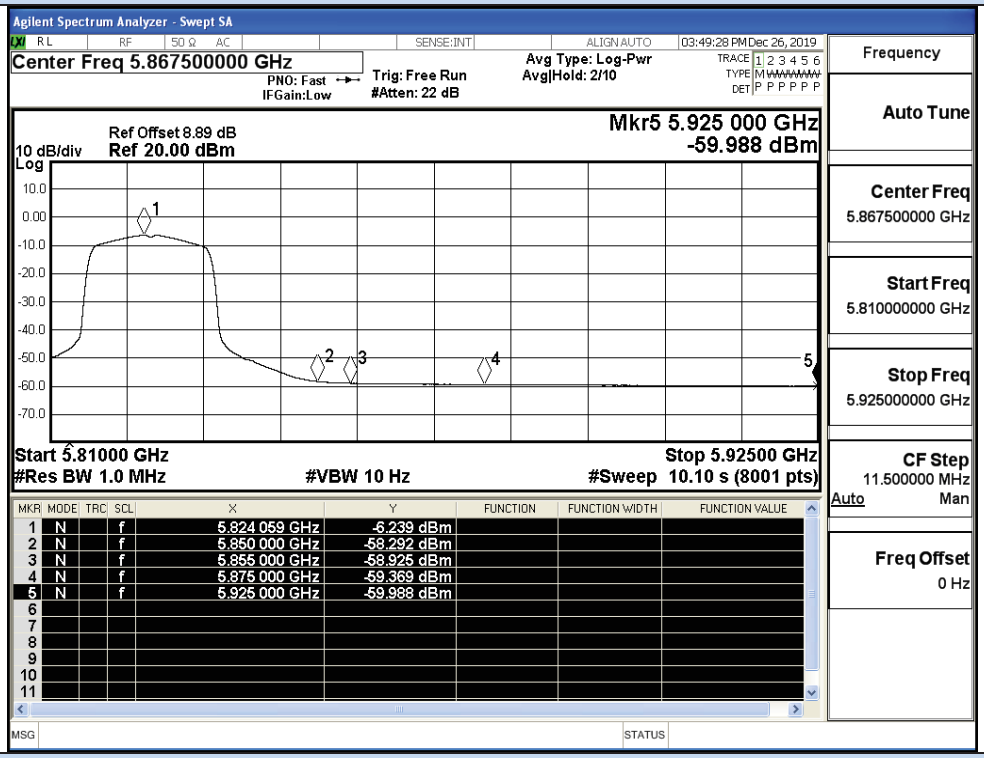


IEEE 802.11n20 / Channel 149 / 5745MHz / Average

Undesirable Emissions Measurement

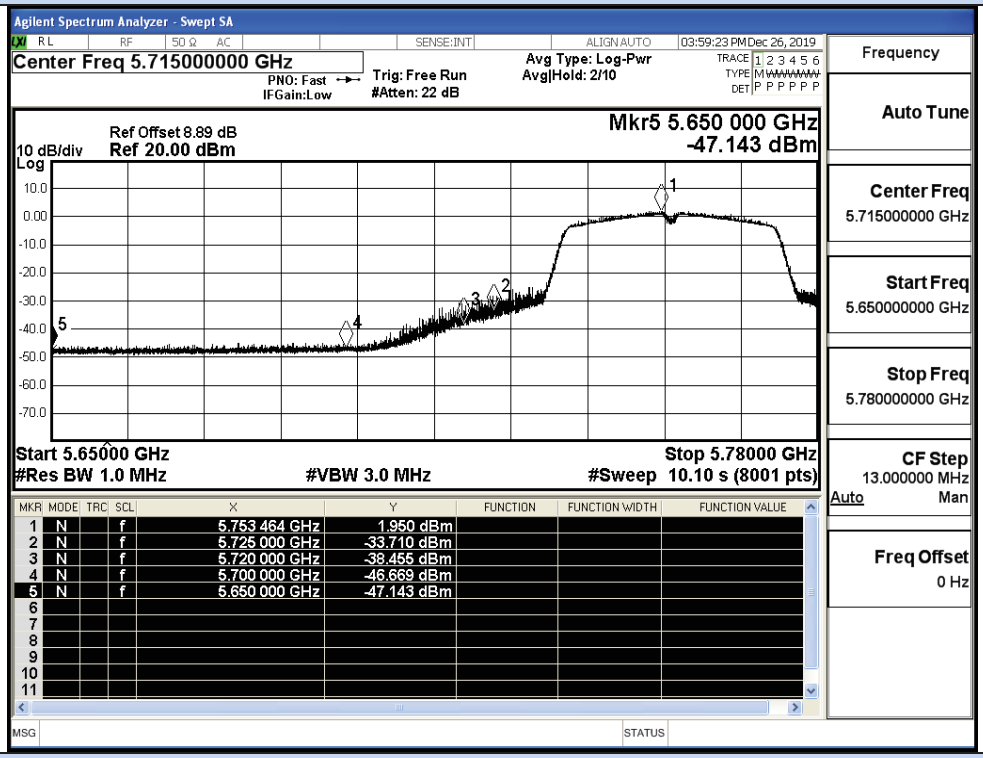


IEEE 802.11n20 / Channel 165 / 5825MHz / Peak

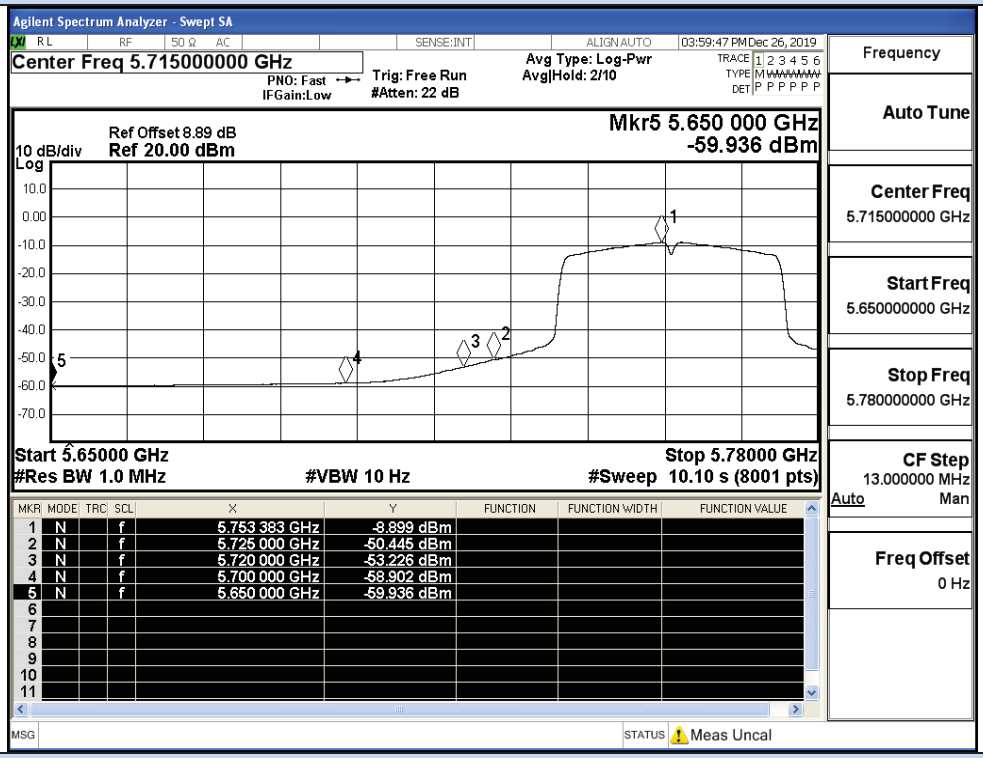


IEEE 802.11n20 / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

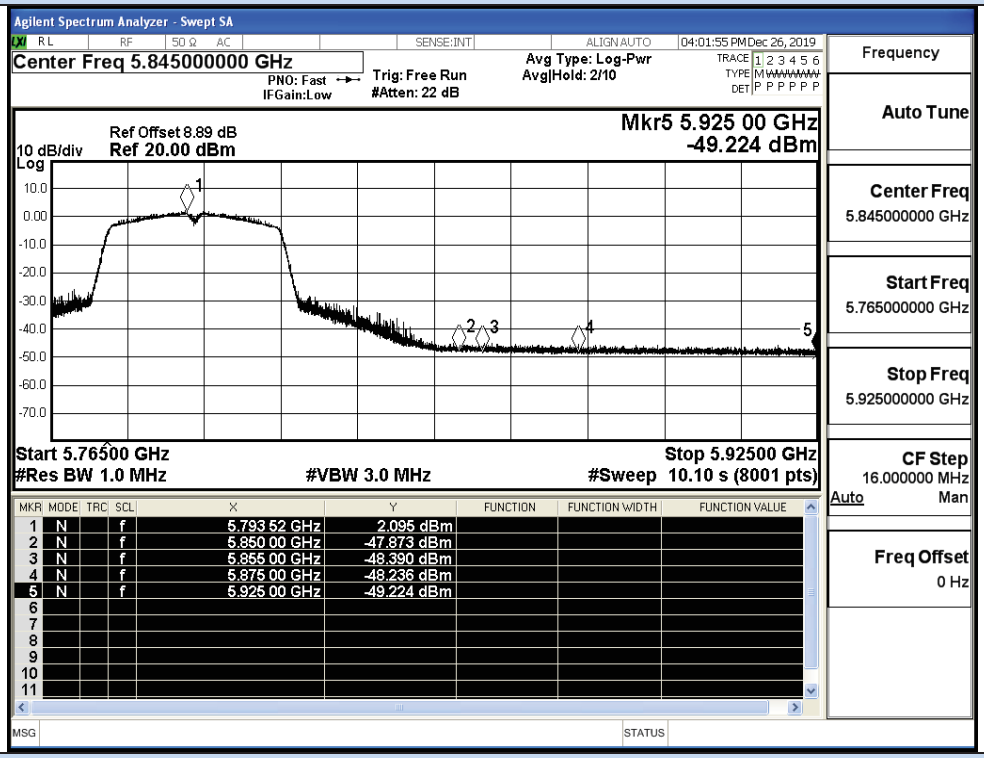


IEEE 802.11n40 / Channel 151 / 5755MHz / Peak

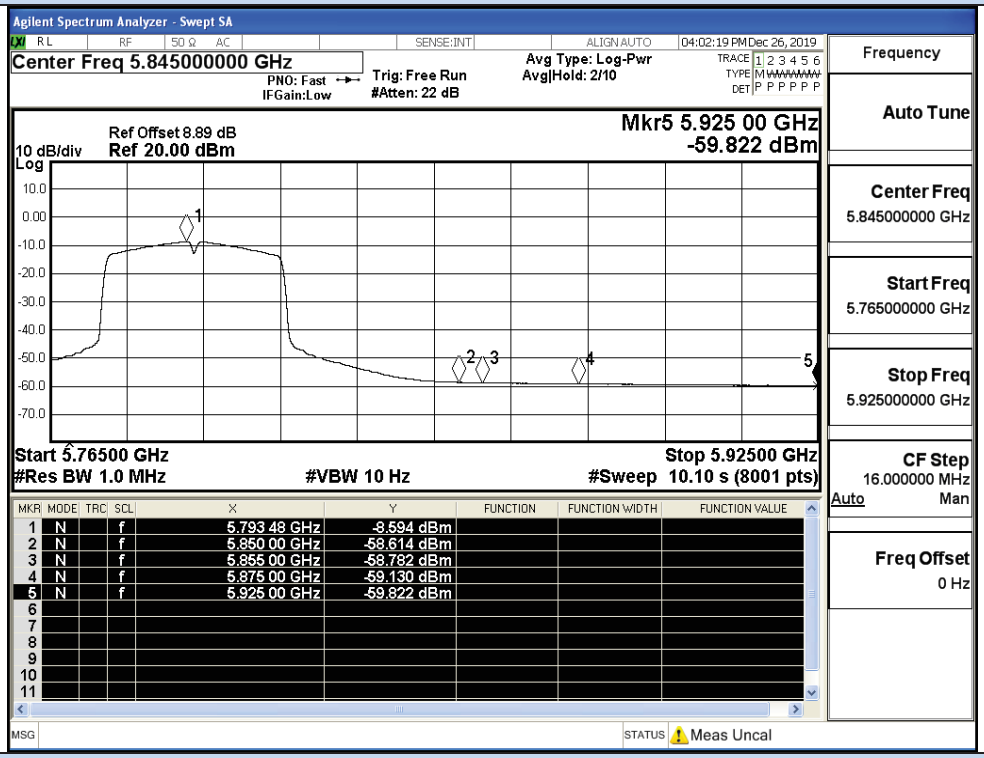


IEEE 802.11n40 / Channel 151 / 5755MHz / Average

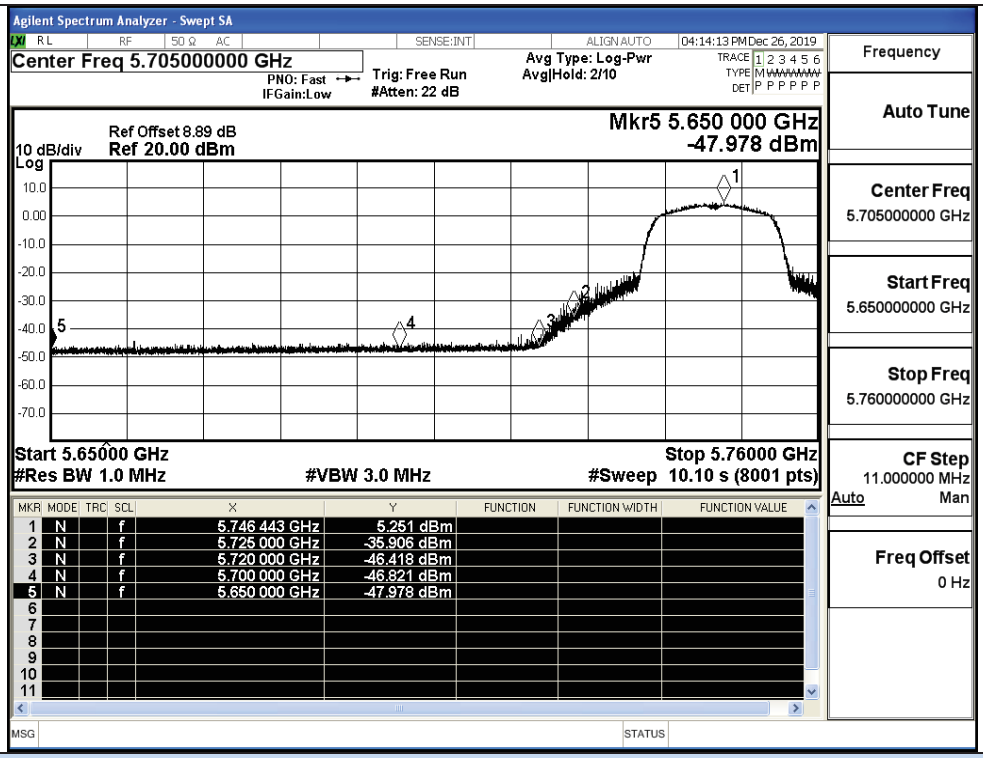
Undesirable Emissions Measurement



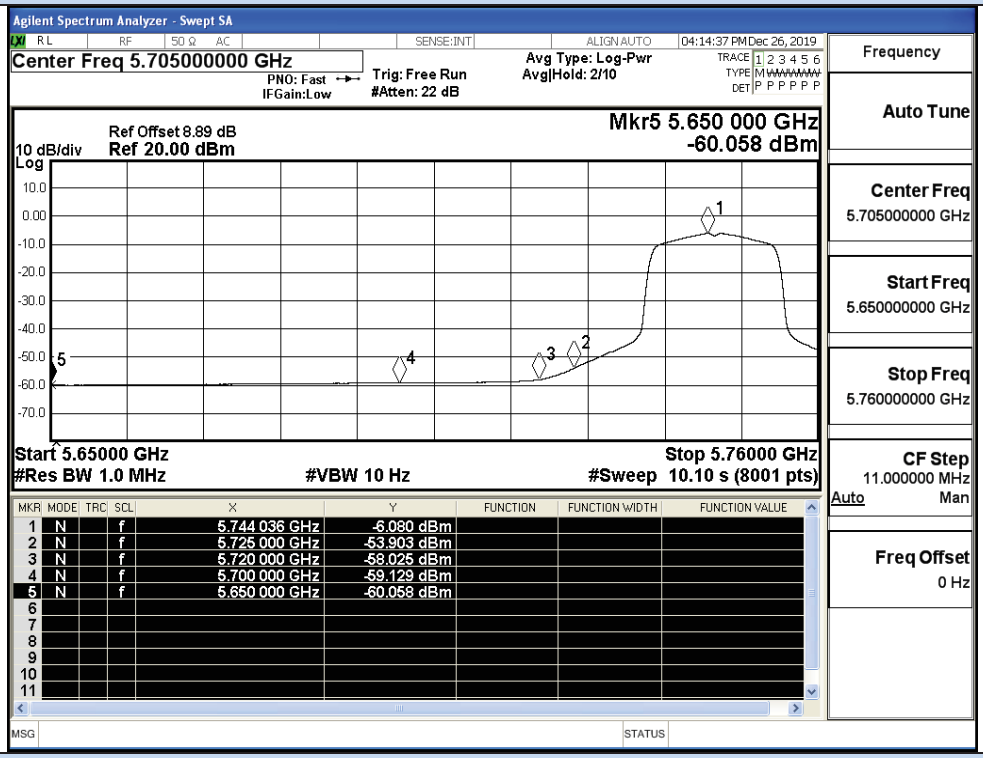
IEEE 802.11n40 / Channel 159 / 5795MHz / Peak



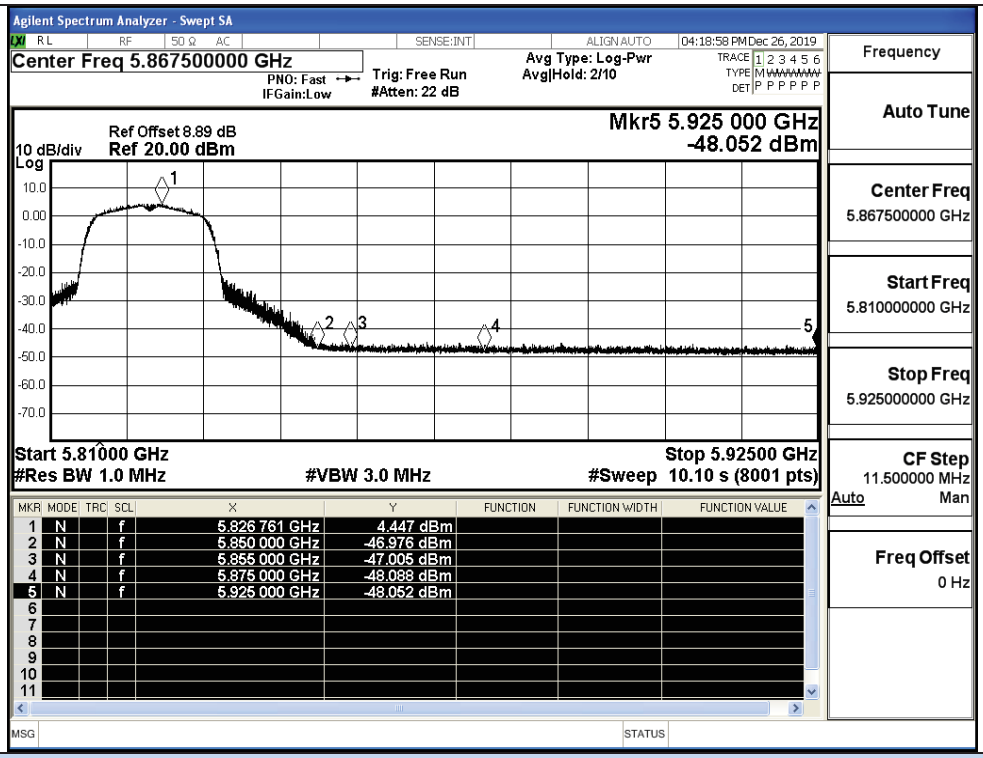
IEEE 802.11n40 / Channel 159 / 5795MHz / Average



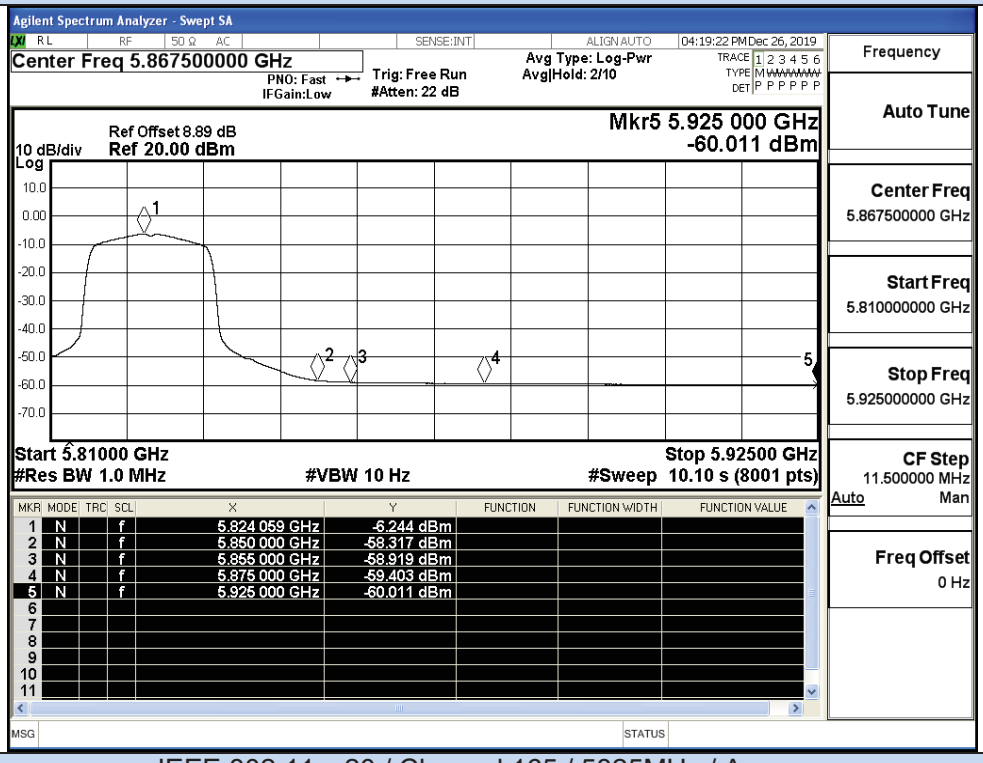
IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak



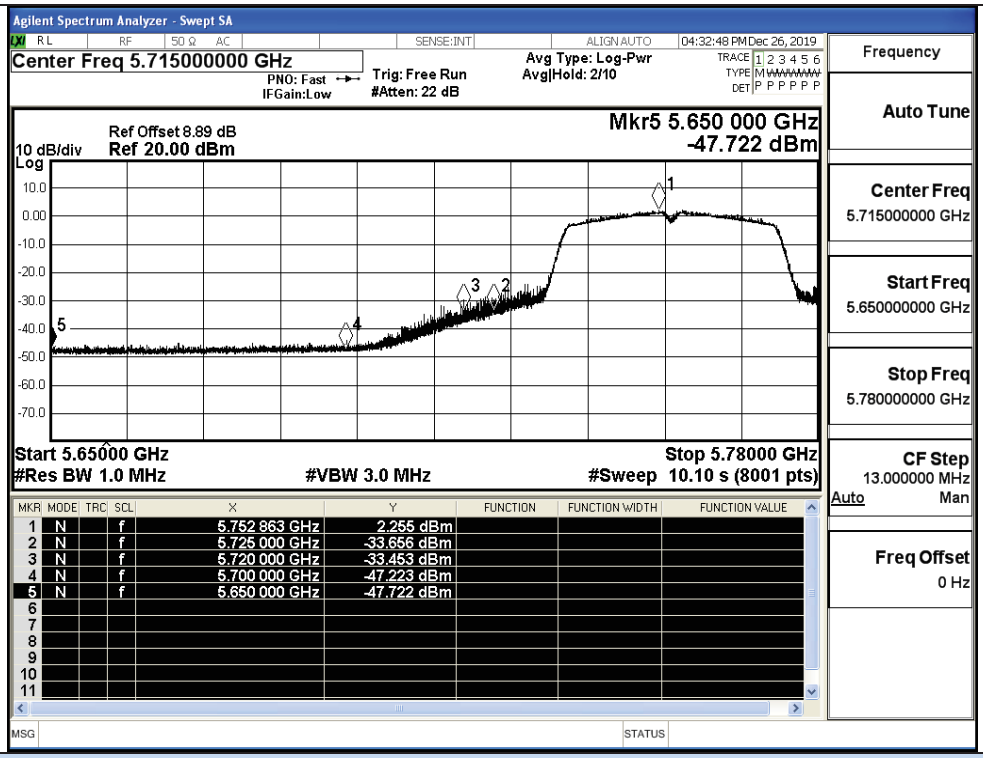
IEEE 802.11ac20 / Channel 149 / 5745MHz / Average



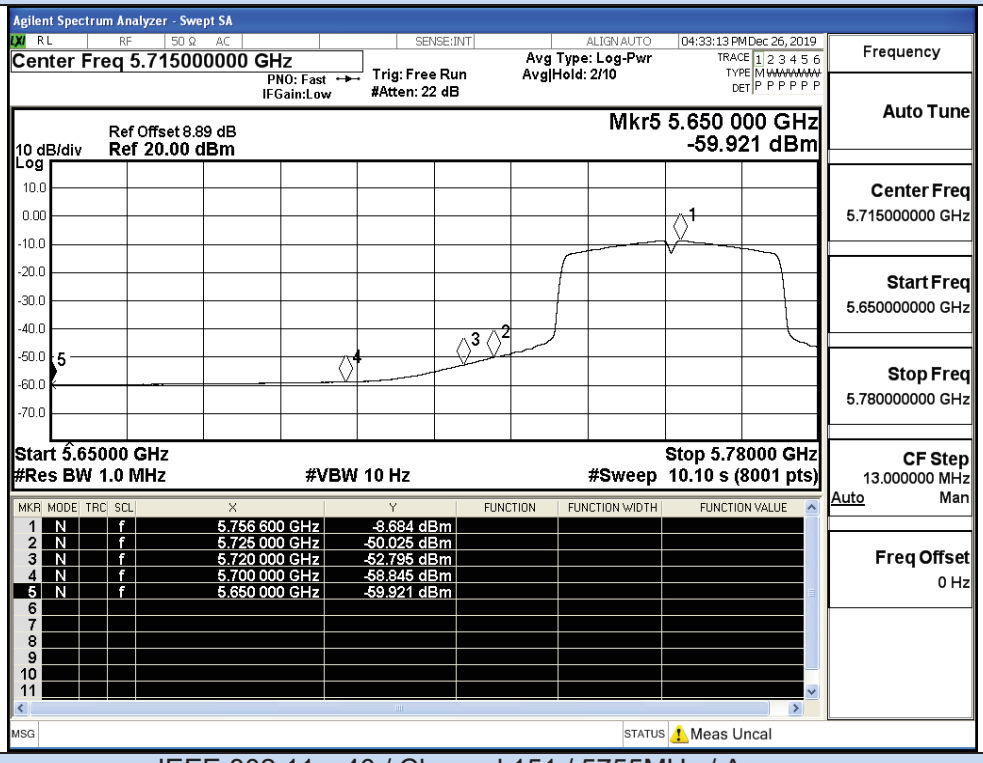
IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak



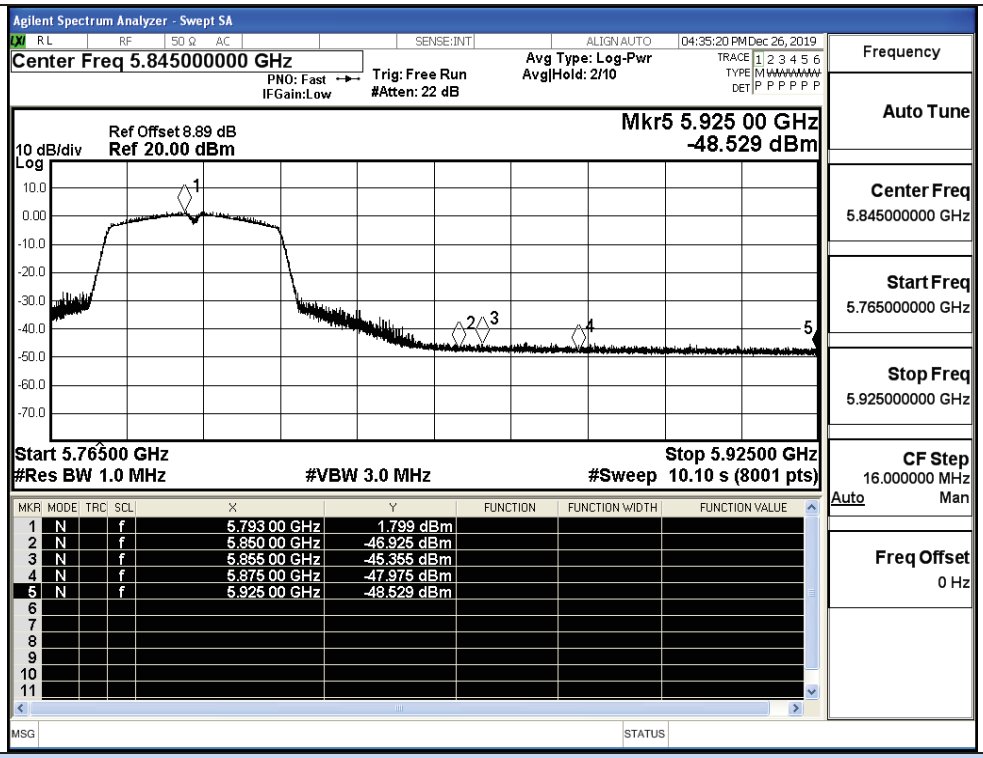
IEEE 802.11ac20 / Channel 165 / 5825MHz / Average



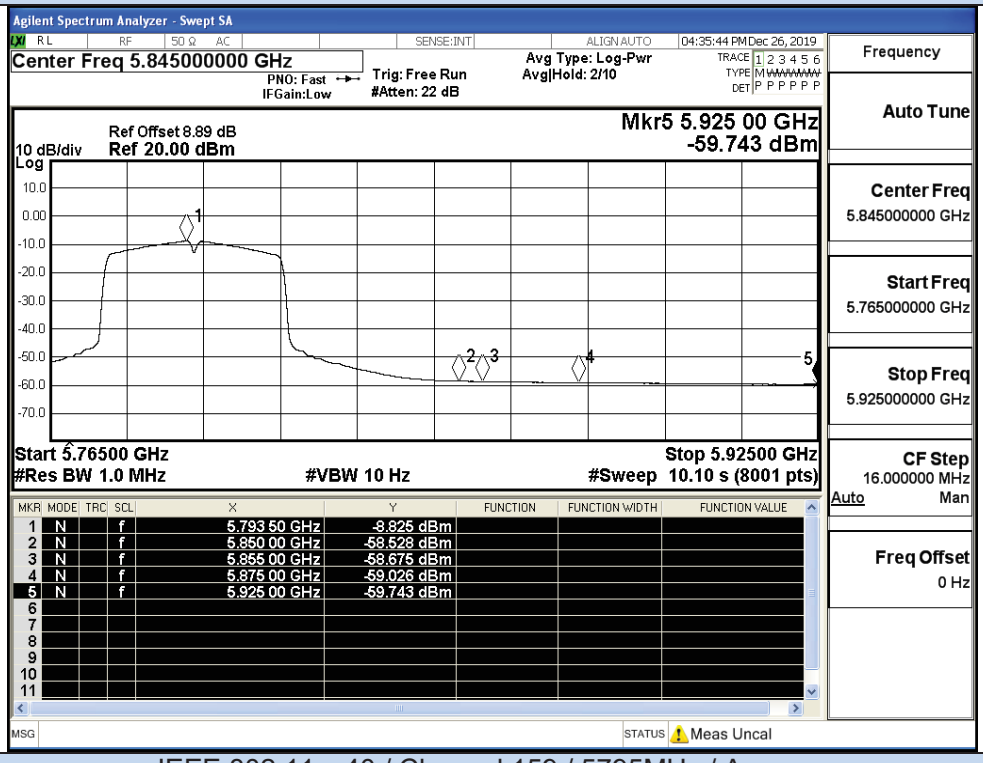
IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak



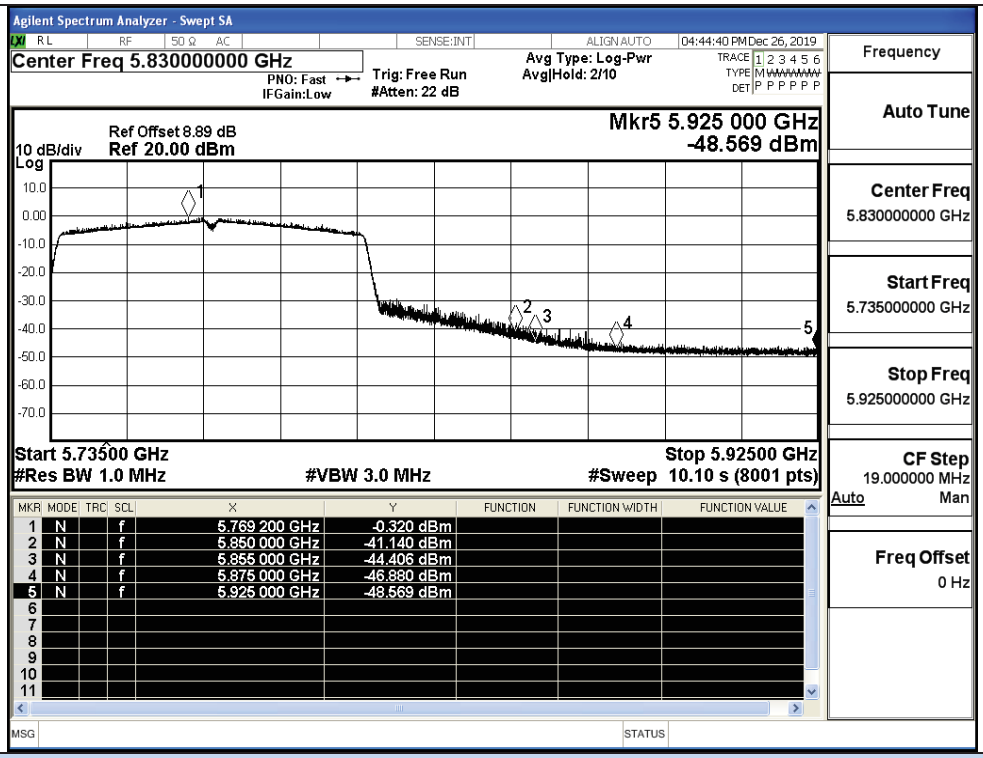
IEEE 802.11ac40 / Channel 151 / 5755MHz / Average



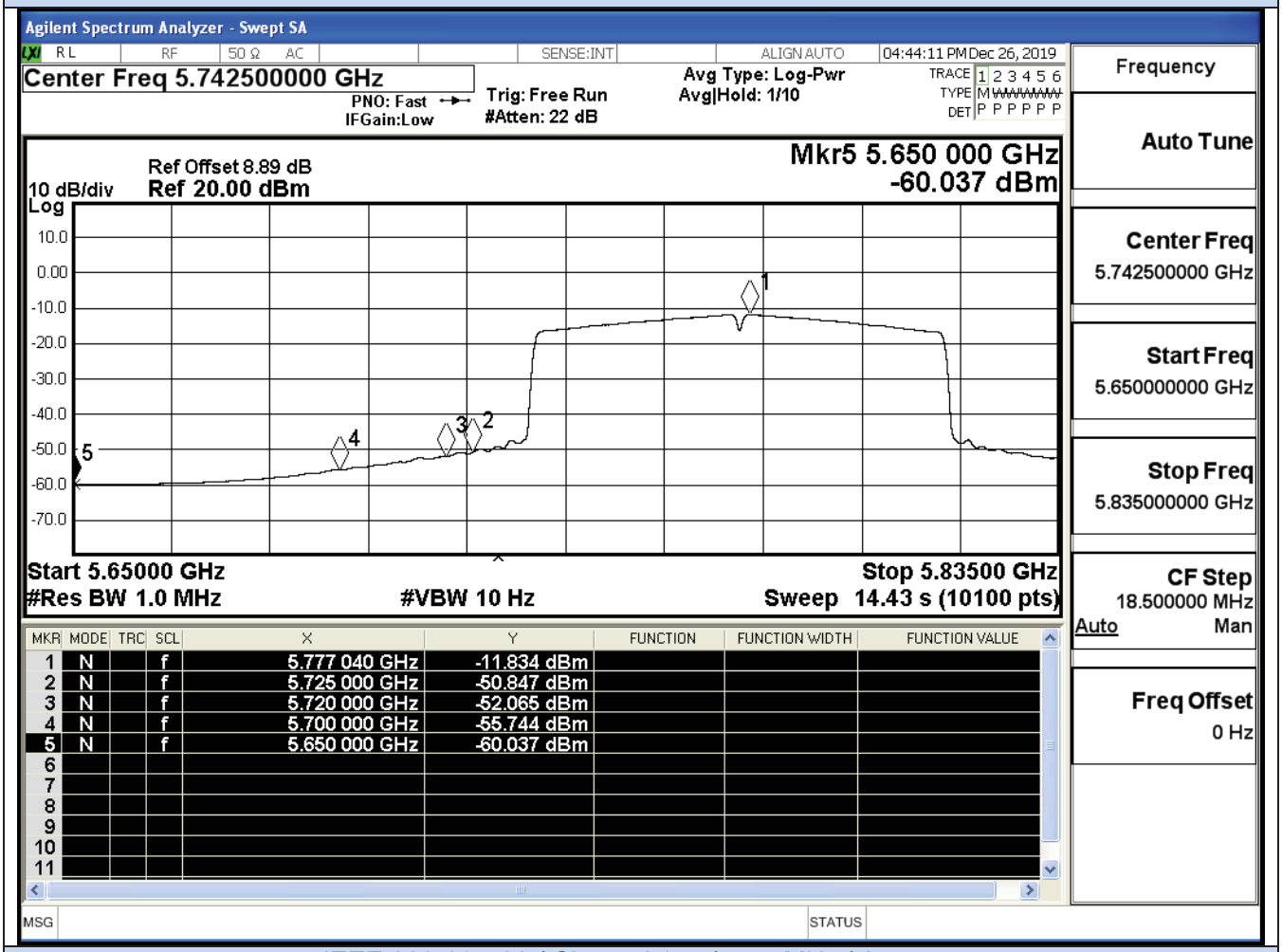
IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak



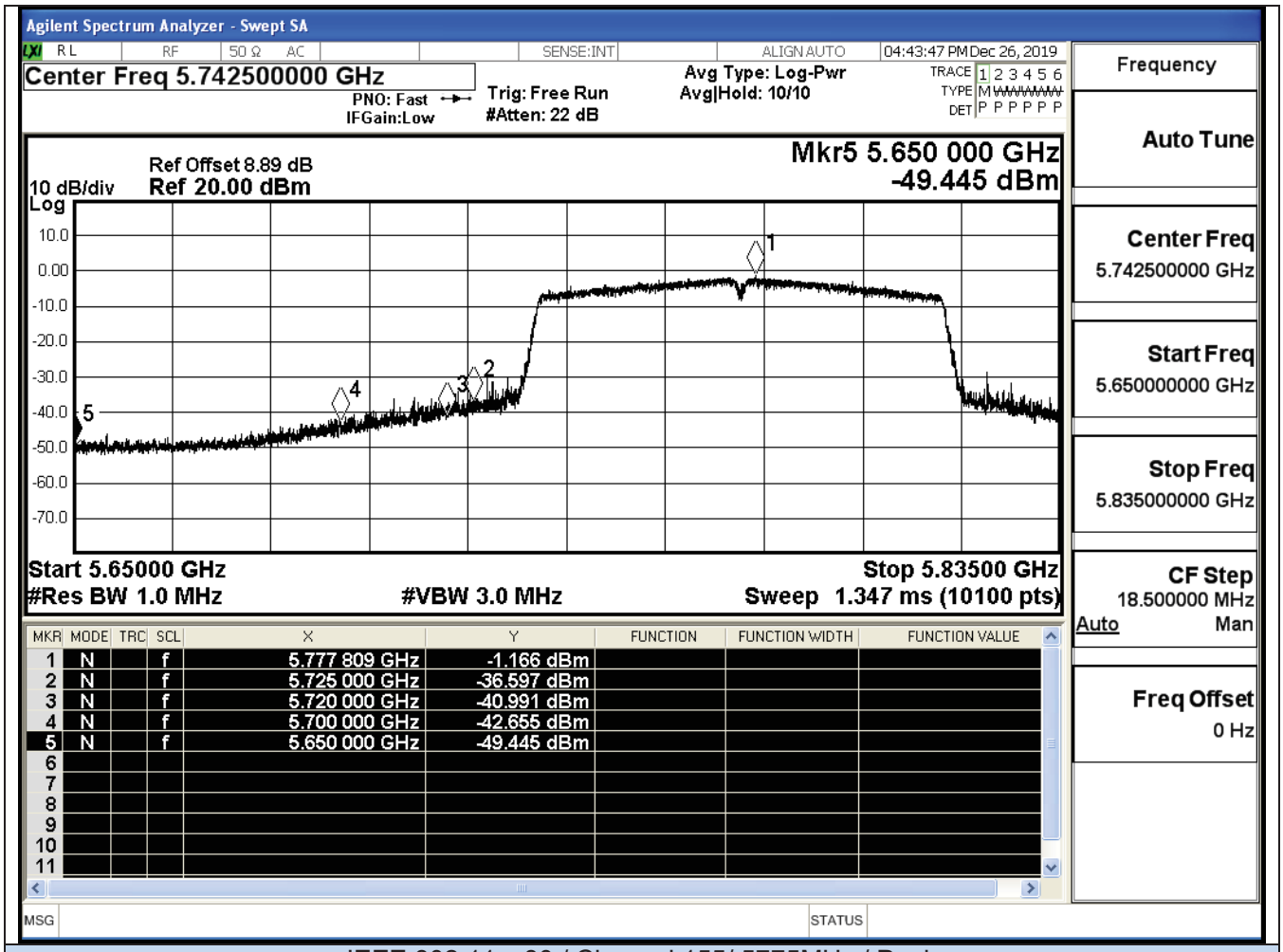
IEEE 802.11ac40 / Channel 159 / 5795MHz / Average



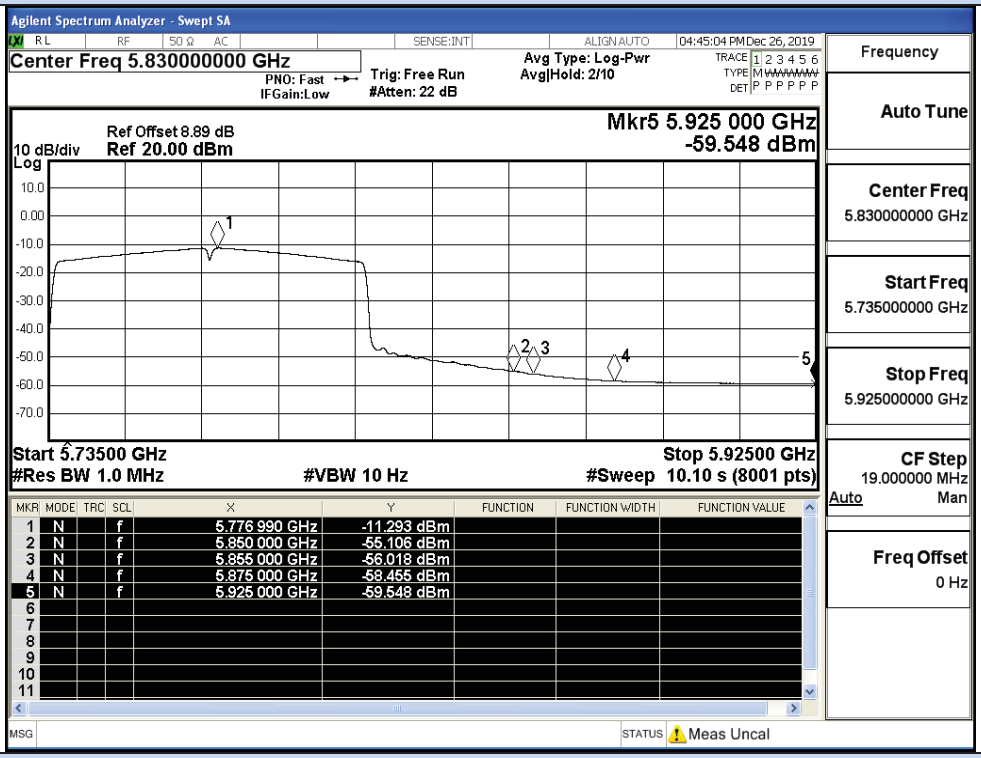
IEEE 802.11ac80 / Channel 155 / 5775MHz / Peak



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average



IEEE 802.11ac80 / Channel 155/ 5775MHz / Peak



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average

Ant1

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11A	149	5650.0	-47.81	-3.38	-45.81	Peak	-27.0	Pass
		5650.0	-60.04	-3.38	-58.04	Average	-27.0	Pass
		5700.0	-47.67	-3.38	-45.67	Peak	10	Pass
		5700.0	-59.14	-3.38	-57.14	Average	10	Pass
		5720.0	-45.39	-3.38	-43.39	Peak	15.6	Pass
		5720.0	-57.97	-3.38	-55.97	Average	15.6	Pass
		5725.0	-33.12	-3.38	-31.12	Peak	27.0	Pass
		5725.0	-52.56	-3.38	-50.56	Average	27.0	Pass
	165	5850.0	-45.74	-3.38	-43.74	Peak	27.0	Pass
		5850.0	-58.62	-3.38	-56.62	Average	27.0	Pass
		5855.0	-47.01	-3.38	-45.01	Peak	15.6	Pass
		5855.0	-59.17	-3.38	-57.17	Average	15.6	Pass
		5875.0	-47.17	-3.38	-45.17	Peak	10	Pass
		5875.0	-59.72	-3.38	-57.72	Average	10	Pass
		5925.0	-49.10	-3.38	-47.10	Peak	-27.0	Pass
		5925.0	-60.27	-3.38	-58.27	Average	-27.0	Pass
11N20 SISO	149	5650.0	-48.24	-3.38	-46.24	Peak	-27.0	Pass
		5650.0	-60.04	-3.38	-58.04	Average	-27.0	Pass
		5700.0	-46.99	-3.38	-44.99	Peak	10	Pass
		5700.0	-57.95	-3.38	-55.95	Average	10	Pass
		5720.0	-44.72	-3.38	-42.72	Peak	15.6	Pass
		5720.0	-59.16	-3.38	-57.16	Average	15.6	Pass
		5725.0	-36.94	-3.38	-34.94	Peak	27.0	Pass
		5725.0	-53.48	-3.38	-51.48	Average	27.0	Pass
	165	5850.0	-48.22	-3.38	-46.22	Peak	27.0	Pass
		5850.0	-59.26	-3.38	-57.26	Average	27.0	Pass
		5855.0	-48.77	-3.38	-46.77	Peak	15.6	Pass
		5855.0	-59.56	-3.38	-57.56	Average	15.6	Pass
		5875.0	-48.02	-3.38	-46.02	Peak	10	Pass
		5875.0	-59.85	-3.38	-57.85	Average	10	Pass
		5925.0	-48.49	-3.38	-46.49	Peak	-27.0	Pass
		5925.0	-60.30	-3.38	-58.30	Average	-27.0	Pass

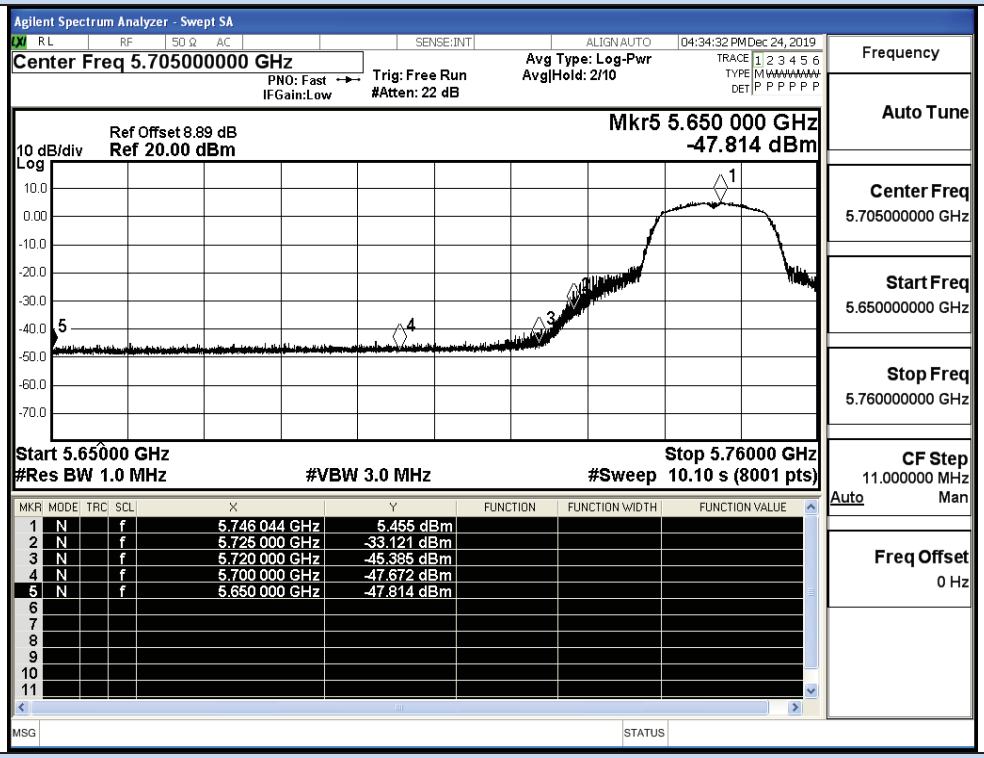
Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11N40 SISO	151	5650.0	-48.33	-3.38	-46.33	Peak	-27.0	Pass
		5650.0	-59.95	-3.38	-57.95	Average	-27.0	Pass
		5700.0	-48.17	-3.38	-46.17	Peak	10	Pass
		5700.0	-58.85	-3.38	-56.85	Average	10	Pass
		5720.0	-35.10	-3.38	-33.10	Peak	15.6	Pass
		5720.0	-52.64	-3.38	-50.64	Average	15.6	Pass
		5725.0	-32.74	-3.38	-30.74	Peak	27.0	Pass
		5725.0	-49.89	-3.38	-47.89	Average	27.0	Pass
	159	5850.0	-47.13	-3.38	-45.13	Peak	27.0	Pass
		5850.0	-58.72	-3.38	-56.72	Average	27.0	Pass
		5855.0	-47.71	-3.38	-45.71	Peak	15.6	Pass
		5855.0	-58.91	-3.38	-56.91	Average	15.6	Pass
		5875.0	-47.18	-3.38	-45.18	Peak	10	Pass
		5875.0	-59.24	-3.38	-57.24	Average	10	Pass
		5925.0	-47.97	-3.38	-45.97	Peak	-27.0	Pass
		5925.0	-59.84	-3.38	-57.84	Average	-27.0	Pass
11AC20 SISO	149	5650.0	-48.27	-3.38	-46.27	Peak	-27.0	Pass
		5650.0	-60.23	-3.38	-58.23	Average	-27.0	Pass
		5700.0	-46.51	-3.38	-44.51	Peak	10	Pass
		5700.0	-58.51	-3.38	-56.51	Average	10	Pass
		5720.0	-46.43	-3.38	-44.43	Peak	15.6	Pass
		5720.0	-59.50	-3.38	-57.50	Average	15.6	Pass
		5725.0	-40.19	-3.38	-38.19	Peak	27.0	Pass
		5725.0	-55.18	-3.38	-53.18	Average	27.0	Pass
	165	5850.0	-46.98	-3.38	-44.98	Peak	27.0	Pass
		5850.0	-58.59	-3.38	-56.59	Average	27.0	Pass
		5855.0	-47.14	-3.38	-45.14	Peak	15.6	Pass
		5855.0	-59.05	-3.38	-57.05	Average	15.6	Pass

		5875.0	-47.15	-3.38	-45.15	Peak	10	Pass
		5875.0	-59.48	-3.38	-57.48	Average	10	Pass
		5925.0	-48.15	-3.38	-46.15	Peak	-27.0	Pass
		5925.0	-60.09	-3.38	-58.09	Average	-27.0	Pass
11AC40 SISO	151	5650.0	-49.46	-3.38	-47.46	Peak	-27.0	Pass
		5650.0	-60.56	-3.38	-58.56	Average	-27.0	Pass
		5700.0	-48.44	-3.38	-46.44	Peak	10	Pass
		5700.0	-60.13	-3.38	-58.13	Average	10	Pass
		5720.0	-43.90	-3.38	-41.90	Peak	15.6	Pass
		5720.0	-58.03	-3.38	-56.03	Average	15.6	Pass
		5725.0	-41.87	-3.38	-39.87	Peak	27.0	Pass
		5725.0	-56.06	-3.38	-54.06	Average	27.0	Pass
	159	5850.0	-48.89	-3.38	-46.89	Peak	27.0	Pass
		5850.0	-59.66	-3.38	-57.66	Average	27.0	Pass
		5855.0	-48.97	-3.38	-46.97	Peak	15.6	Pass
		5855.0	-59.78	-3.38	-57.78	Average	15.6	Pass
		5875.0	-48.62	-3.38	-46.62	Peak	10	Pass
		5875.0	-59.96	-3.38	-57.96	Average	10	Pass
		5925.0	-49.38	-3.38	-47.38	Peak	-27.0	Pass
		5925.0	-60.27	-3.38	-58.27	Average	-27.0	Pass
11AC80 SISO	155	5725.0	-47.38	-3.38	-45.38	Peak	27.0	Pass
		5720.0	-47.12	-3.38	-45.12	Peak	15.6	Pass
		5700.0	-48.68	-3.38	-46.68	Peak	10	Pass
		5650.0	-48.68	-3.38	-46.68	Peak	-27.0	Pass
		5725.0	-58.60	-3.38	-56.60	Average	27.0	Pass
		5720.0	-58.84	-3.38	-56.84	Average	15.6	Pass
		5700.0	-59.50	-3.38	-57.50	Average	10	Pass
		5650.0	-59.98	-3.38	-57.98	Average	-27.0	Pass
		5850.0	-47.38	-3.38	-45.38	Peak	27.0	Pass
		5855.0	-47.12	-3.38	-45.12	Peak	15.6	Pass
		5875.0	-48.68	-3.38	-46.68	Peak	10	Pass
		5925.0	-48.68	-3.38	-46.68	Peak	-27.0	Pass
		5850.0	-58.60	-3.38	-56.60	Average	27.0	Pass
		5855.0	-58.84	-3.38	-56.84	Average	15.6	Pass
		5875.0	-59.50	-3.38	-57.50	Average	10	Pass
		5925.0	-59.98	-3.38	-57.98	Average	-27.0	Pass

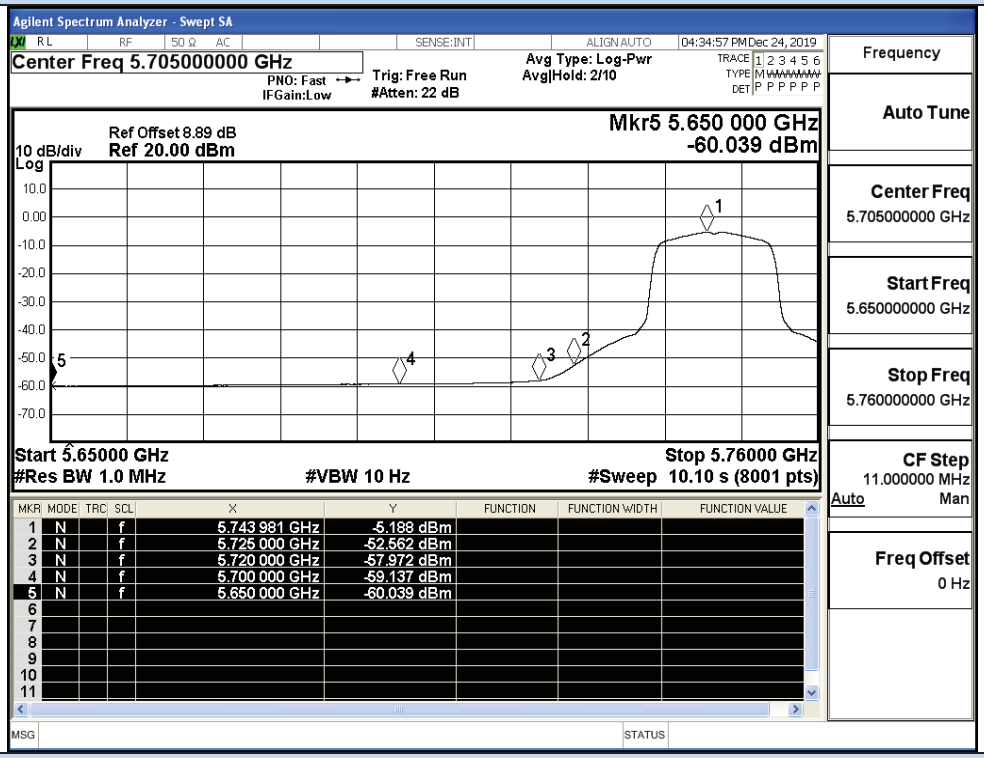
EIRP(dBm/MHz)= Conducted Power (dBm) + Antenna Gain (dBi)

The upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands or 2 dBi, whichever is greater

Undesirable Emissions Measurement

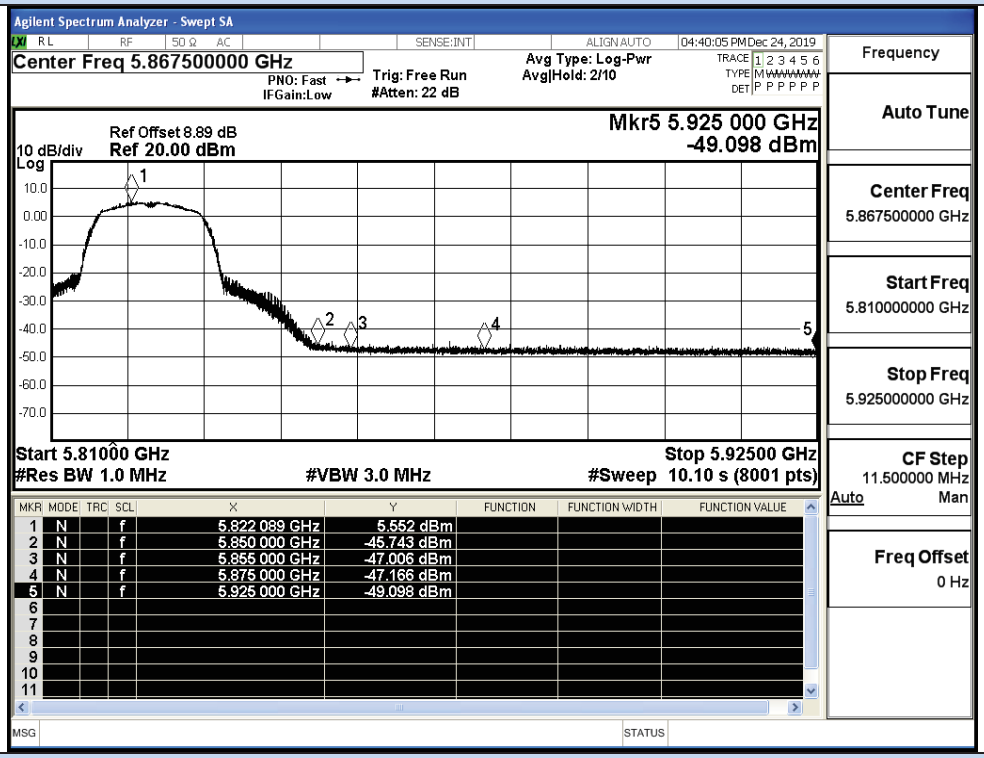


IEEE 802.11a / Channel 149 / 5745MHz / Peak

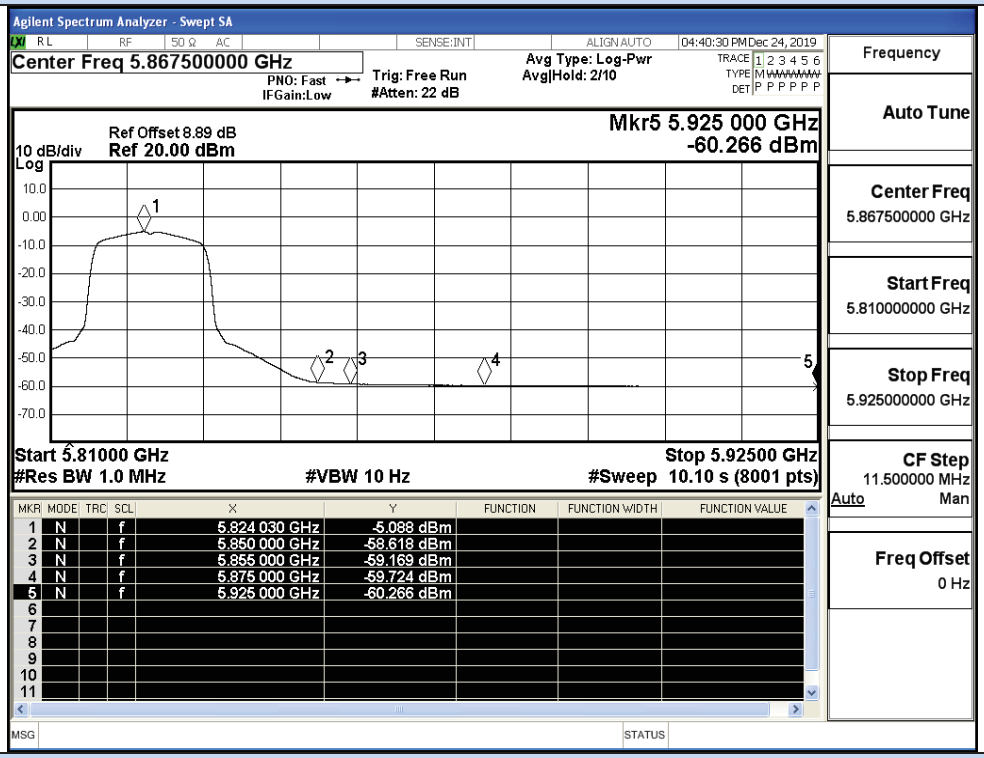


IEEE 802.11a / Channel 148 / 5745MHz / Average

Undesirable Emissions Measurement

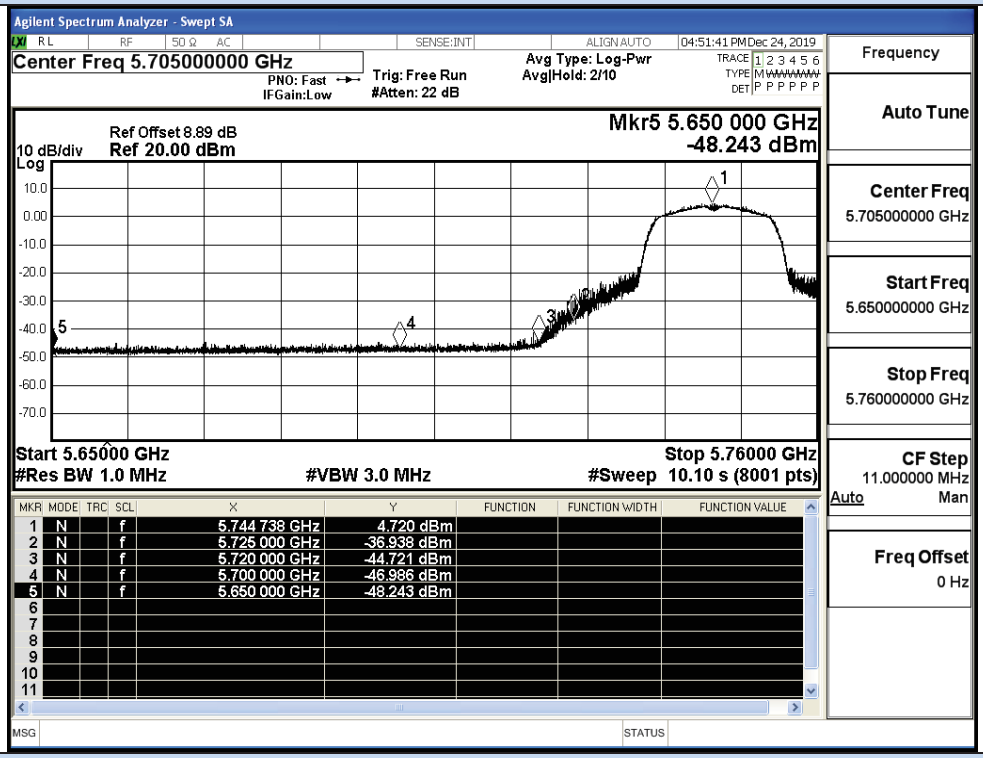


IEEE 802.11a / Channel 165 / 5825MHz / Peak

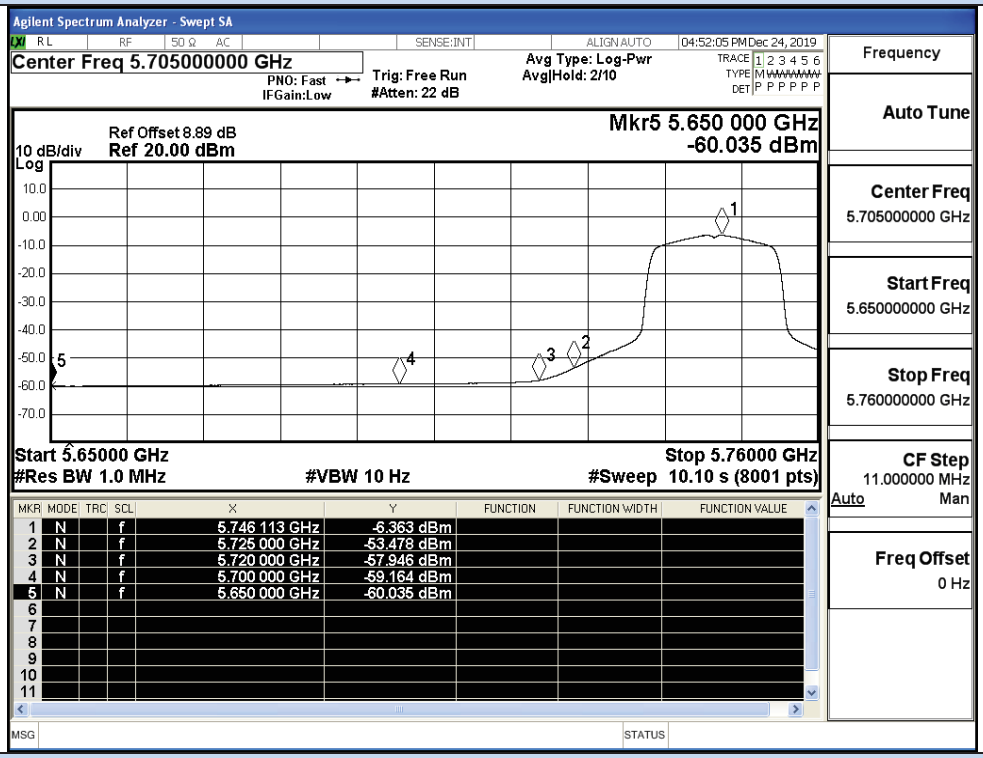


IEEE 802.11a / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

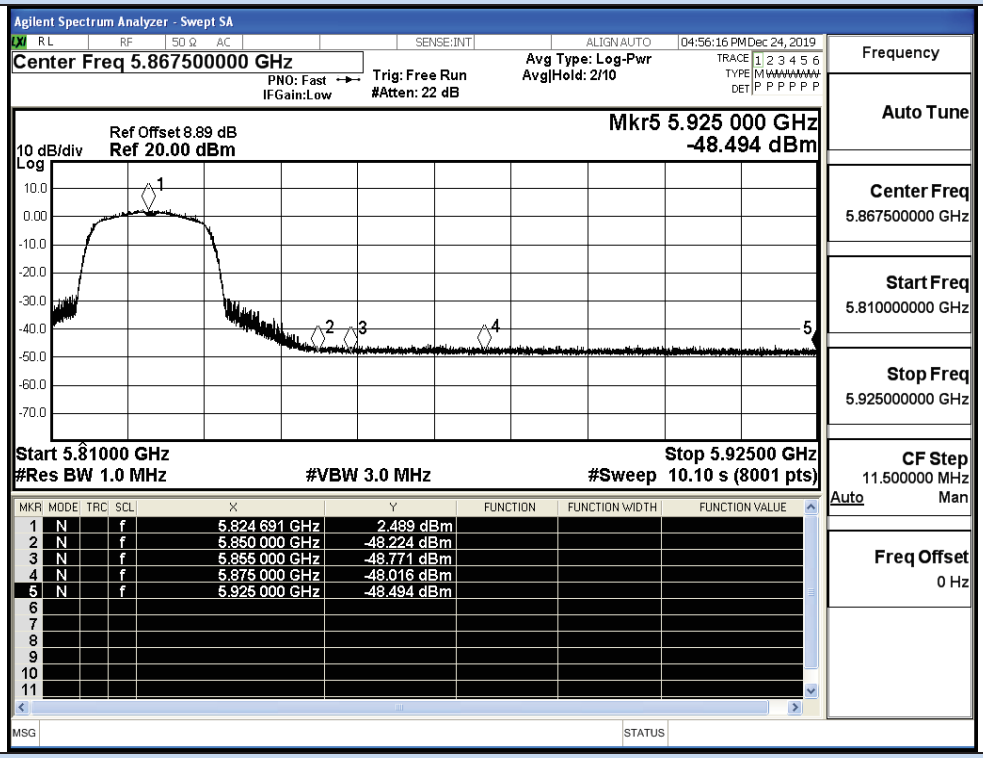


IEEE 802.11n20 / Channel 149 / 5745MHz / Peak

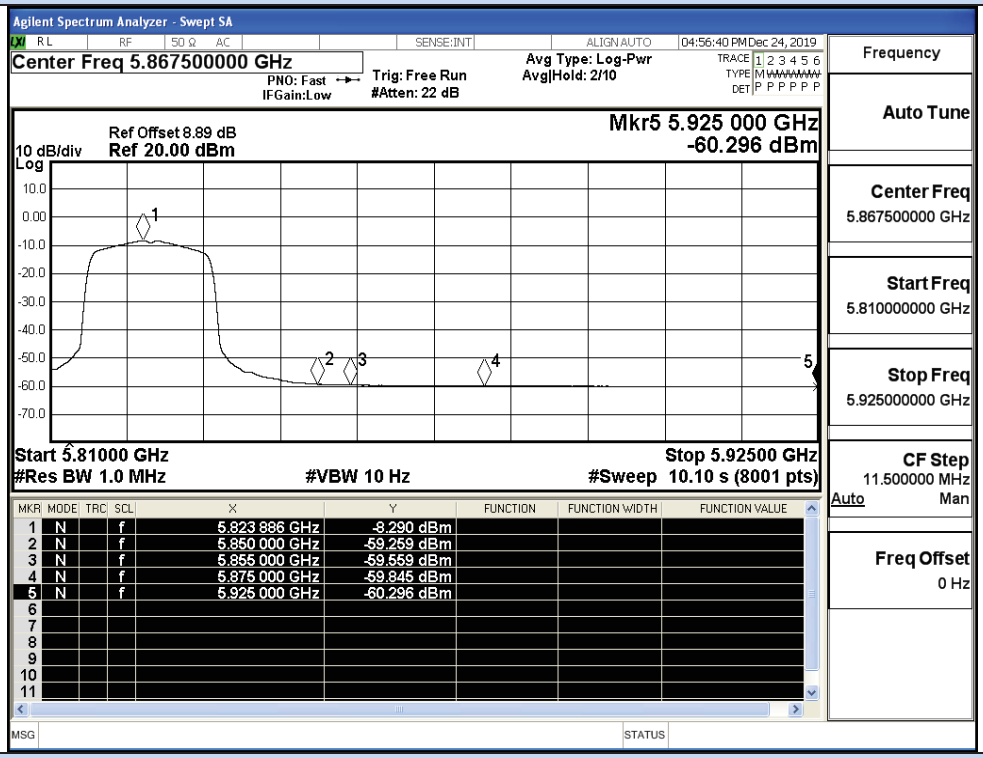


IEEE 802.11n20 / Channel 149 / 5745MHz / Average

Undesirable Emissions Measurement

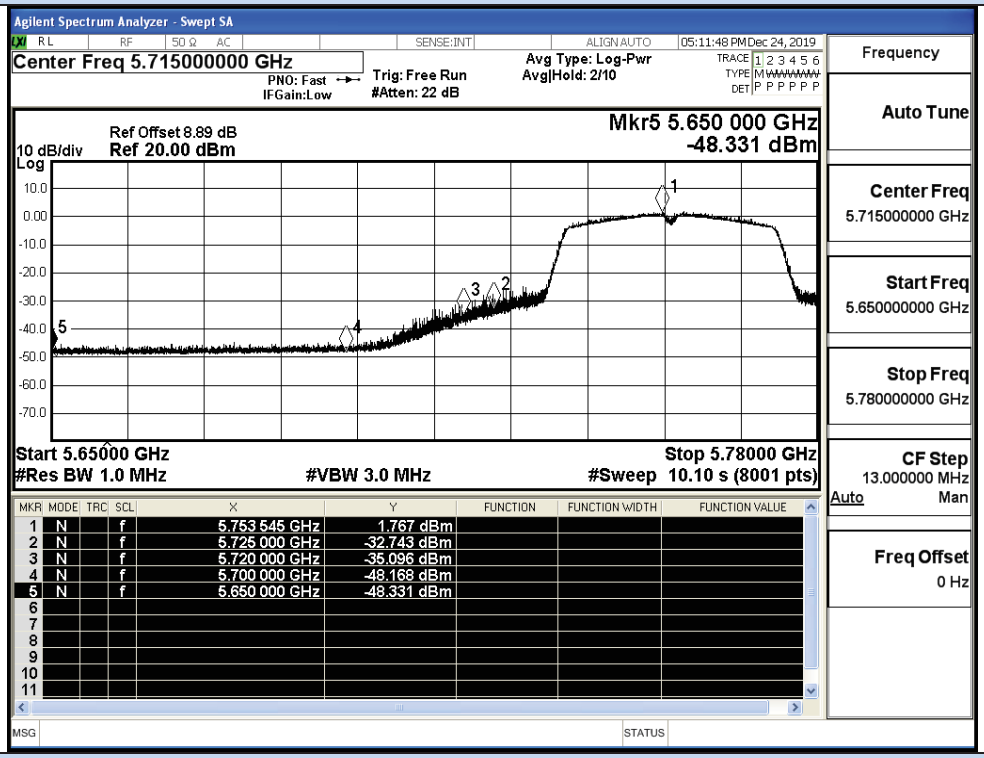


IEEE 802.11n20 / Channel 165 / 5825MHz / Peak

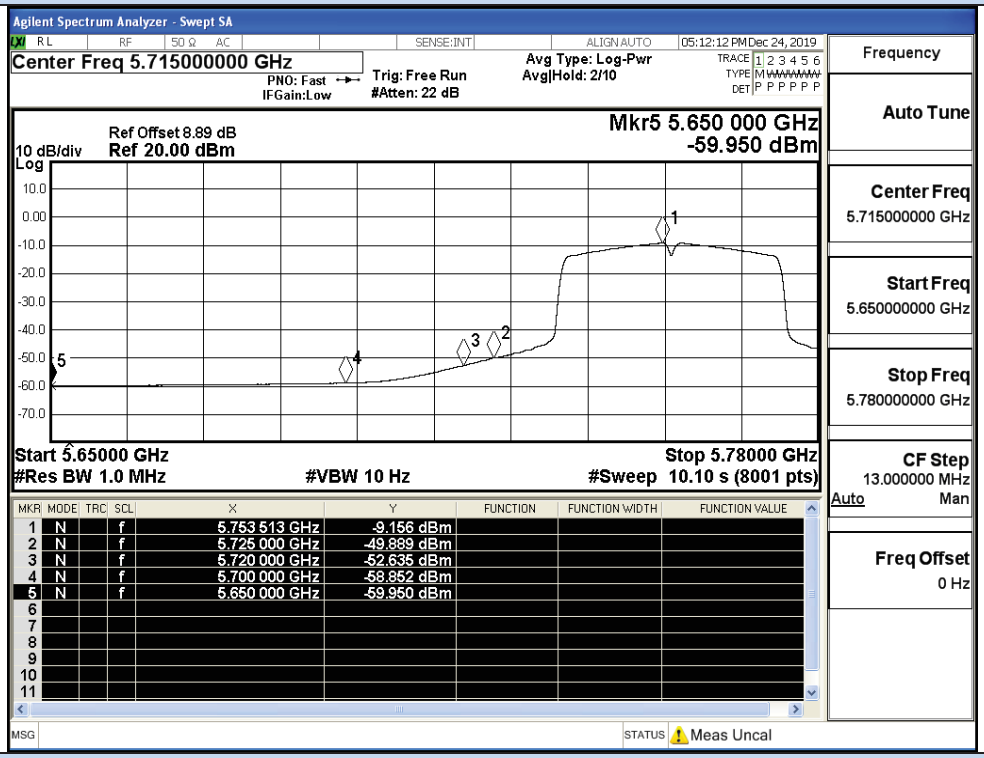


IEEE 802.11n20 / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

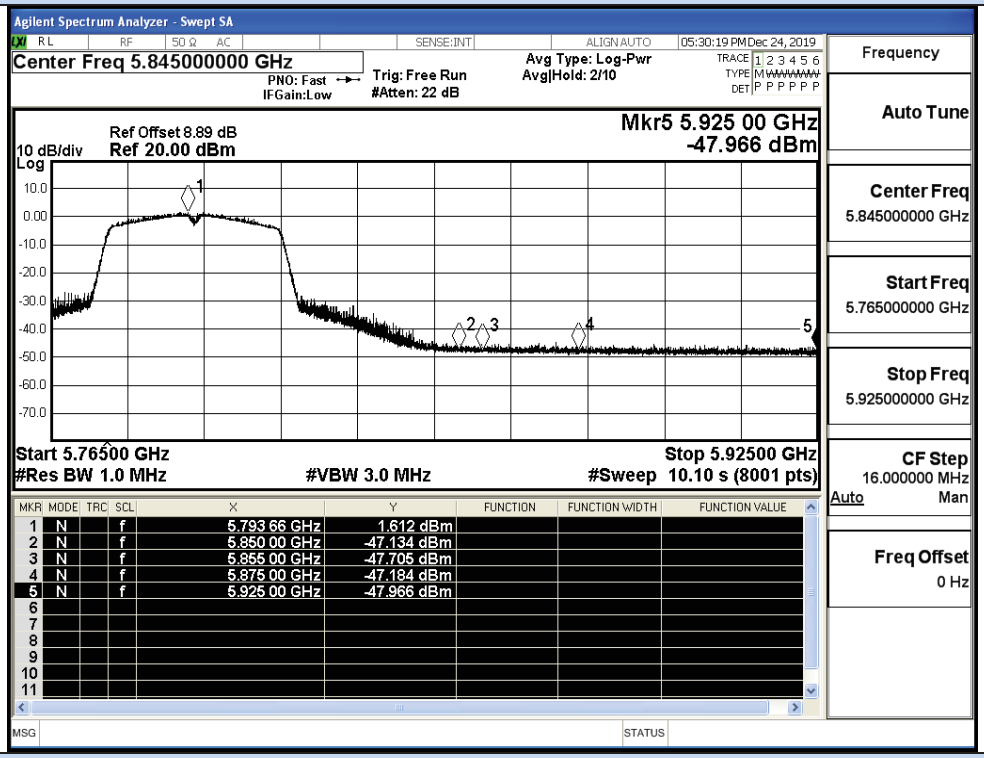


IEEE 802.11n40 / Channel 151 / 5755MHz / Peak

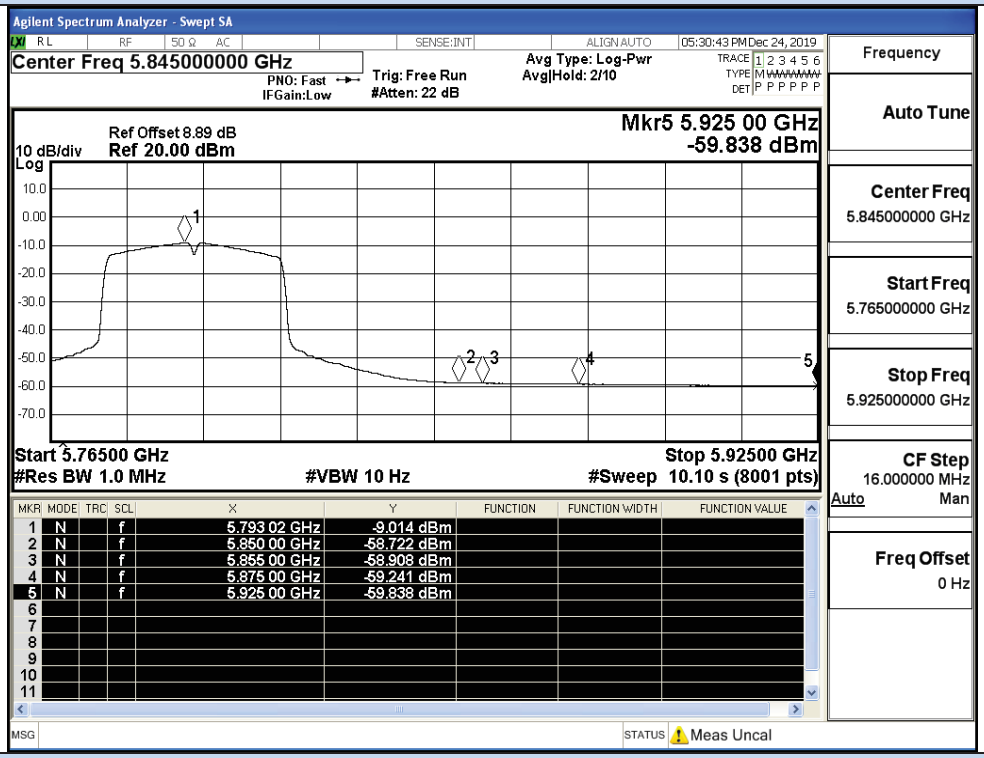


IEEE 802.11n40 / Channel 151 / 5755MHz / Average

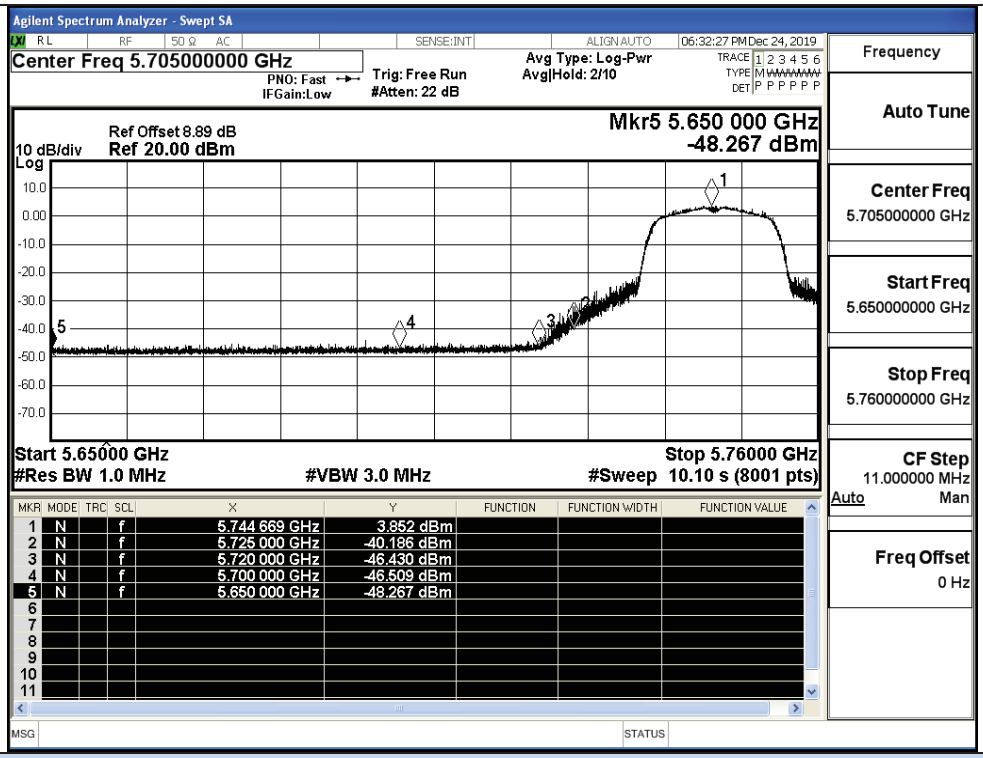
Undesirable Emissions Measurement



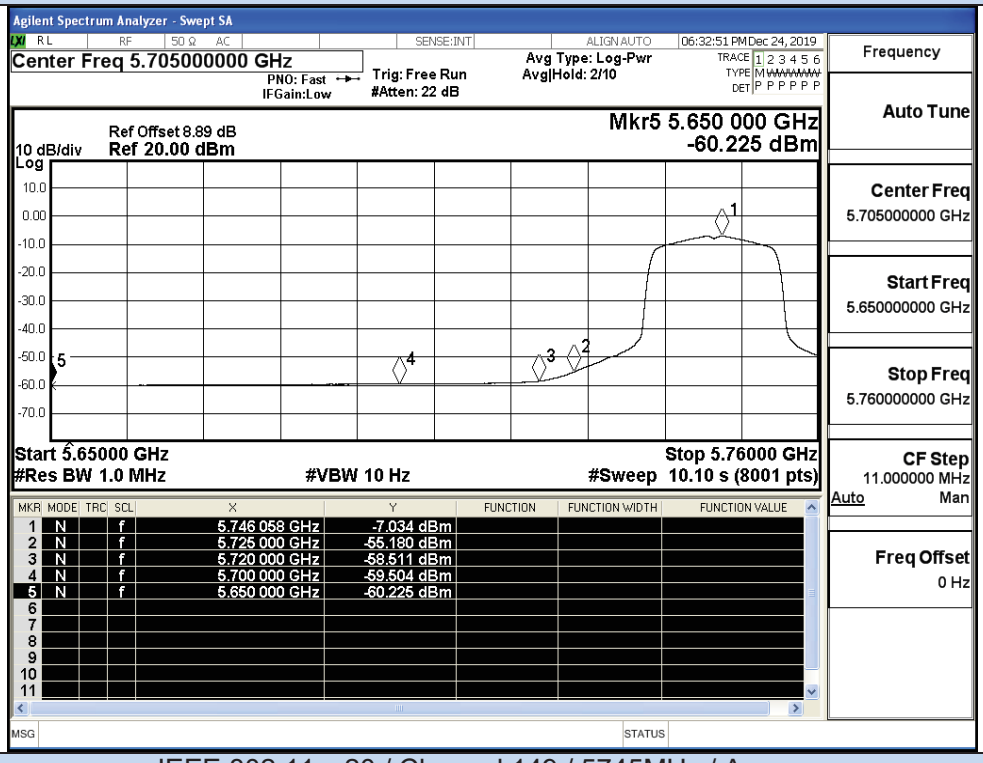
IEEE 802.11n40 / Channel 159 / 5795MHz / Peak



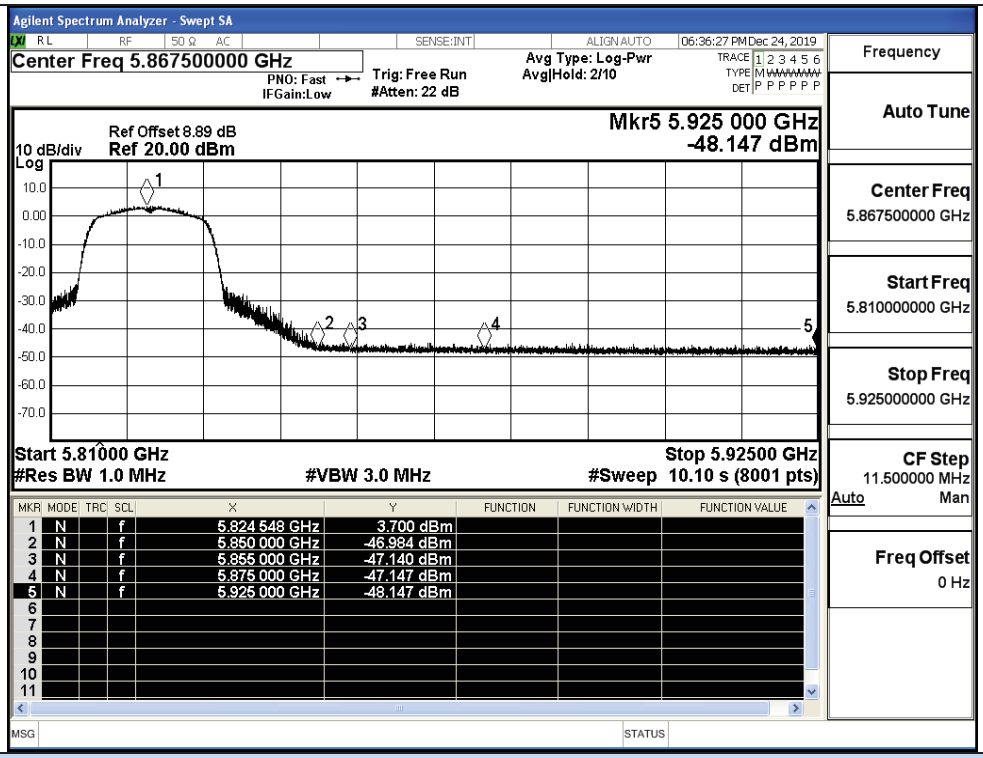
IEEE 802.11n40 / Channel 159 / 5795MHz / Average



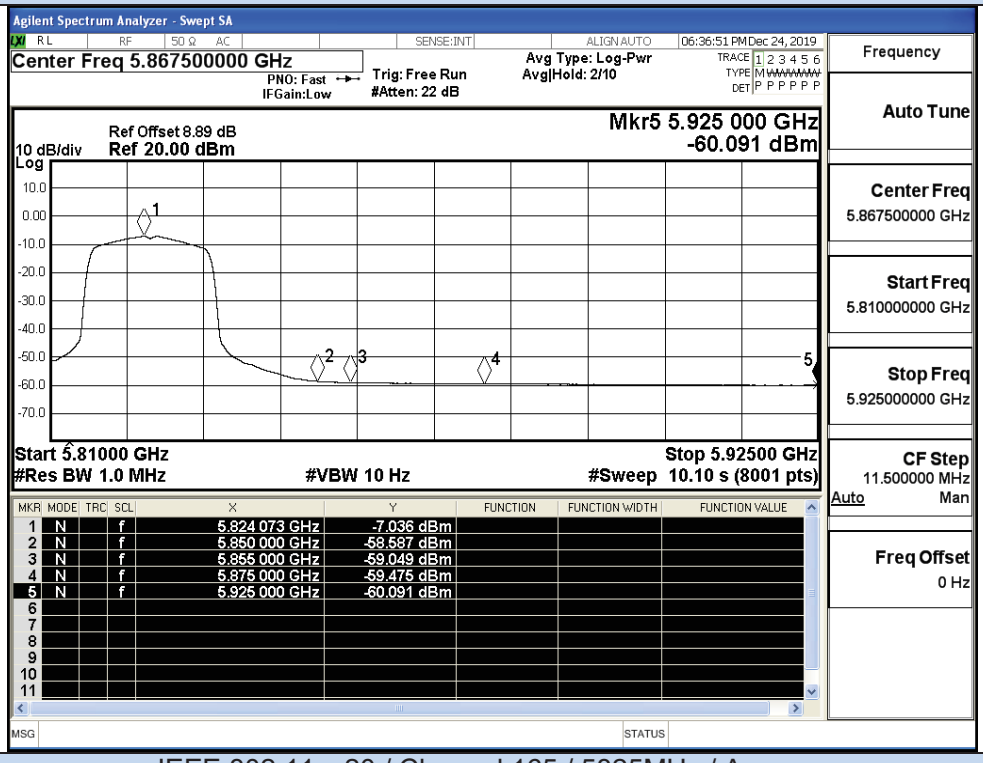
IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak



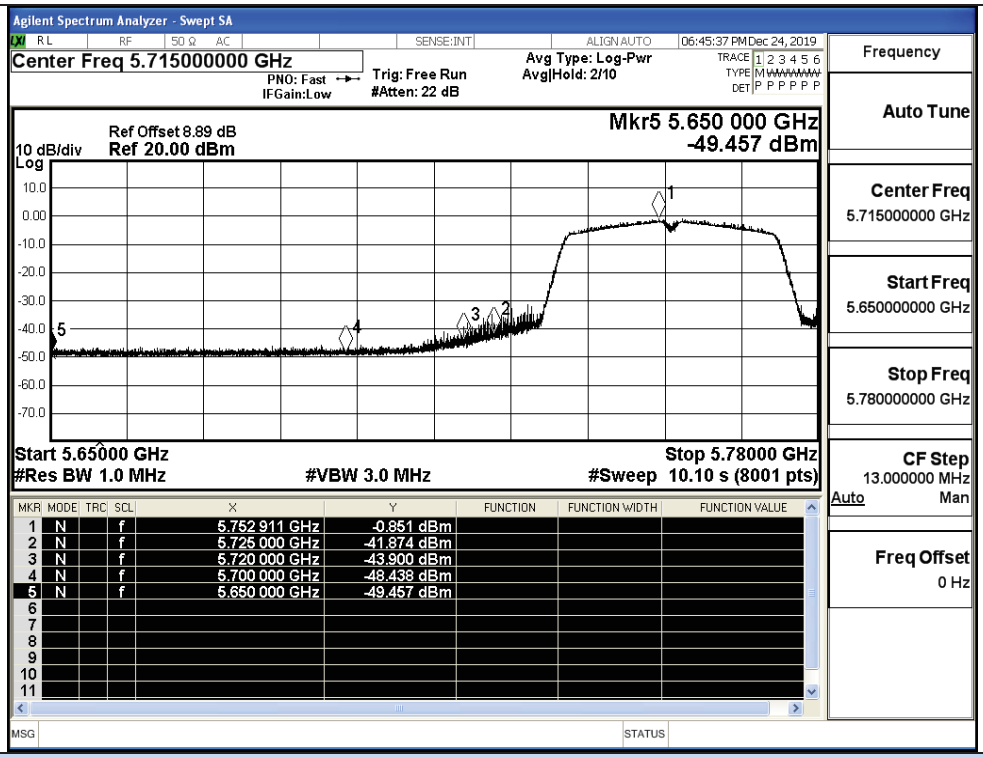
IEEE 802.11ac20 / Channel 149 / 5745MHz / Average



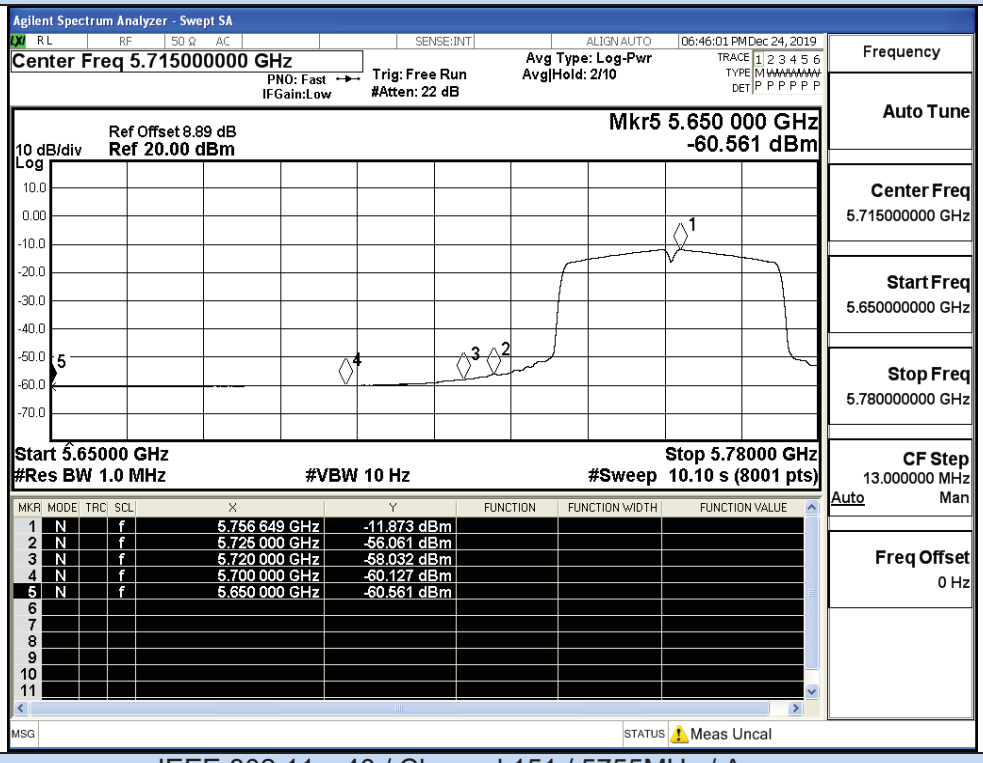
IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak



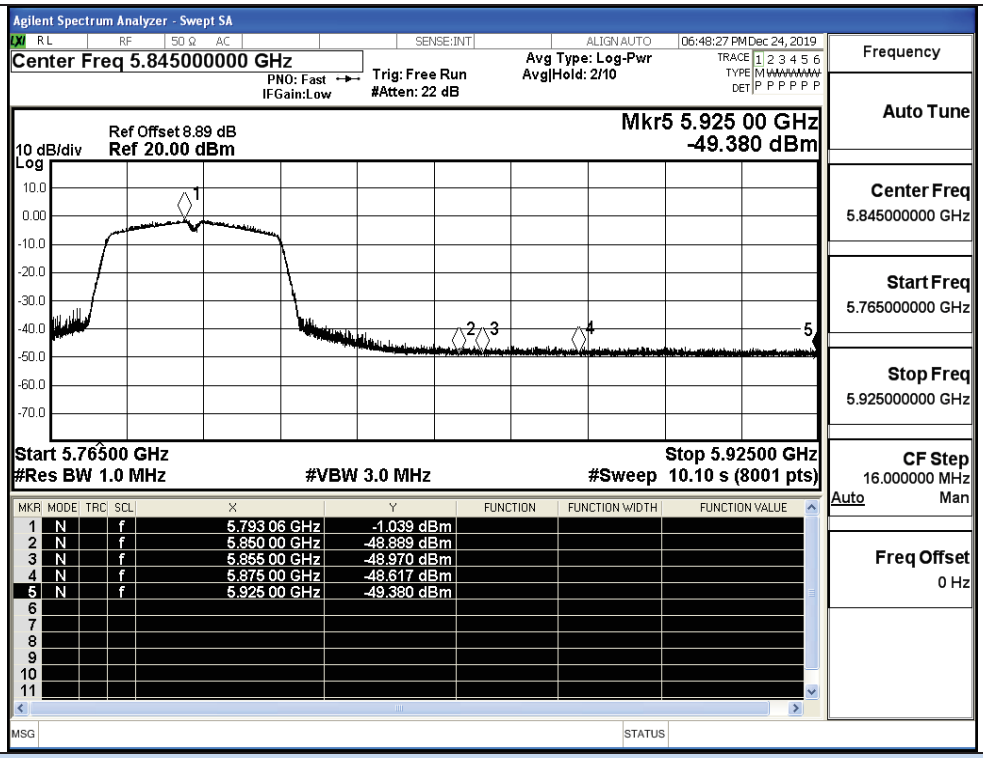
IEEE 802.11ac20 / Channel 165 / 5825MHz / Average



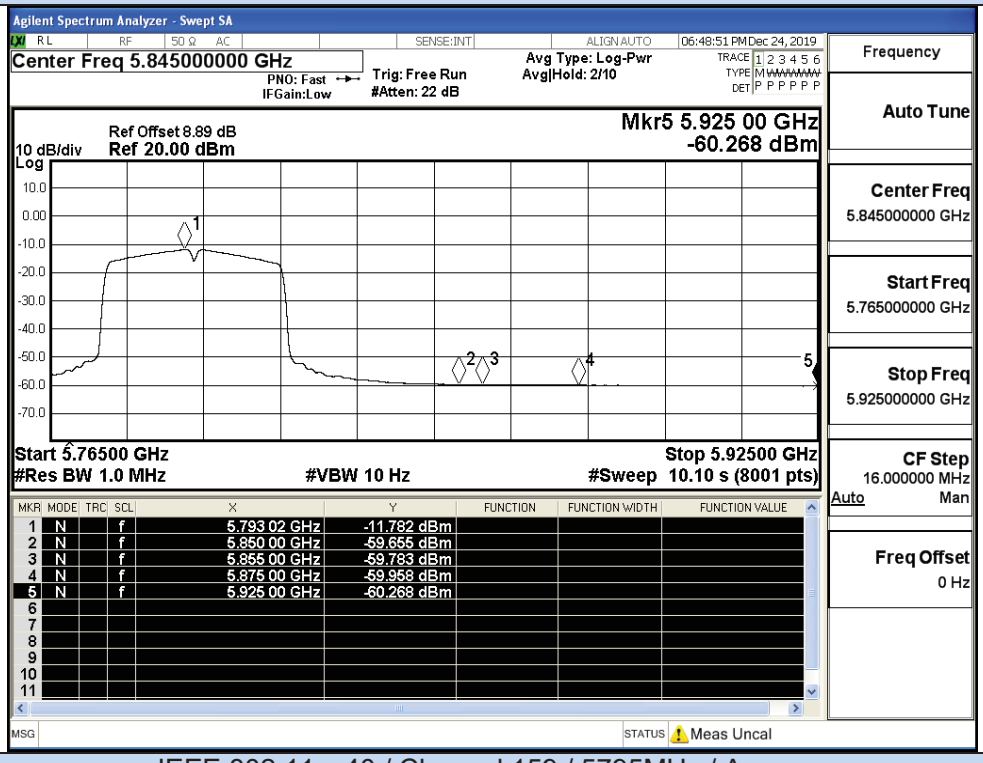
IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak



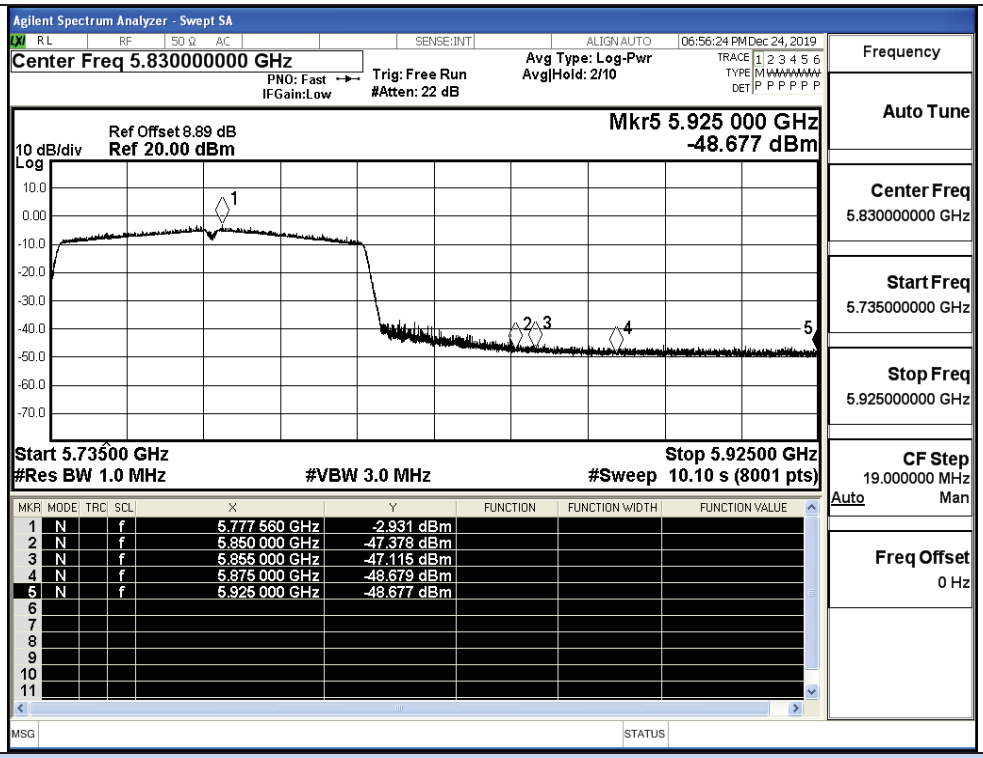
IEEE 802.11ac40 / Channel 151 / 5755MHz / Average



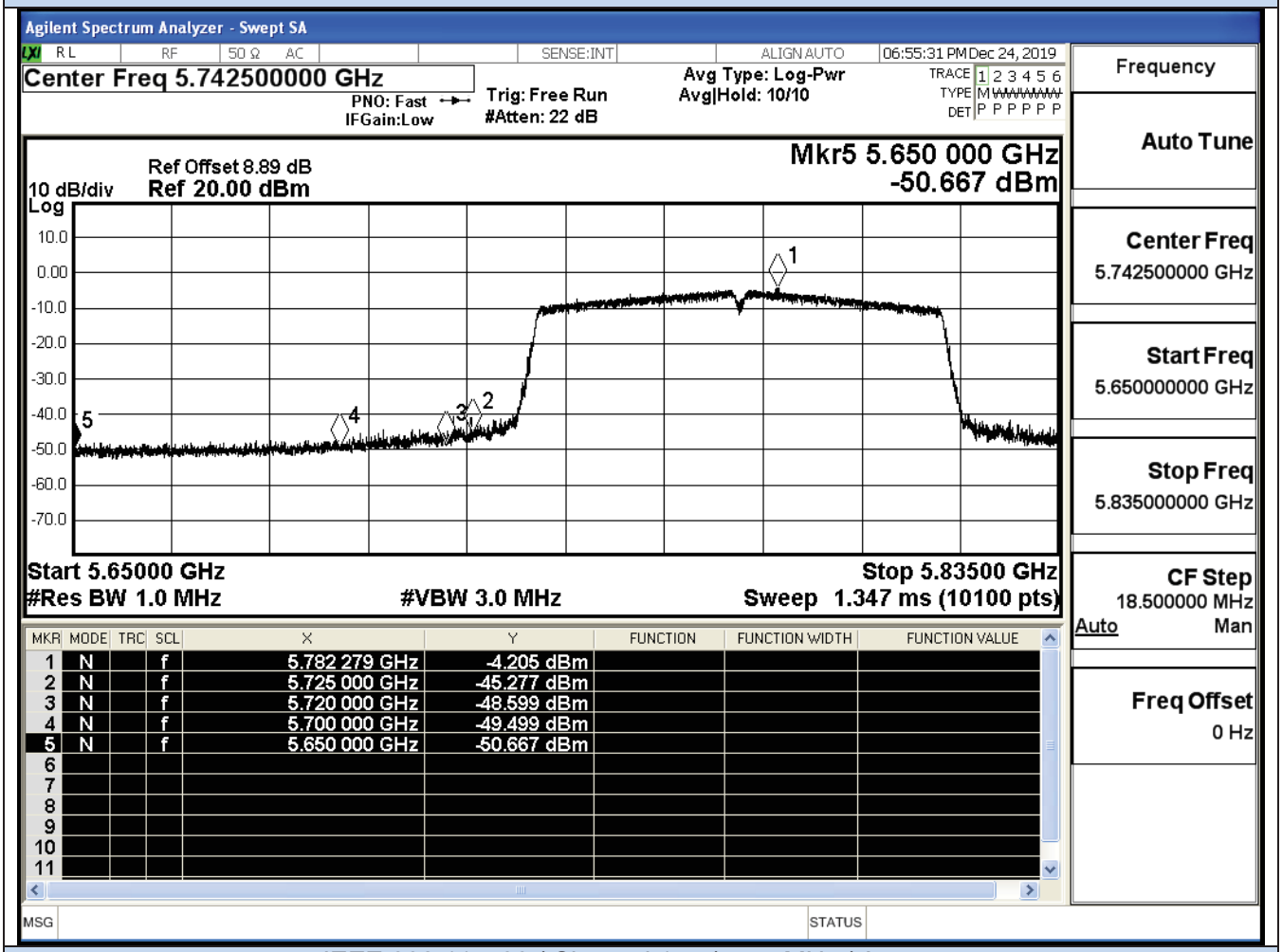
IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak



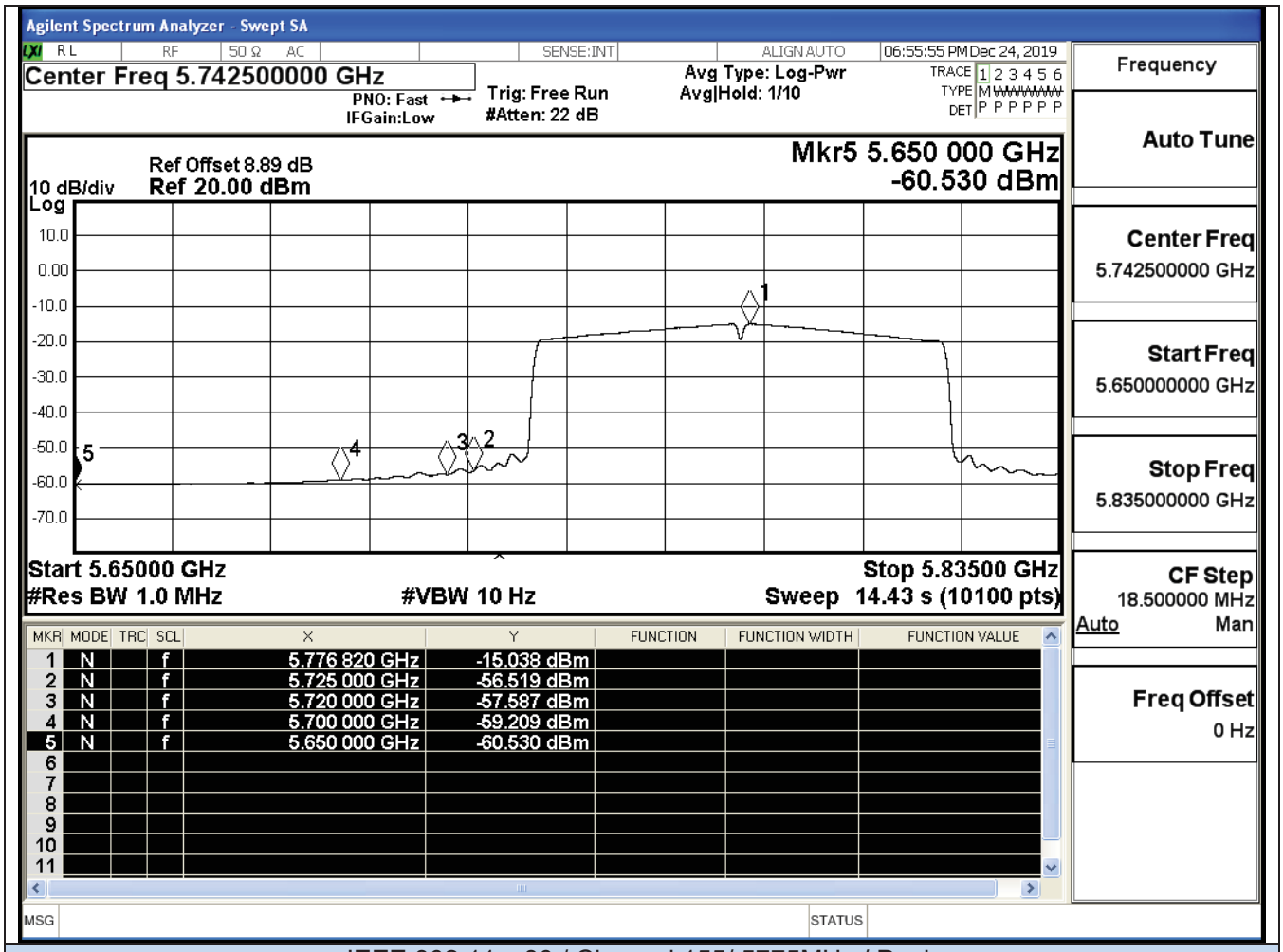
IEEE 802.11ac40 / Channel 159 / 5795MHz / Average



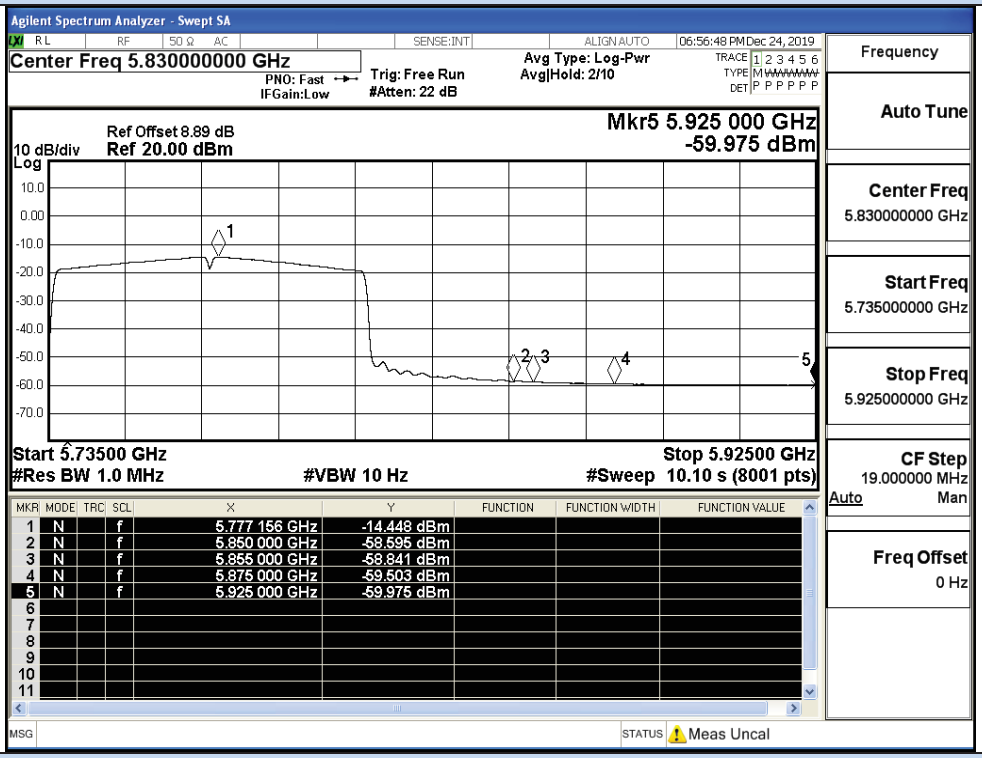
IEEE 802.11ac80 / Channel 155 / 5775MHz / Peak



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average



IEEE 802.11ac80 / Channel 155/ 5775MHz / Peak



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average

Ant0+1

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11N20 SISO	149	5650.0	-45.40	-0.37	-43.40	Peak	-27.0	Pass
		5650.0	-57.03	-0.37	-55.03	Average	-27.0	Pass
		5700.0	-44.18	-0.37	-42.18	Peak	10	Pass
		5700.0	-54.98	-0.37	-52.98	Average	10	Pass
		5720.0	-42.19	-0.37	-40.19	Peak	15.6	Pass
		5720.0	-56.15	-0.37	-54.15	Average	15.6	Pass
		5725.0	-31.88	-0.37	-29.88	Peak	27.0	Pass
		5725.0	-50.70	-0.37	-48.70	Average	27.0	Pass
	165	5850.0	-43.97	-0.37	-41.97	Peak	27.0	Pass
		5850.0	-55.74	-0.37	-53.74	Average	27.0	Pass
		5855.0	-44.24	-0.37	-42.24	Peak	15.6	Pass
		5855.0	-56.22	-0.37	-54.22	Average	15.6	Pass
		5875.0	-45.00	-0.37	-43.00	Peak	10	Pass
		5875.0	-56.59	-0.37	-54.59	Average	10	Pass
		5925.0	-45.46	-0.37	-43.46	Peak	-27.0	Pass
		5925.0	-57.13	-0.37	-55.13	Average	-27.0	Pass

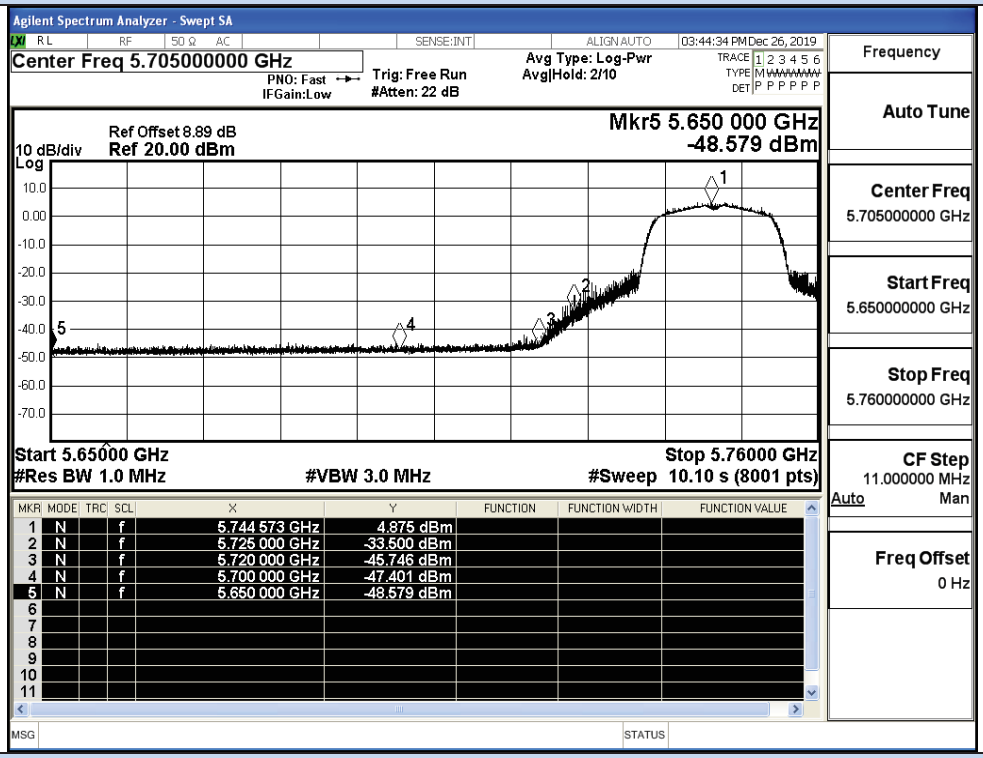
Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11N40 SISO	151	5650.0	-44.68	-0.37	-42.68	Peak	-27.0	Pass
		5650.0	-56.93	-0.37	-54.93	Average	-27.0	Pass
		5700.0	-44.35	-0.37	-42.35	Peak	10	Pass
		5700.0	-55.86	-0.37	-53.86	Average	10	Pass
		5720.0	-33.45	-0.37	-31.45	Peak	15.6	Pass
		5720.0	-49.91	-0.37	-47.91	Average	15.6	Pass
		5725.0	-30.19	-0.37	-28.19	Peak	27.0	Pass
		5725.0	-47.15	-0.37	-45.15	Average	27.0	Pass
	159	5850.0	-44.47	-0.37	-42.47	Peak	27.0	Pass
		5850.0	-55.65	-0.37	-53.65	Average	27.0	Pass
		5855.0	-45.03	-0.37	-43.03	Peak	15.6	Pass
		5855.0	-55.83	-0.37	-53.83	Average	15.6	Pass
		5875.0	-44.67	-0.37	-42.67	Peak	10	Pass
		5875.0	-56.17	-0.37	-54.17	Average	10	Pass
		5925.0	-45.54	-0.37	-43.54	Peak	-27.0	Pass
		5925.0	-56.82	-0.37	-54.82	Average	-27.0	Pass
11AC20 SISO	149	5650.0	-45.11	-0.37	-43.11	Peak	-27.0	Pass
		5650.0	-57.14	-0.37	-55.14	Average	-27.0	Pass
		5700.0	-43.65	-0.37	-41.65	Peak	10	Pass
		5700.0	-55.25	-0.37	-53.25	Average	10	Pass
		5720.0	-43.41	-0.37	-41.41	Peak	15.6	Pass
		5720.0	-56.30	-0.37	-54.30	Average	15.6	Pass
		5725.0	-34.53	-0.37	-32.53	Peak	27.0	Pass
		5725.0	-51.48	-0.37	-49.48	Average	27.0	Pass
	165	5850.0	-43.97	-0.37	-41.97	Peak	27.0	Pass
		5850.0	-55.44	-0.37	-53.44	Average	27.0	Pass
		5855.0	-44.06	-0.37	-42.06	Peak	15.6	Pass
		5855.0	-55.97	-0.37	-53.97	Average	15.6	Pass
		5875.0	-44.58	-0.37	-42.58	Peak	10	Pass
		5875.0	-56.43	-0.37	-54.43	Average	10	Pass
		5925.0	-45.09	-0.37	-43.09	Peak	-27.0	Pass
		5925.0	-57.04	-0.37	-55.04	Average	-27.0	Pass
11AC40 SISO	151	5650.0	-45.49	-0.37	-43.49	Peak	-27.0	Pass
		5650.0	-57.22	-0.37	-55.22	Average	-27.0	Pass
		5700.0	-44.78	-0.37	-42.78	Peak	10	Pass
		5700.0	-56.43	-0.37	-54.43	Average	10	Pass
		5720.0	-33.08	-0.37	-31.08	Peak	15.6	Pass
		5720.0	-51.66	-0.37	-49.66	Average	15.6	Pass
		5725.0	-33.05	-0.37	-31.05	Peak	27.0	Pass

		5725.0	-49.06	-0.37	-47.06	Average	27.0	Pass
	159	5850.0	-44.79	-0.37	-42.79	Peak	27.0	Pass
		5850.0	-56.05	-0.37	-54.05	Average	27.0	Pass
		5855.0	-43.79	-0.37	-41.79	Peak	15.6	Pass
		5855.0	-56.18	-0.37	-54.18	Average	15.6	Pass
		5875.0	-45.28	-0.37	-43.28	Peak	10	Pass
		5875.0	-56.46	-0.37	-54.46	Average	10	Pass
		5925.0	-45.92	-0.37	-43.92	Peak	-27.0	Pass
		5925.0	-56.99	-0.37	-54.99	Average	-27.0	Pass
11AC80 SISO	155	5725.0	-40.21	-0.37	-38.21	Peak	27.0	Pass
		5720.0	-42.55	-0.37	-40.55	Peak	15.6	Pass
		5700.0	-44.68	-0.37	-42.68	Peak	10	Pass
		5650.0	-45.61	-0.37	-43.61	Peak	-27.0	Pass
		5725.0	-53.50	-0.37	-51.50	Average	27.0	Pass
		5720.0	-54.19	-0.37	-52.19	Average	15.6	Pass
		5700.0	-55.94	-0.37	-53.94	Average	10	Pass
		5650.0	-56.75	-0.37	-54.75	Average	-27.0	Pass
		5850.0	-40.21	-0.37	-38.21	Peak	27.0	Pass
		5855.0	-42.55	-0.37	-40.55	Peak	15.6	Pass
		5875.0	-44.68	-0.37	-42.68	Peak	10	Pass
		5925.0	-45.61	-0.37	-43.61	Peak	-27.0	Pass
		5850.0	-53.50	-0.37	-51.50	Average	27.0	Pass
		5855.0	-54.19	-0.37	-52.19	Average	15.6	Pass
		5875.0	-55.94	-0.37	-53.94	Average	10	Pass
		5925.0	-56.75	-0.37	-54.75	Average	-27.0	Pass

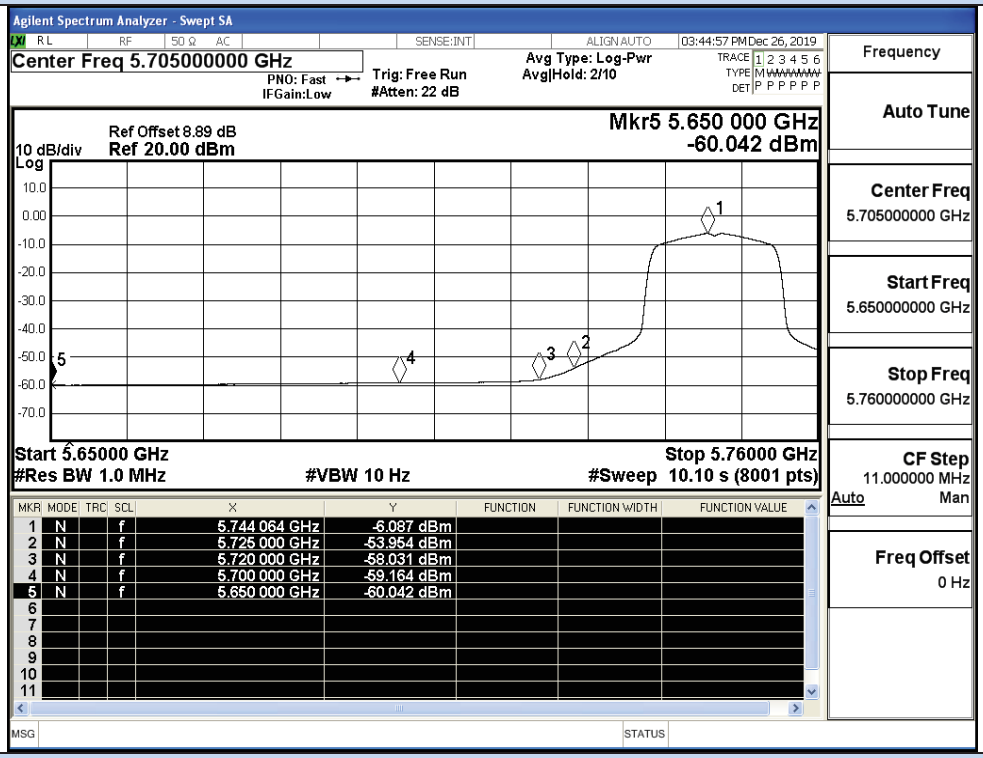
EIRP(dBm/MHz)= Conducted Power (dBm) + Antenna Gain (dBi)

The upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands or 2 dBi, whichever is greater

Undesirable Emissions Measurement

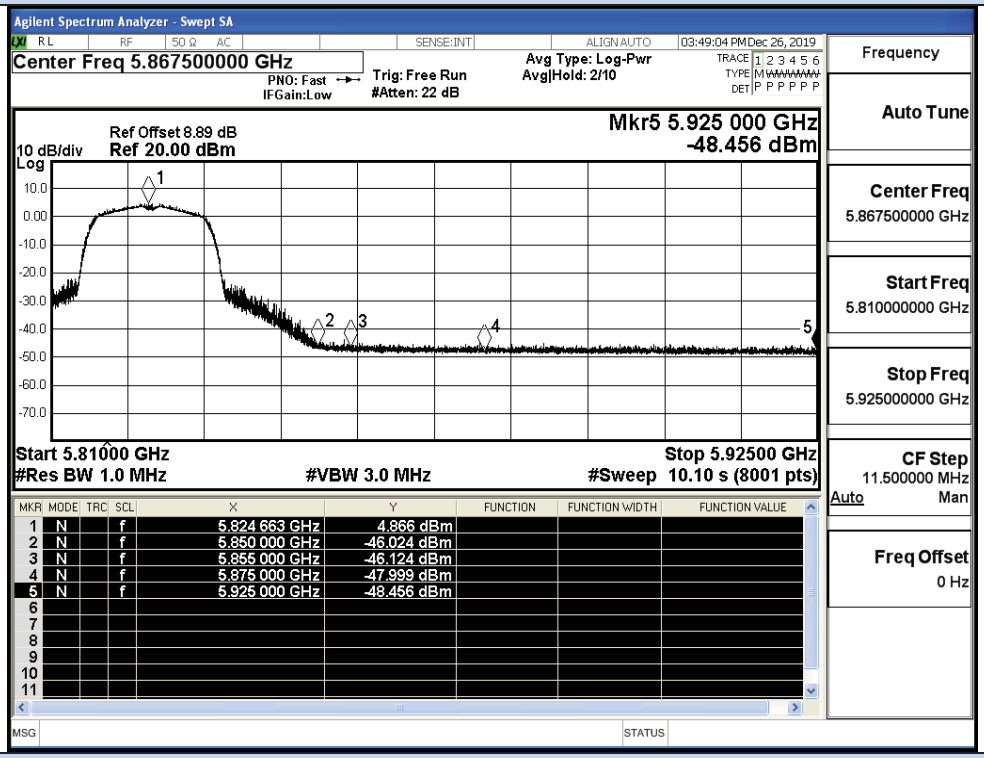


IEEE 802.11n20 / Channel 149 / 5745MHz / Peak

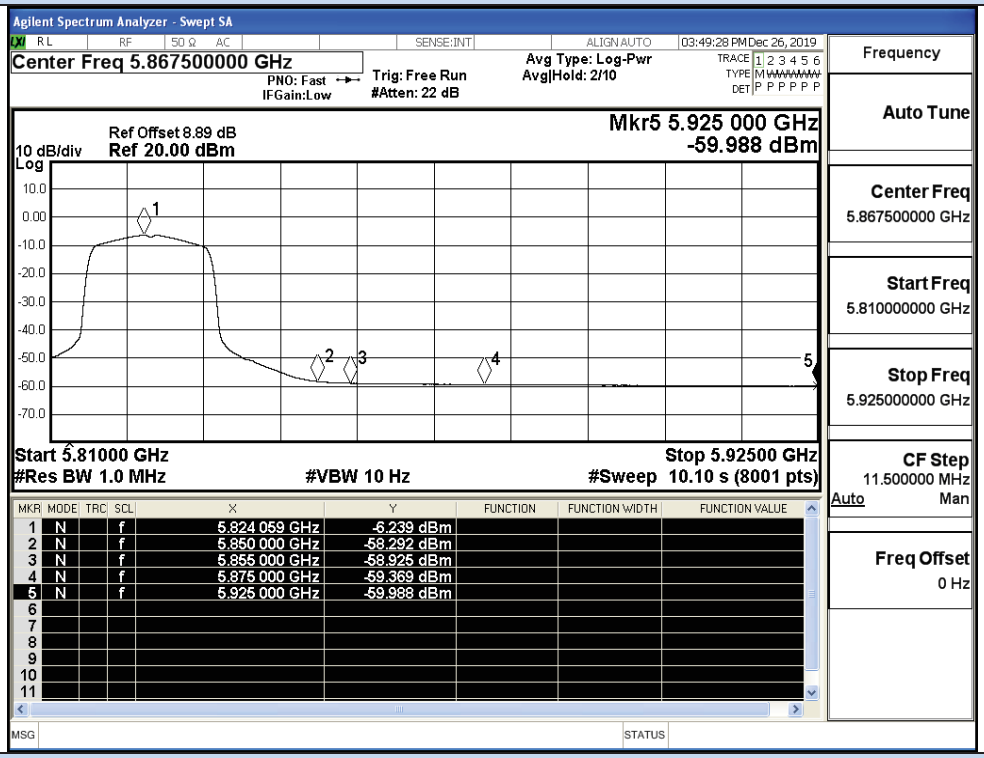


IEEE 802.11n20 / Channel 149 / 5745MHz / Average

Undesirable Emissions Measurement

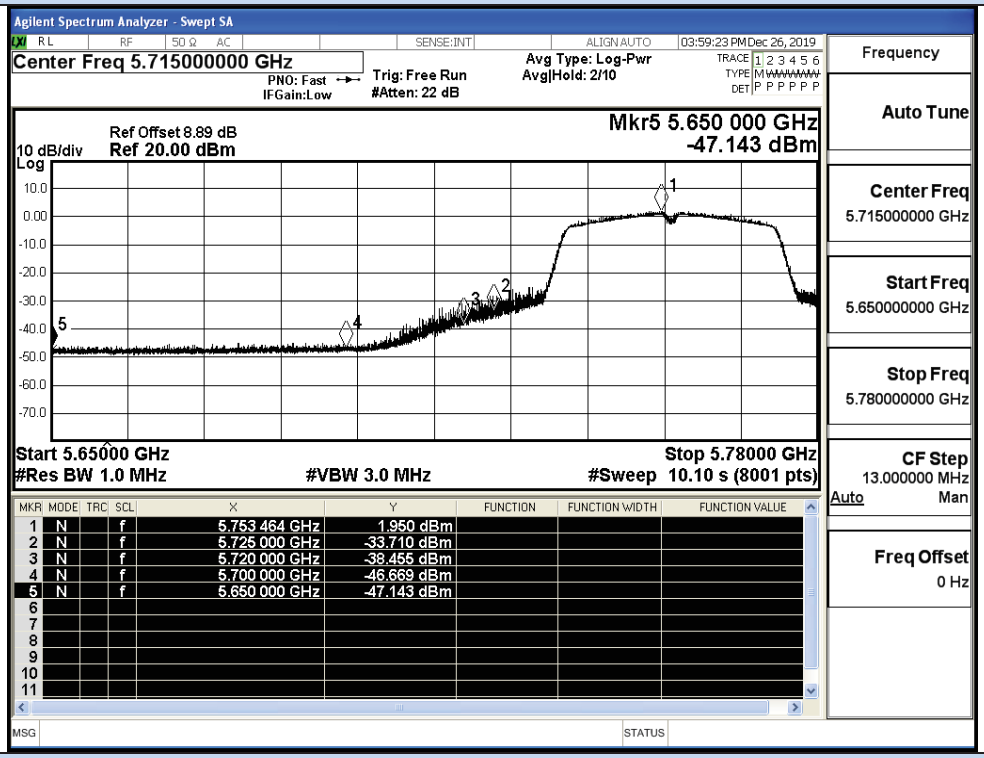


IEEE 802.11n20 / Channel 165 / 5825MHz / Peak

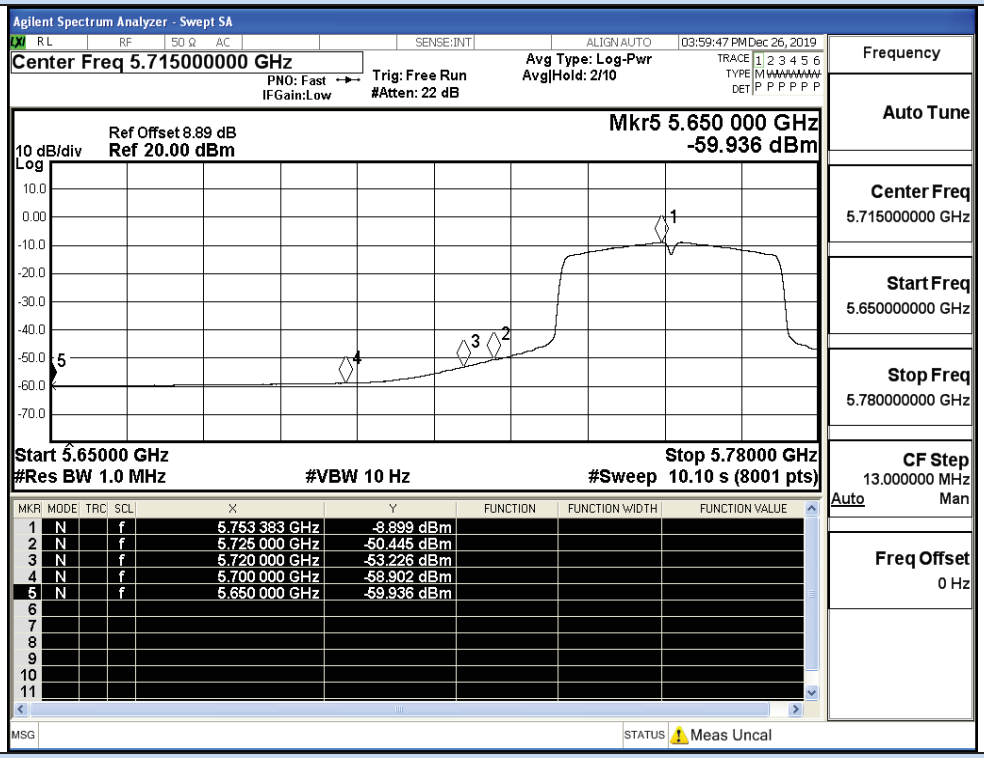


IEEE 802.11n20 / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

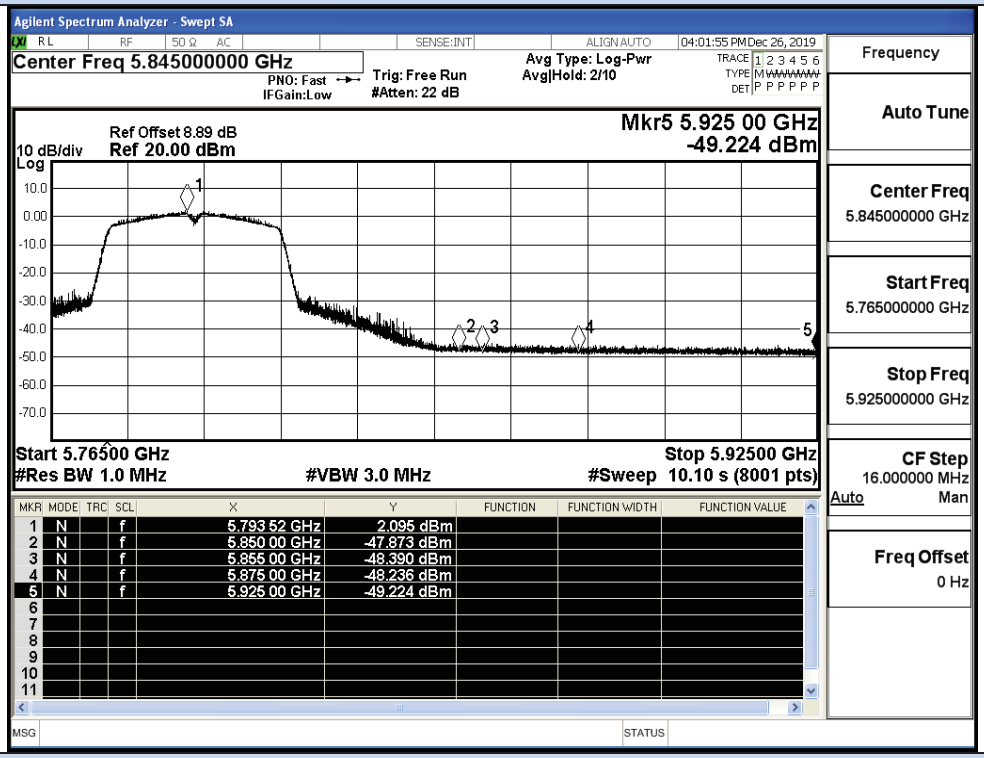


IEEE 802.11n40 / Channel 151 / 5755MHz / Peak

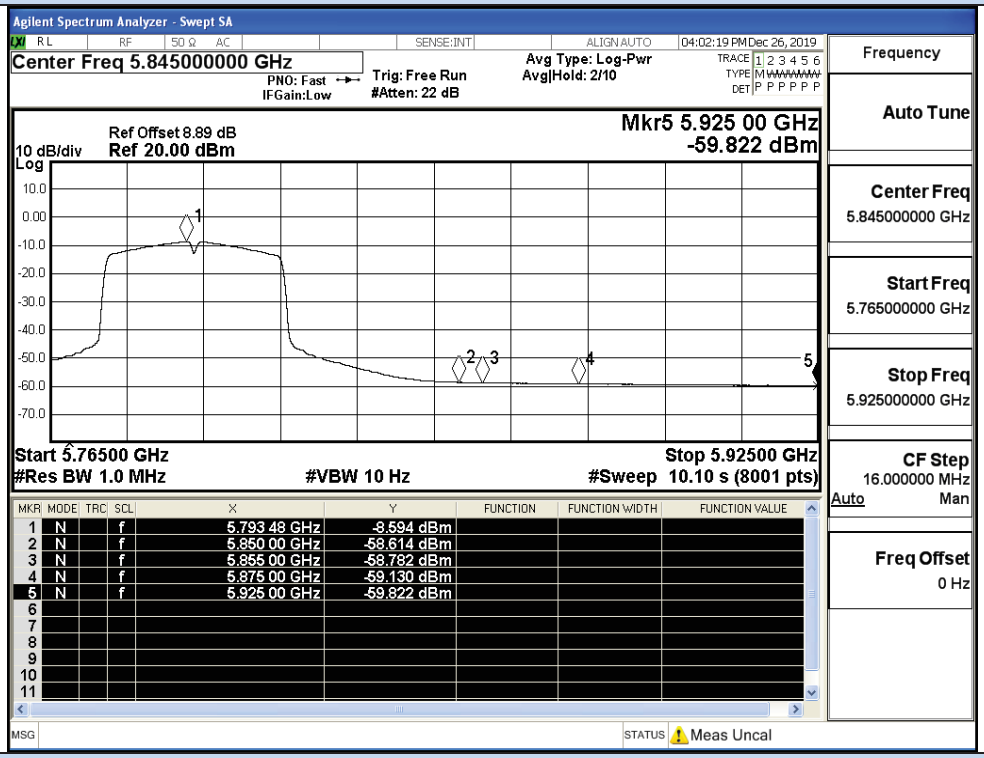


IEEE 802.11n40 / Channel 151 / 5755MHz / Average

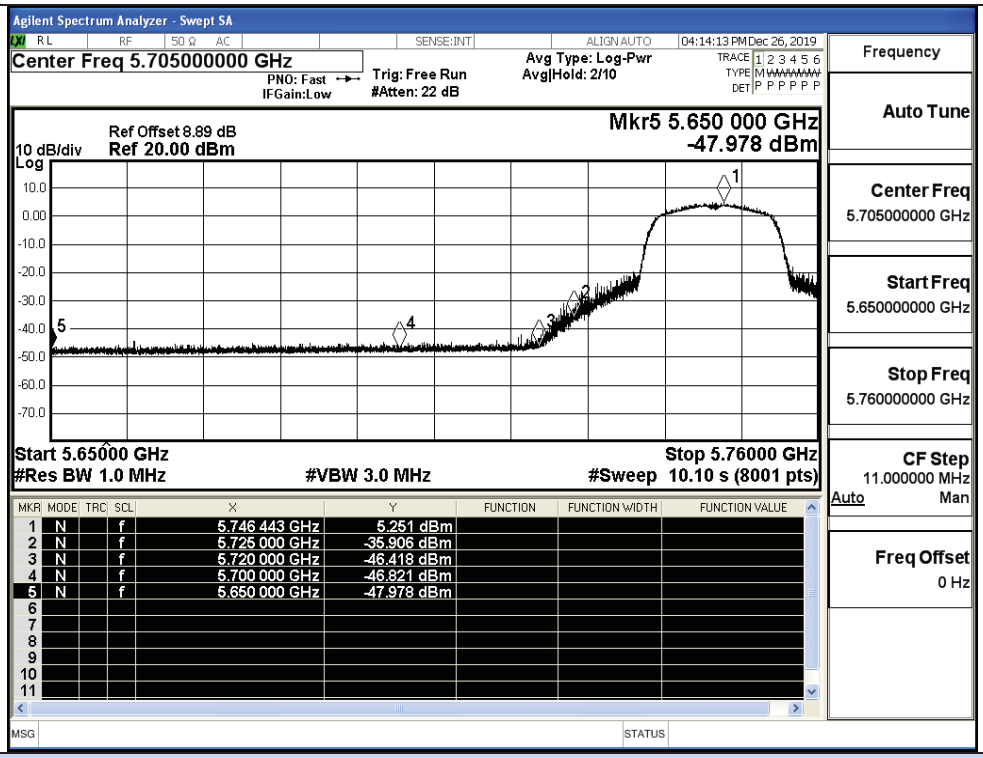
Undesirable Emissions Measurement



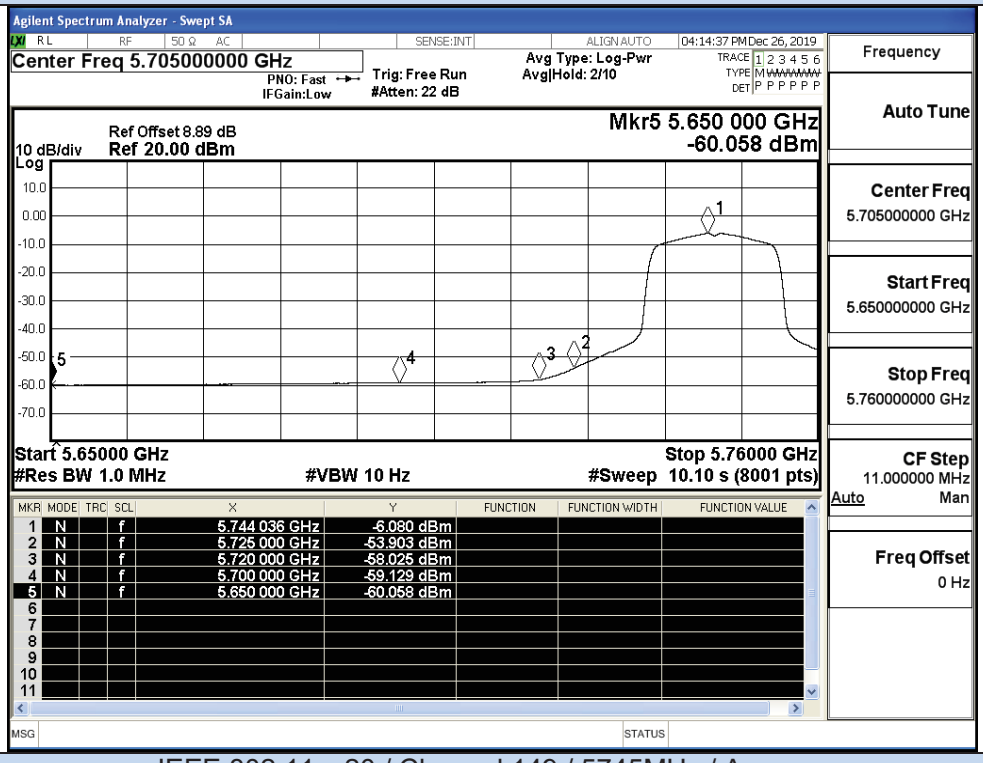
IEEE 802.11n40 / Channel 159 / 5795MHz / Peak



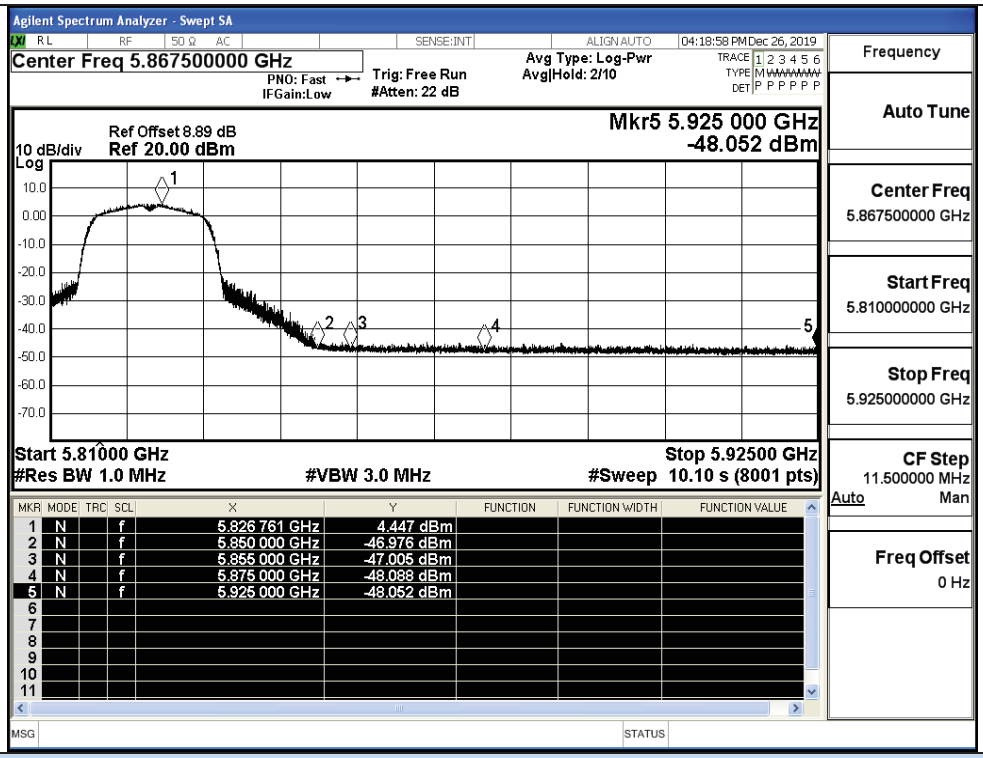
IEEE 802.11n40 / Channel 159 / 5795MHz / Average



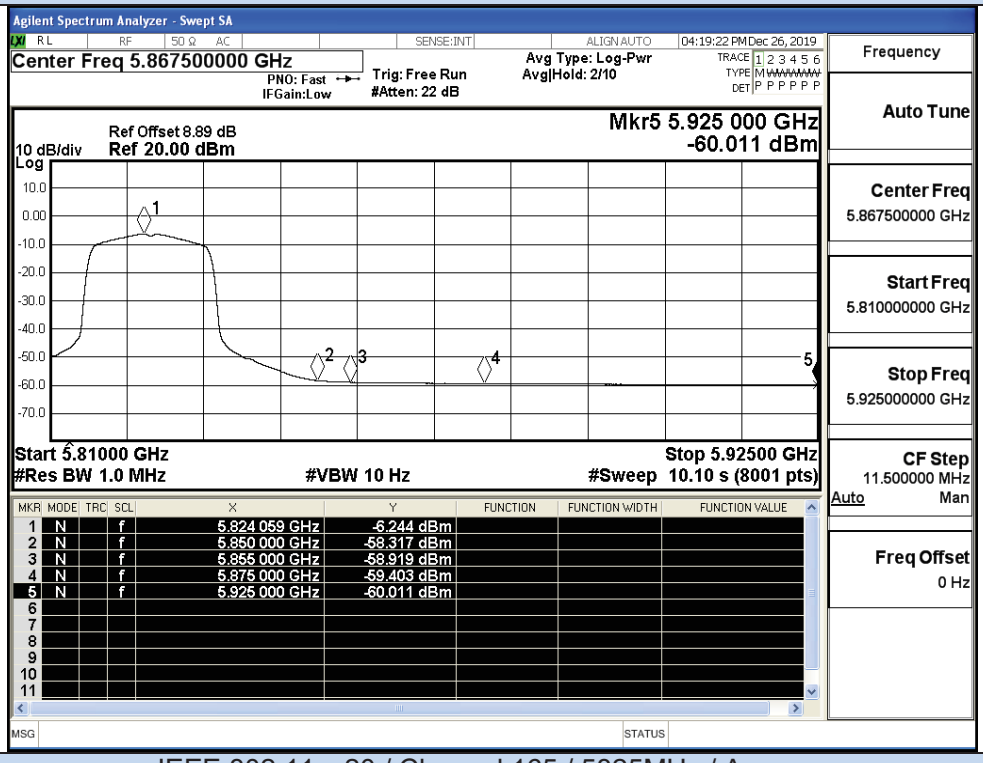
IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak



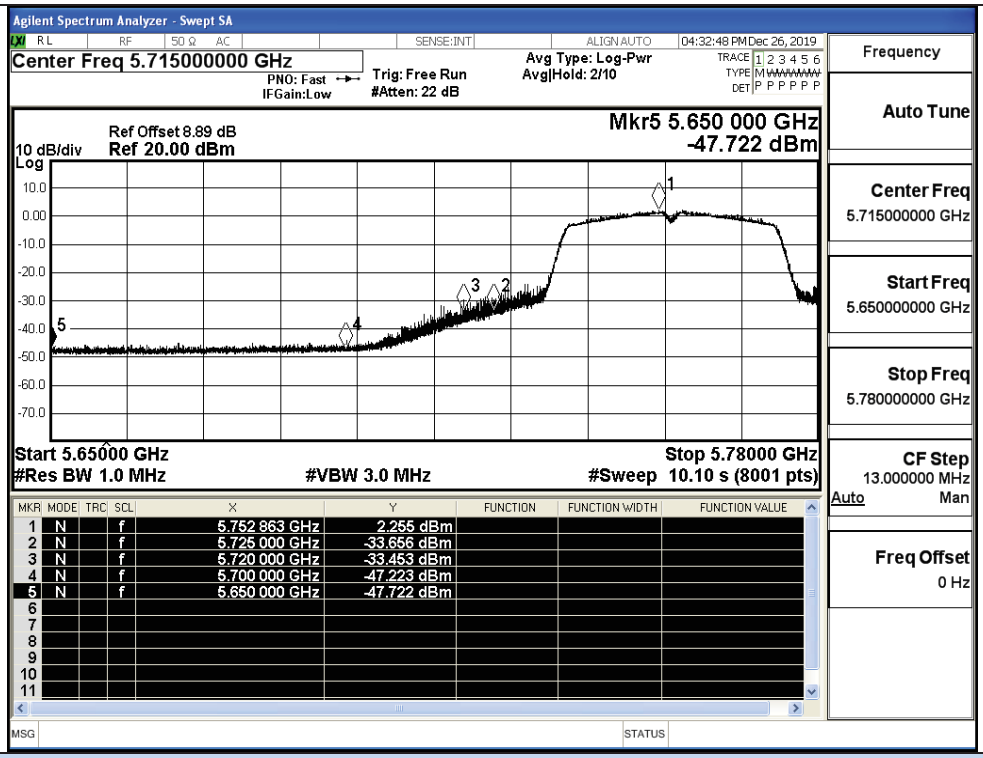
IEEE 802.11ac20 / Channel 149 / 5745MHz / Average



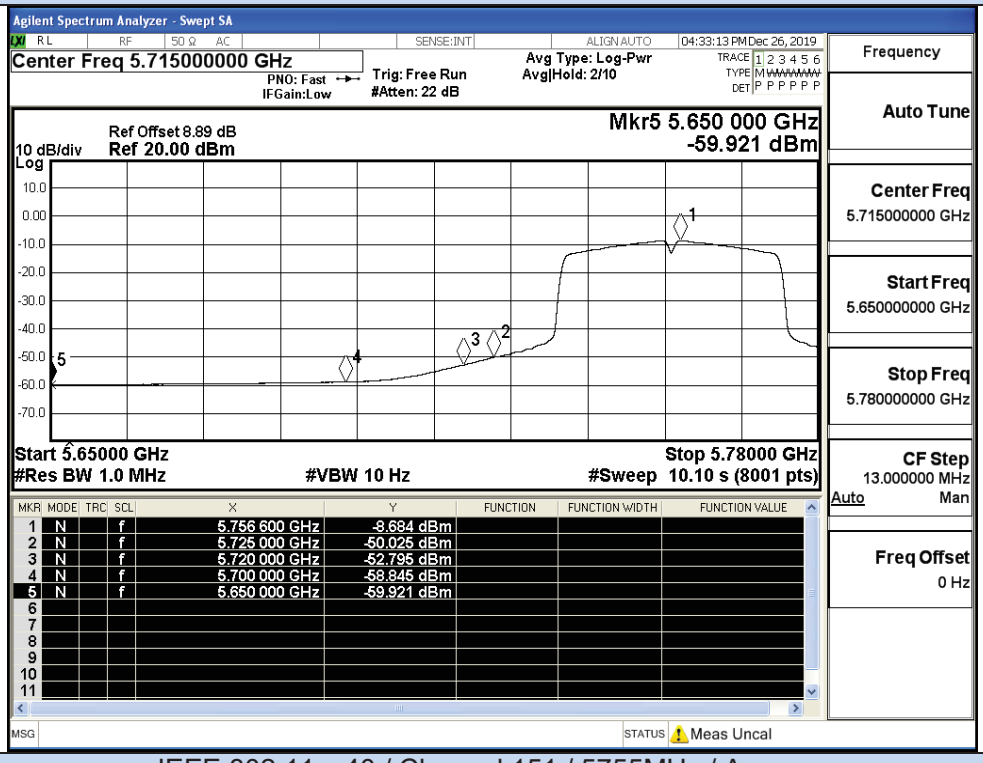
IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak



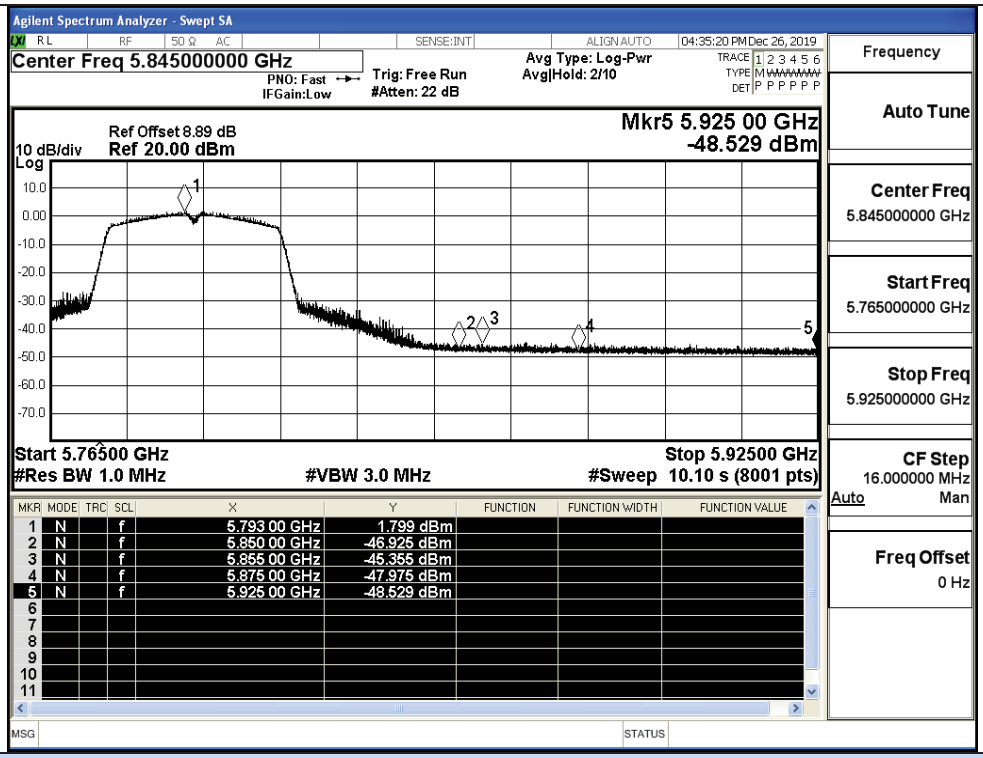
IEEE 802.11ac20 / Channel 165 / 5825MHz / Average



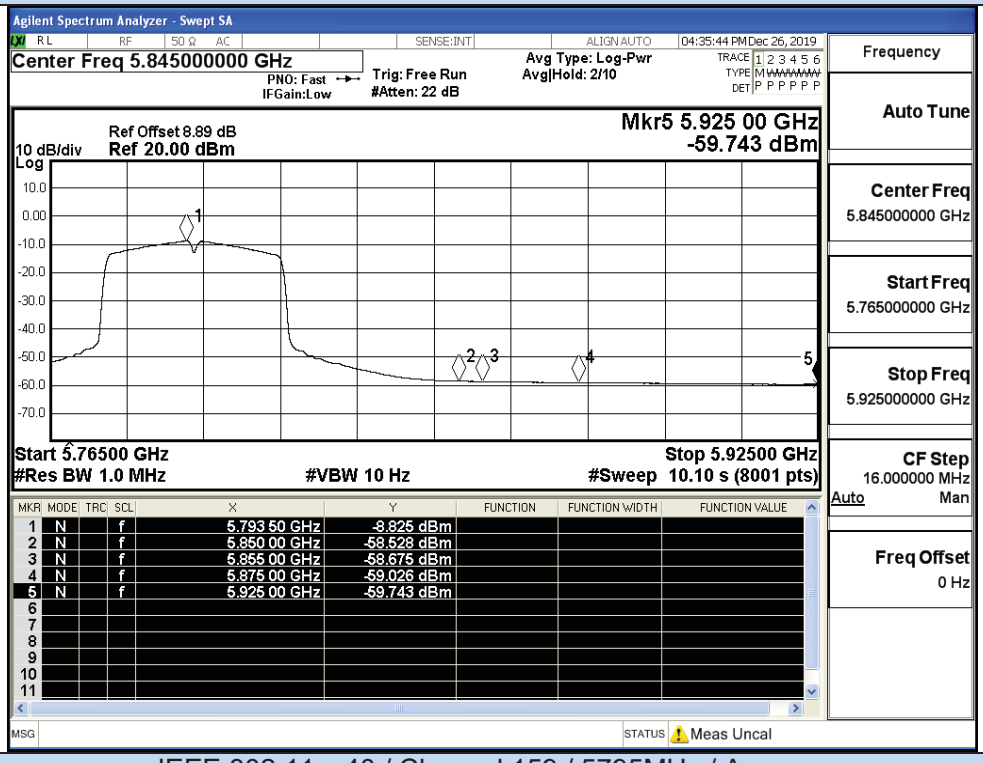
IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak



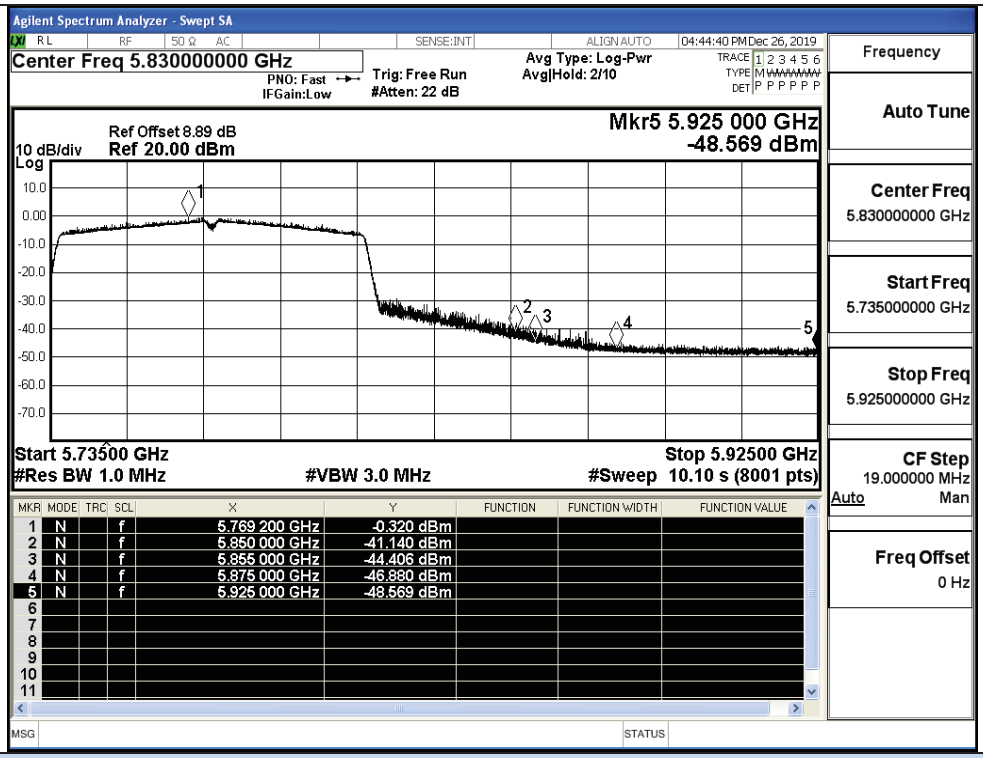
IEEE 802.11ac40 / Channel 151 / 5755MHz / Average



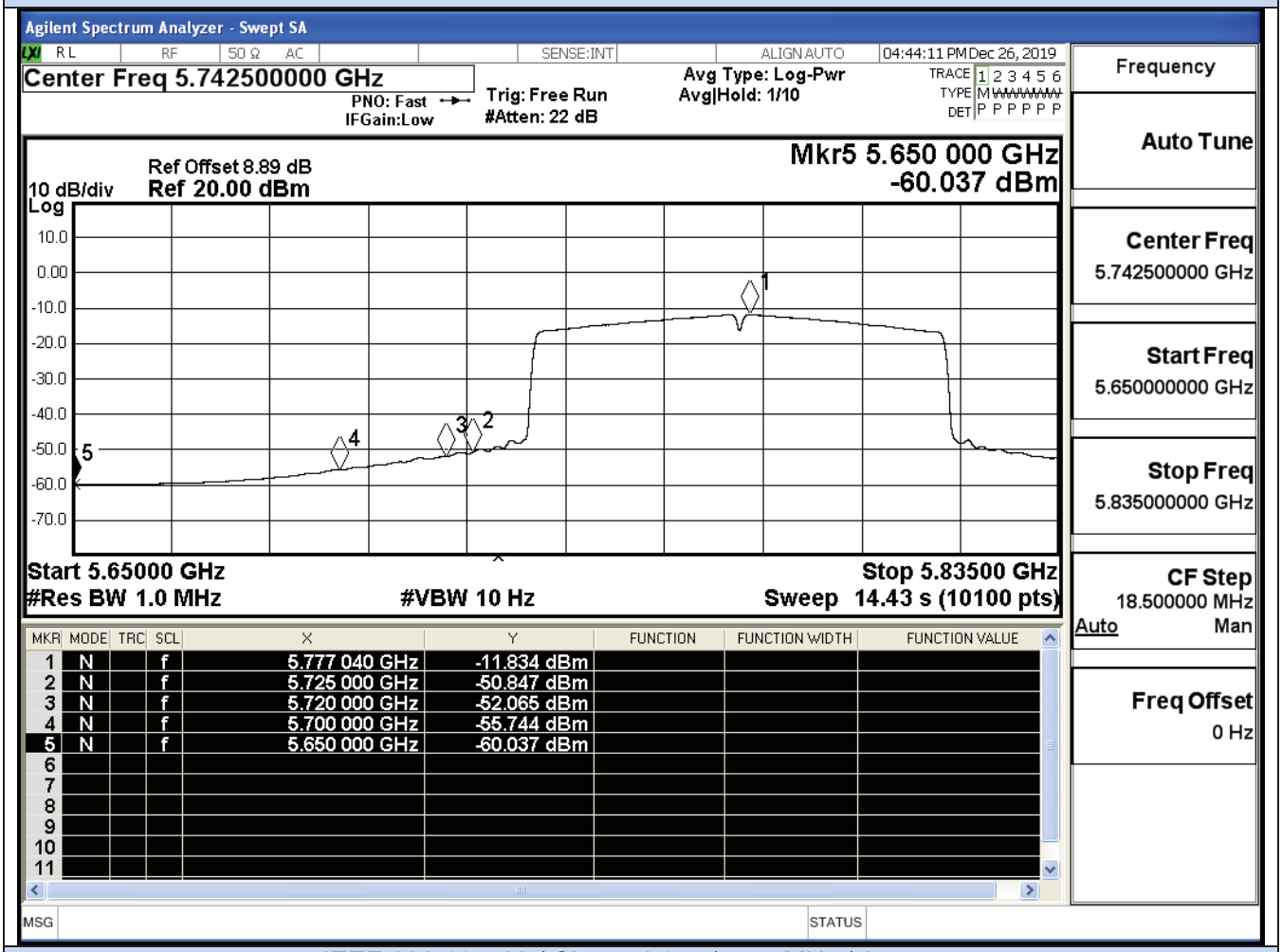
IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak



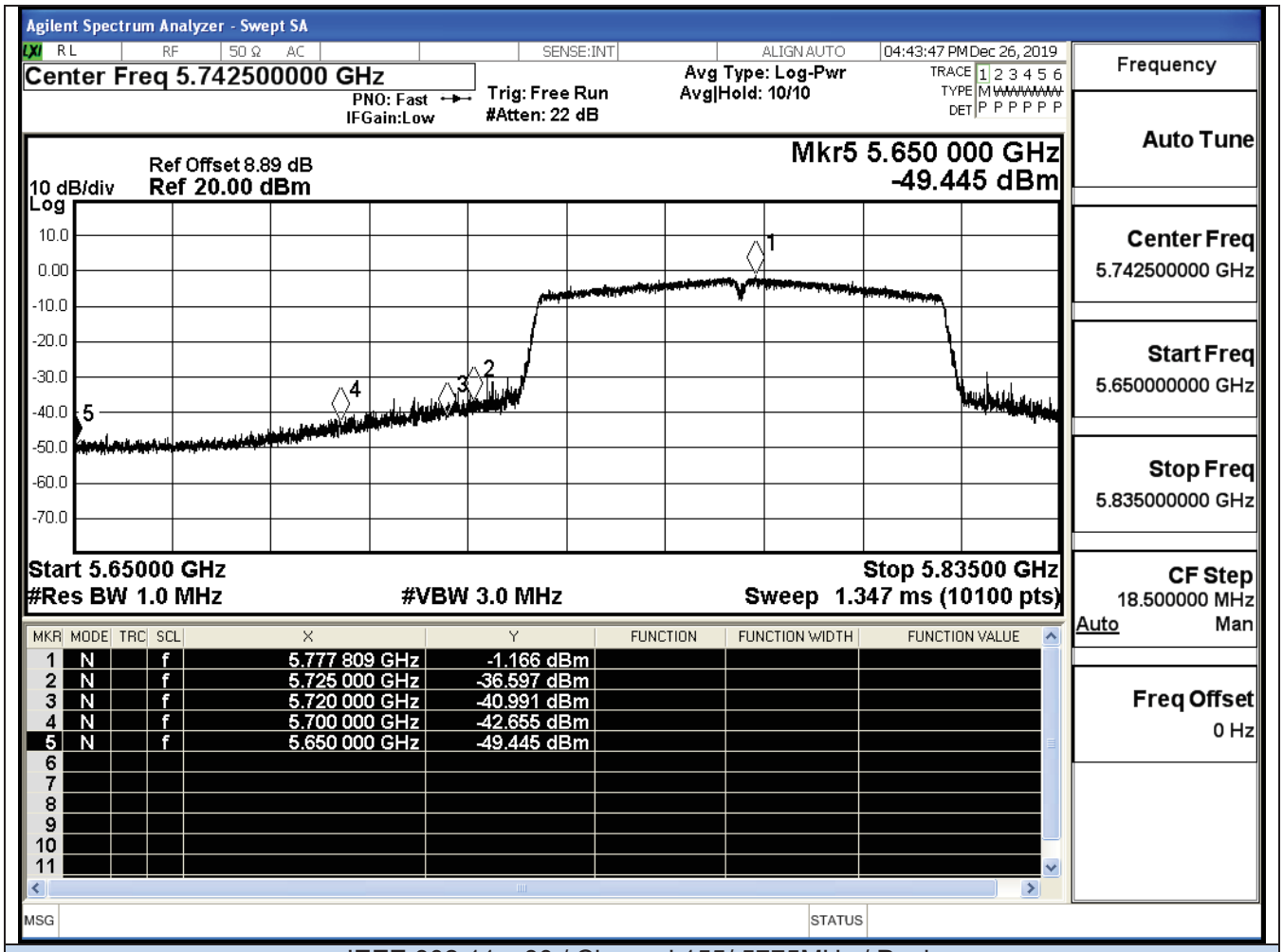
IEEE 802.11ac40 / Channel 159 / 5795MHz / Average



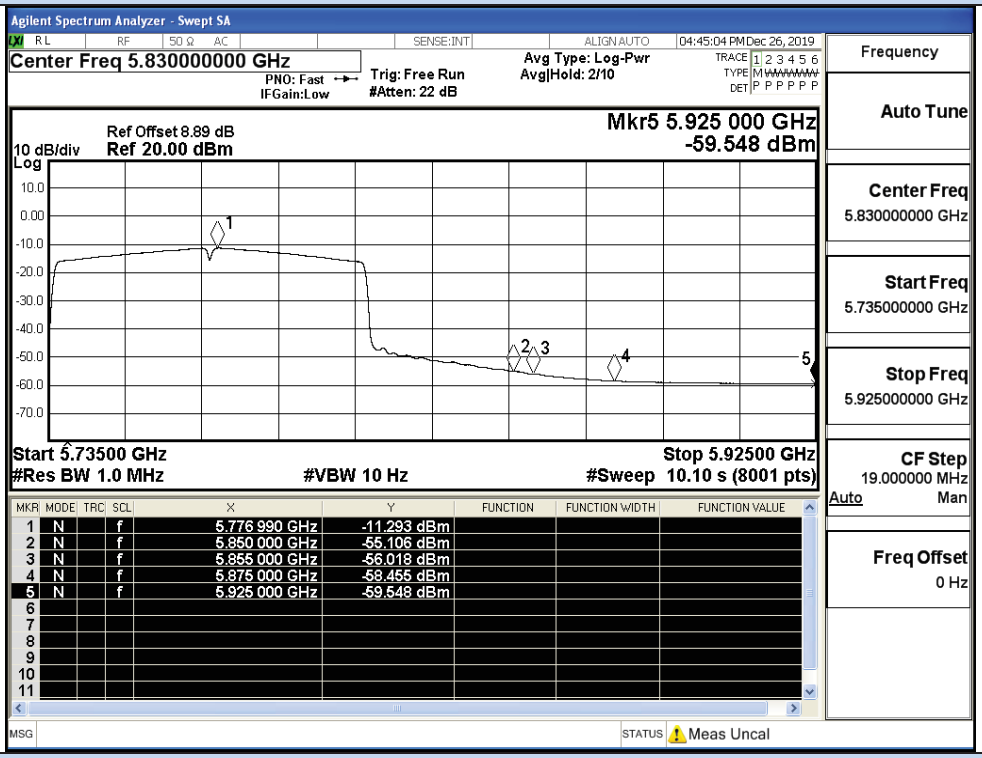
IEEE 802.11ac80 / Channel 155 / 5775MHz / Peak



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average

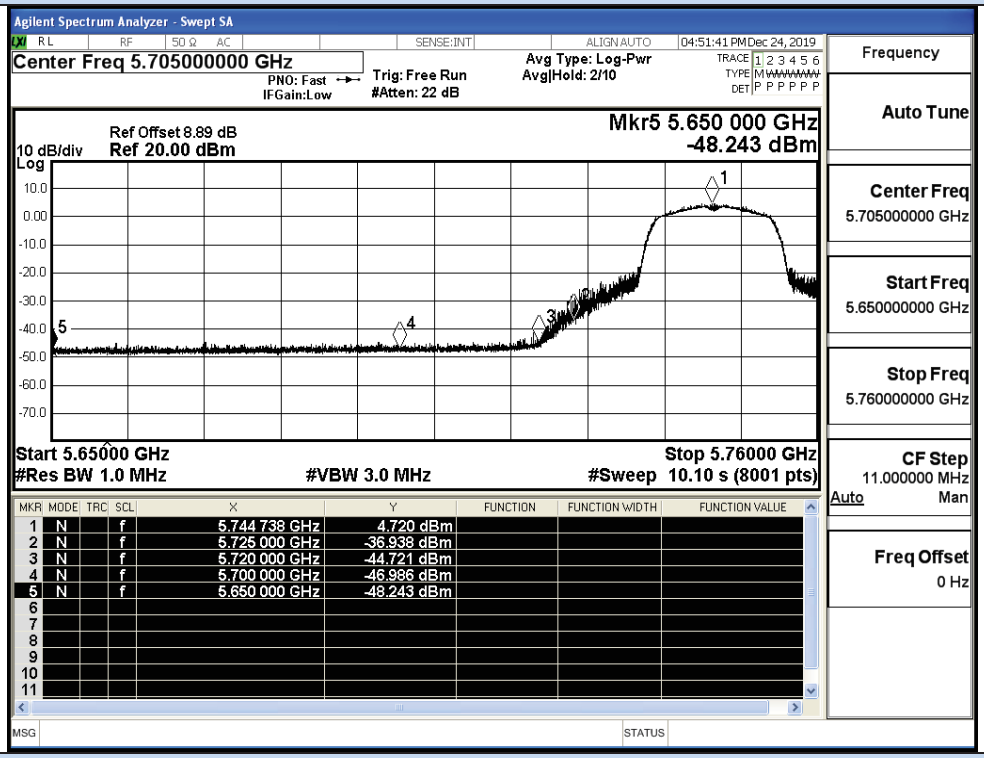


IEEE 802.11ac80 / Channel 155/ 5775MHz / Peak

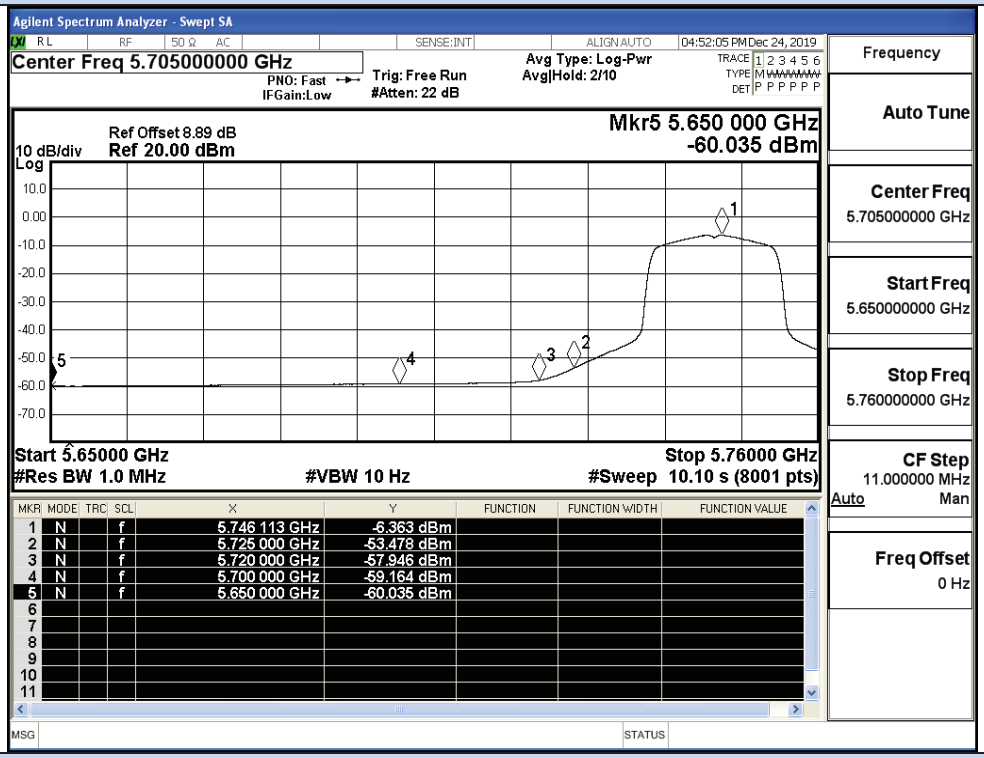


IEEE 802.11ac80 / Channel 155 / 5775MHz / Average

Undesirable Emissions Measurement



IEEE 802.11n20 / Channel 149 / 5745MHz / Peak



IEEE 802.11n20 / Channel 149 / 5745MHz / Average

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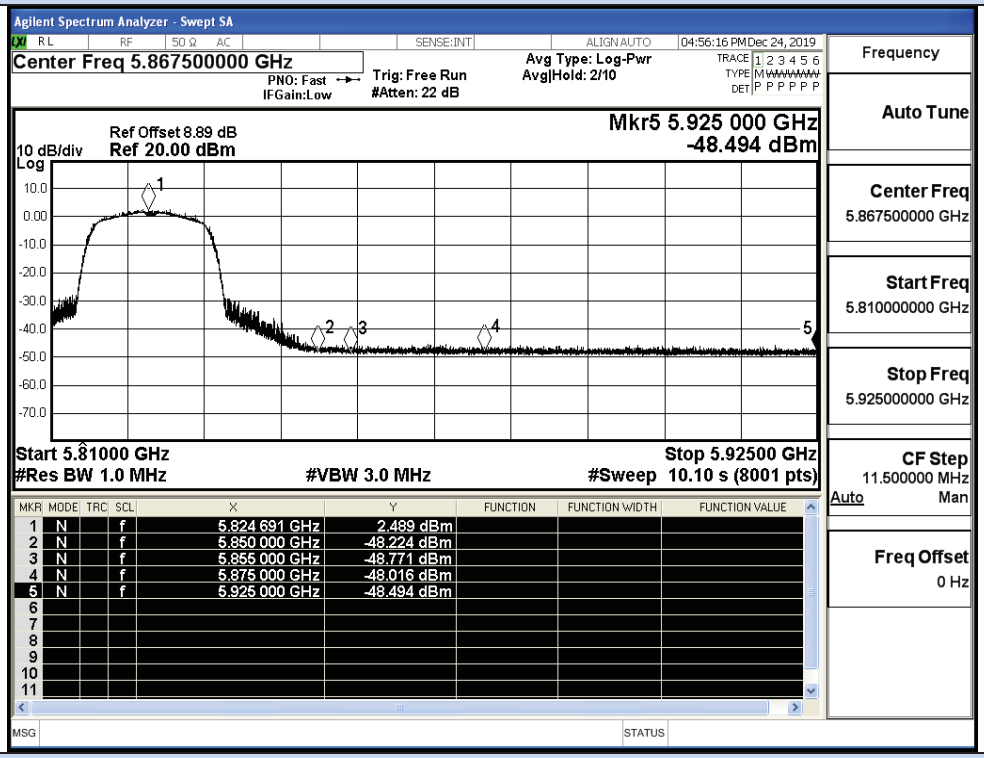
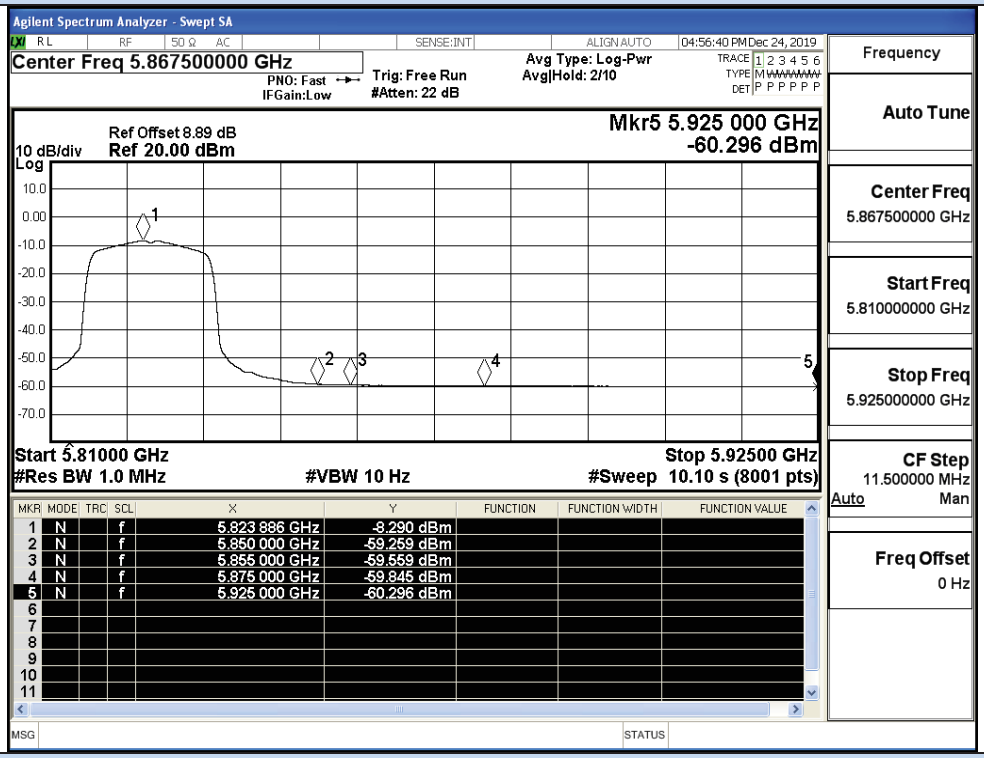


IEEE 802.11n20 / Channel 165 / 5825MHz / Peak



IEEE 802.11n20 / Channel 165 / 5825MHz / Average

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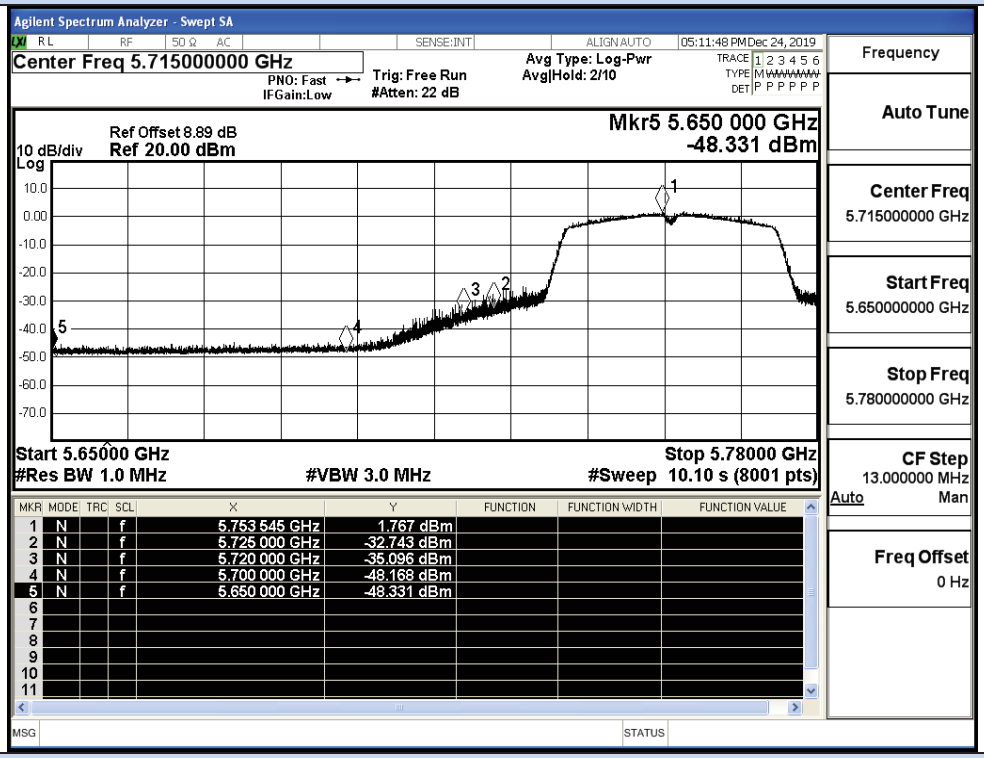
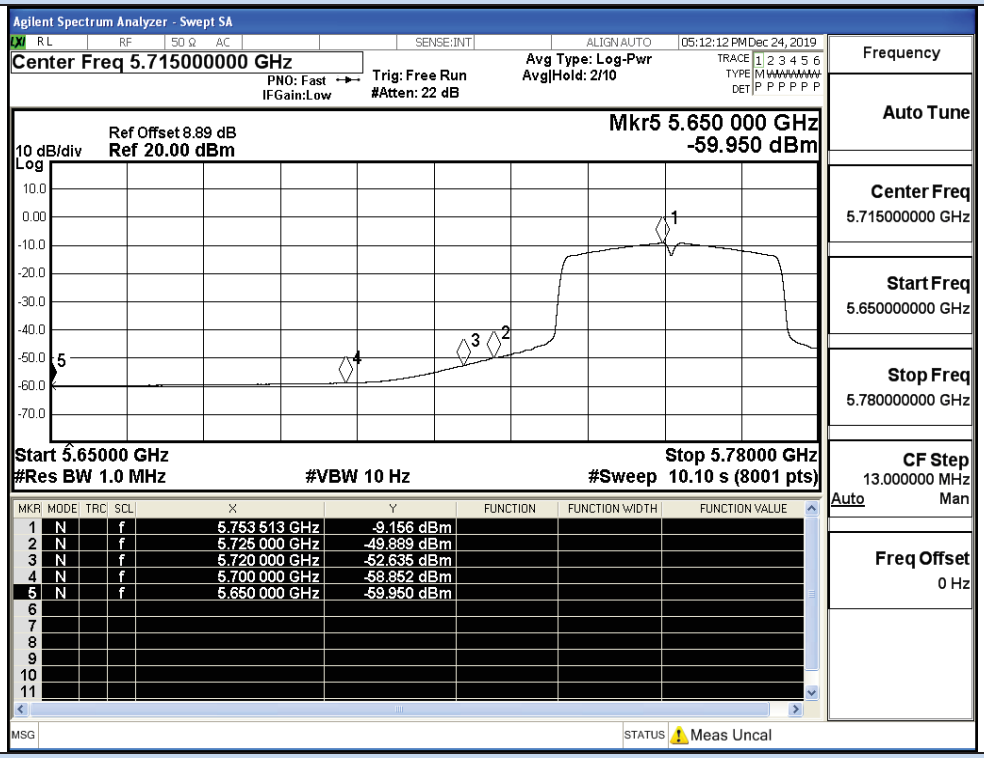


IEEE 802.11n40 / Channel 151 / 5755MHz / Peak



IEEE 802.11n40 / Channel 151 / 5755MHz / Average

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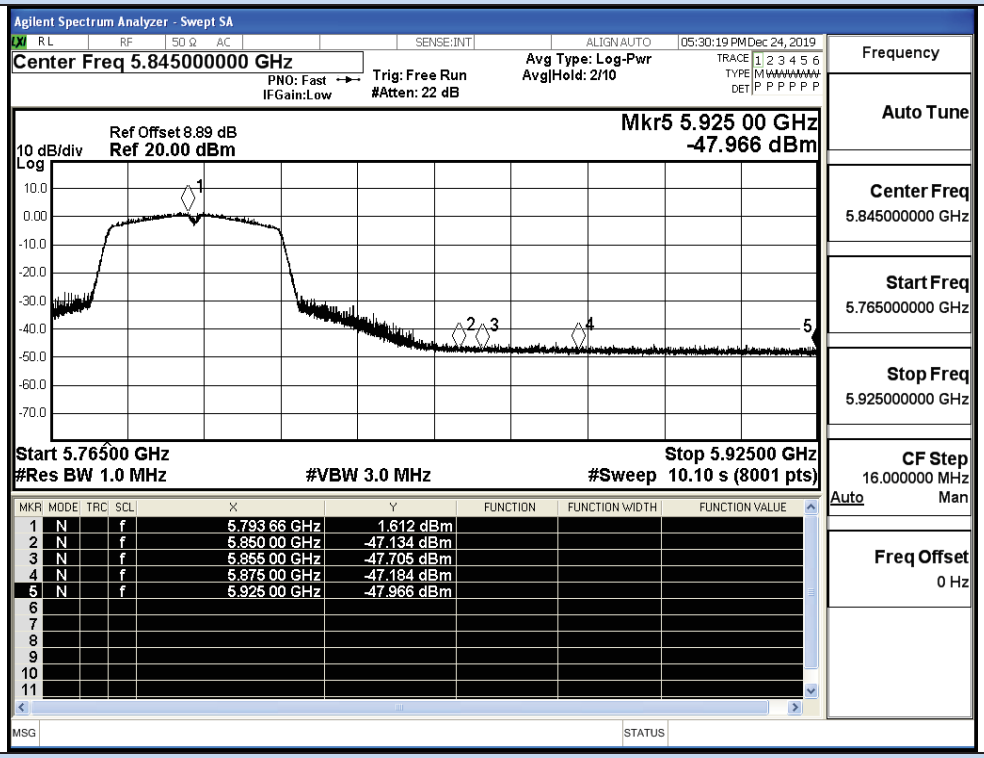
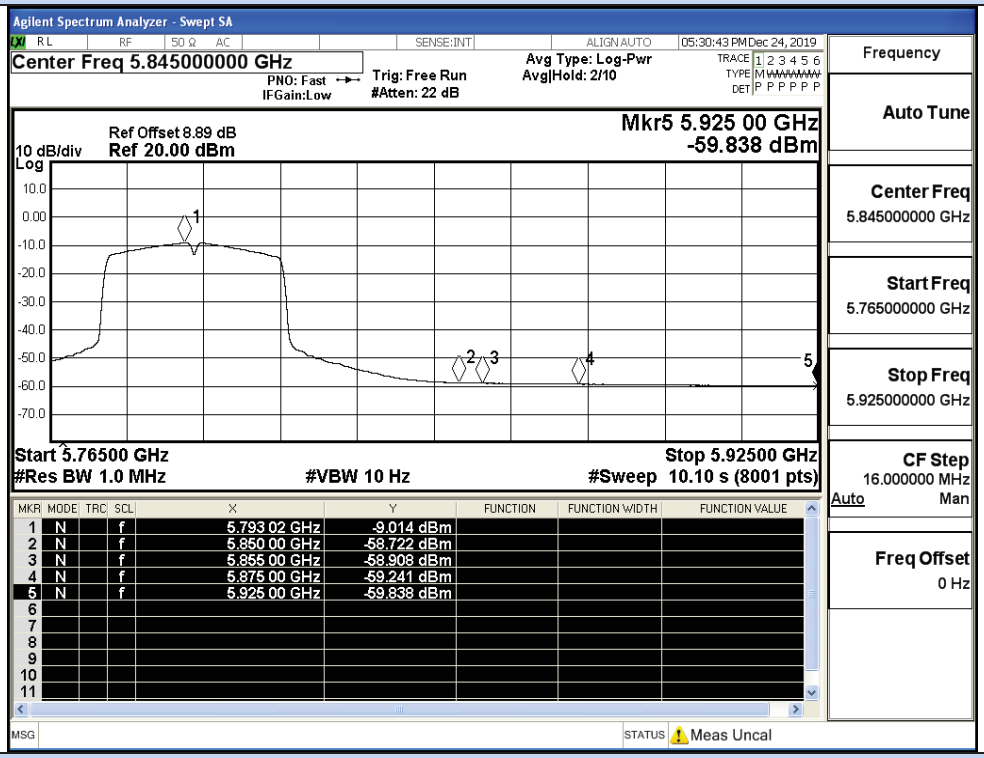
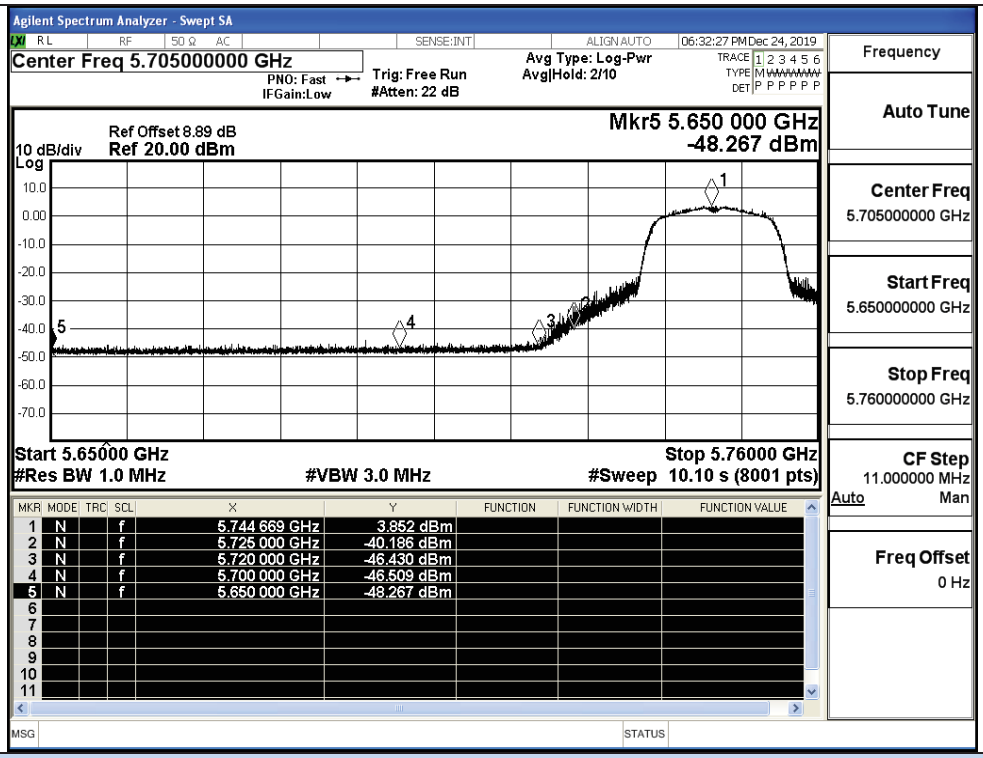


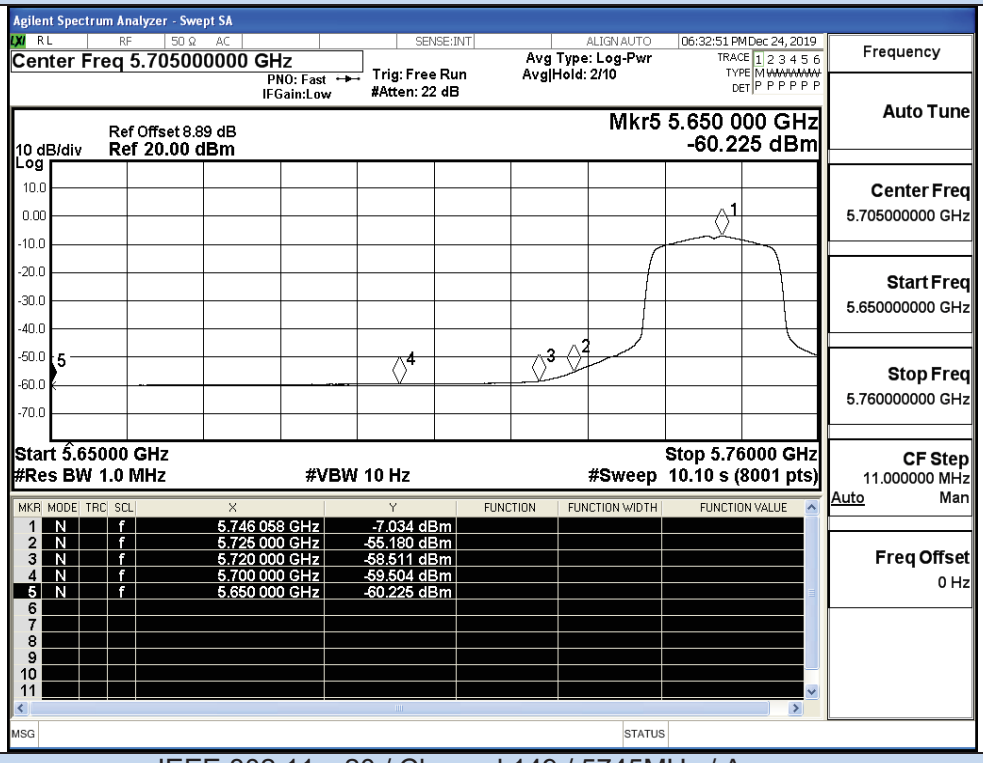
IEEE 802.11n40 / Channel 159 / 5795MHz / Peak



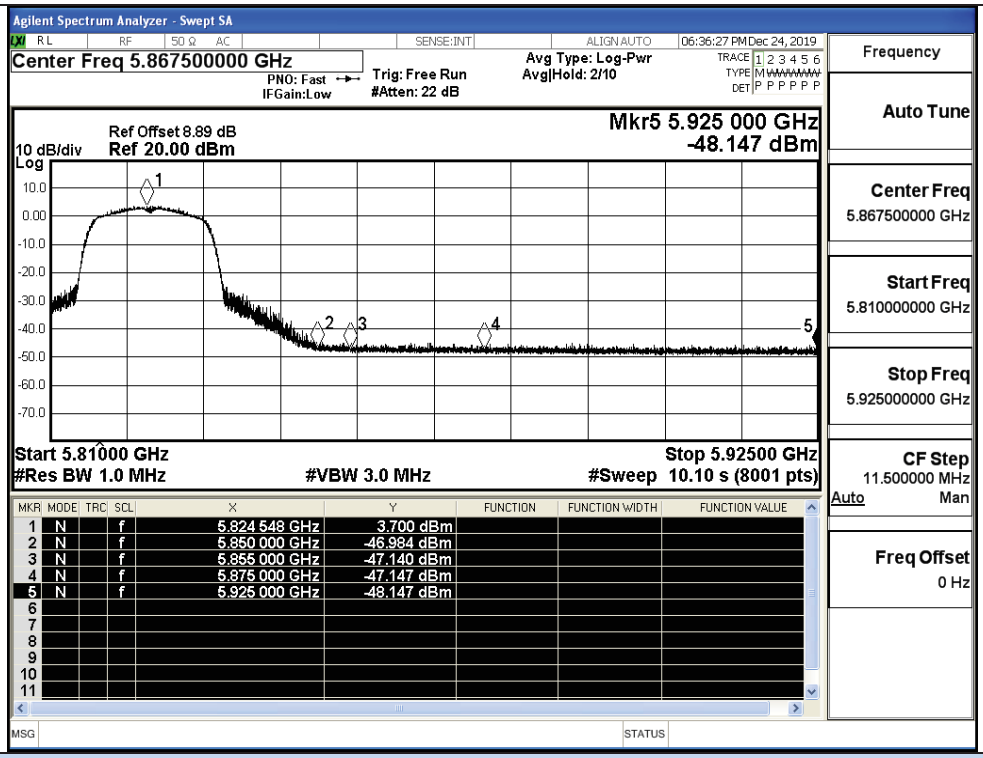
IEEE 802.11n40 / Channel 159 / 5795MHz / Average



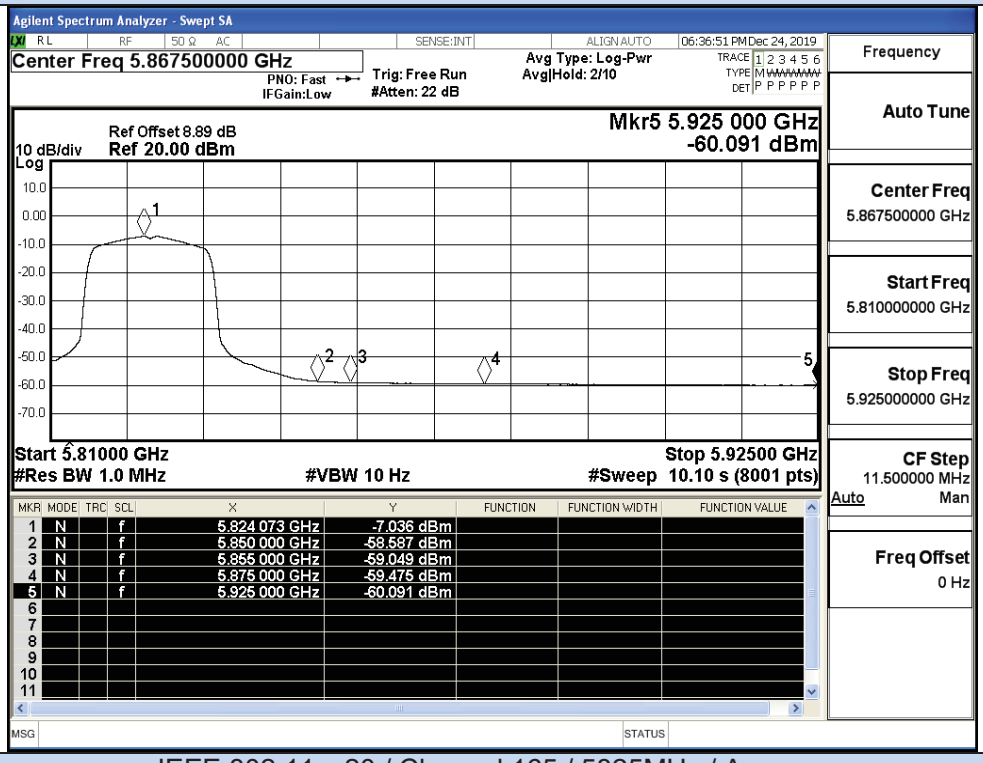
IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak



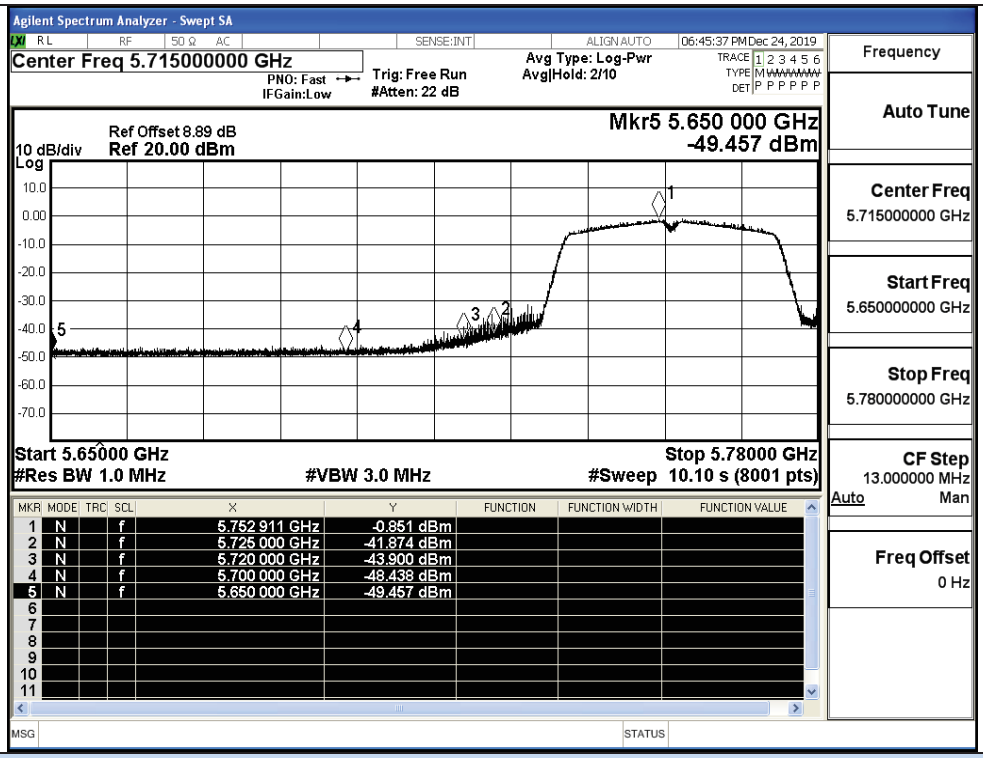
IEEE 802.11ac20 / Channel 149 / 5745MHz / Average



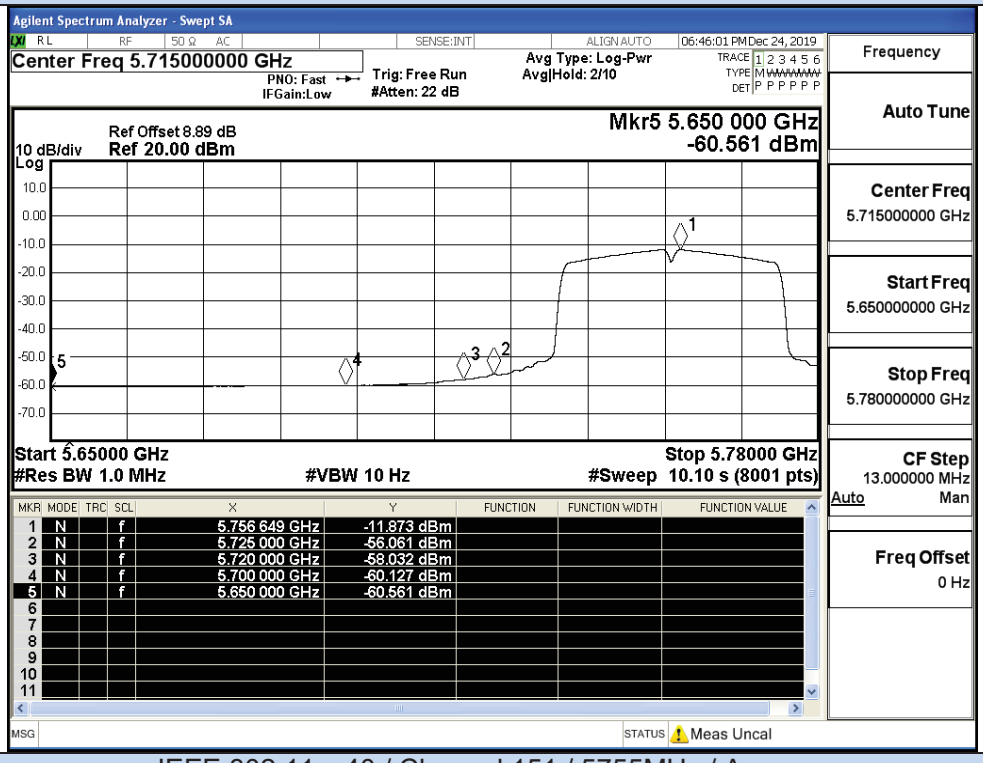
IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak



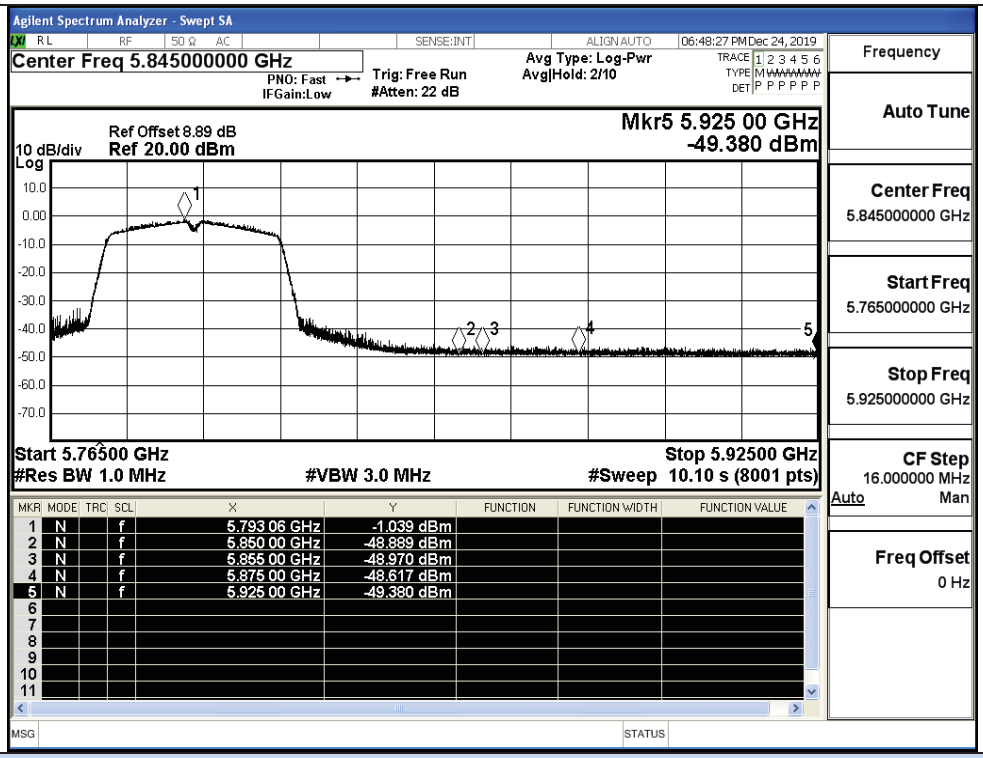
IEEE 802.11ac20 / Channel 165 / 5825MHz / Average



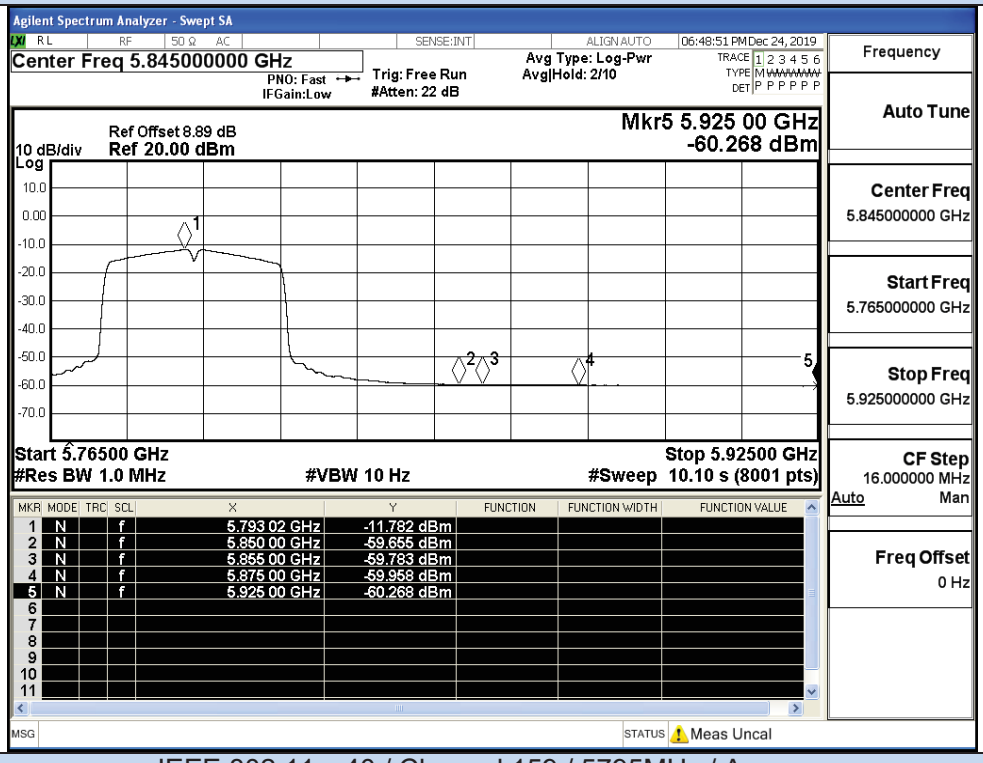
IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak



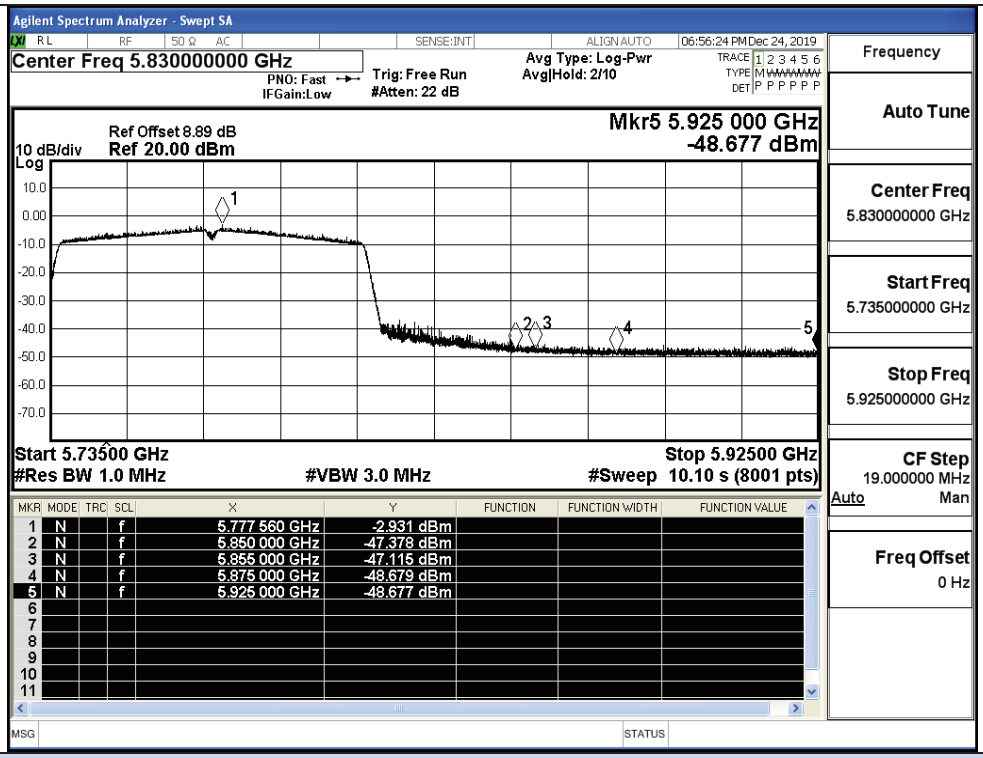
IEEE 802.11ac40 / Channel 151 / 5755MHz / Average



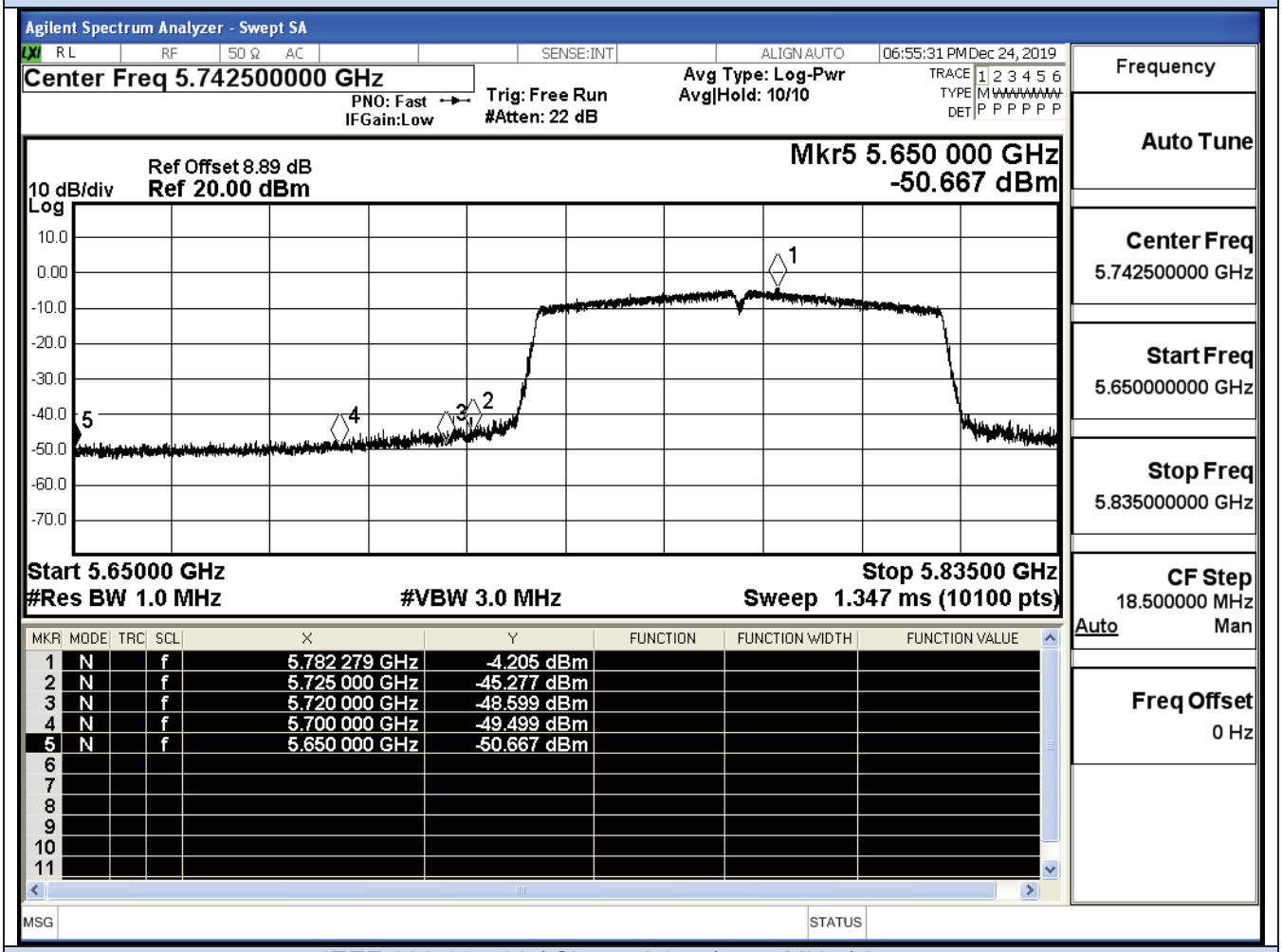
IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak



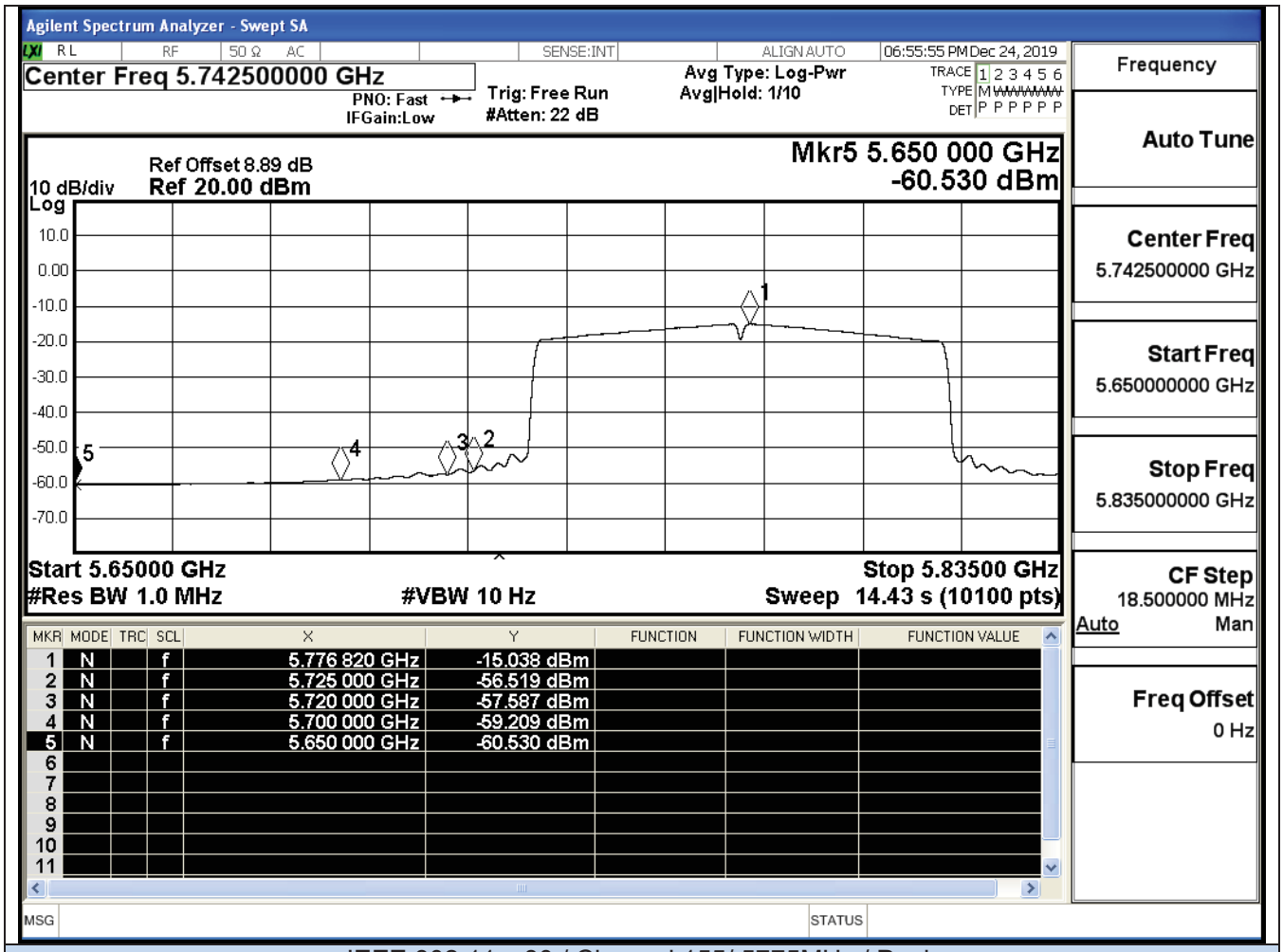
IEEE 802.11ac40 / Channel 159 / 5795MHz / Average



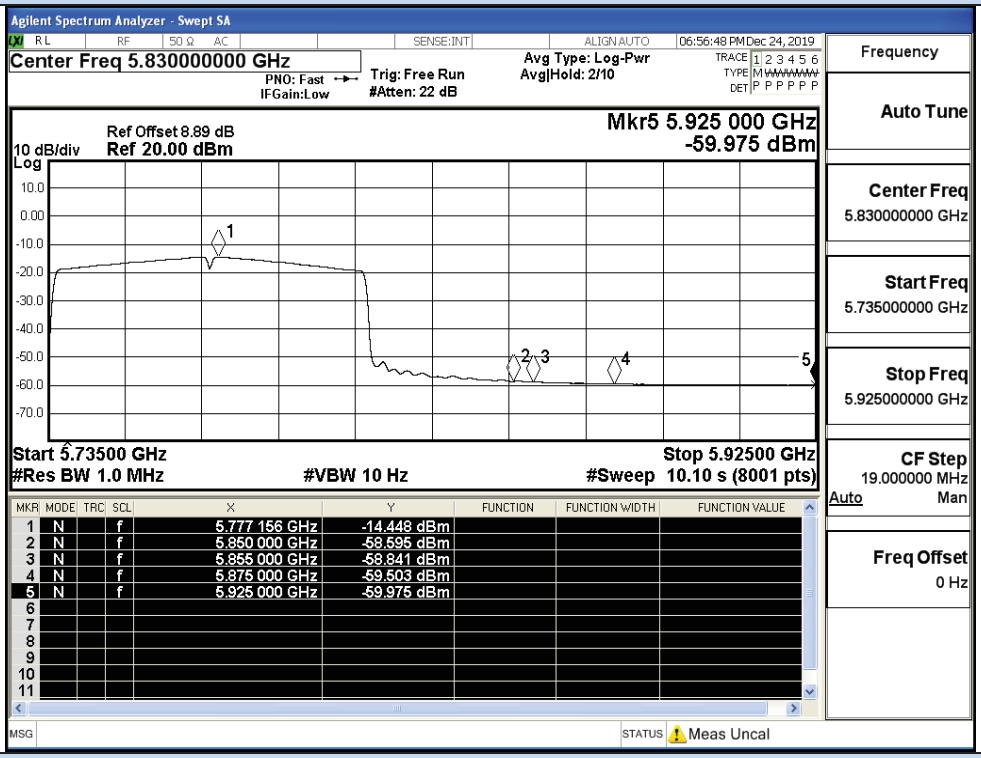
IEEE 802.11ac80 / Channel 155 / 5775MHz / Peak



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average



IEEE 802.11ac80 / Channel 155/ 5775MHz / Peak



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average