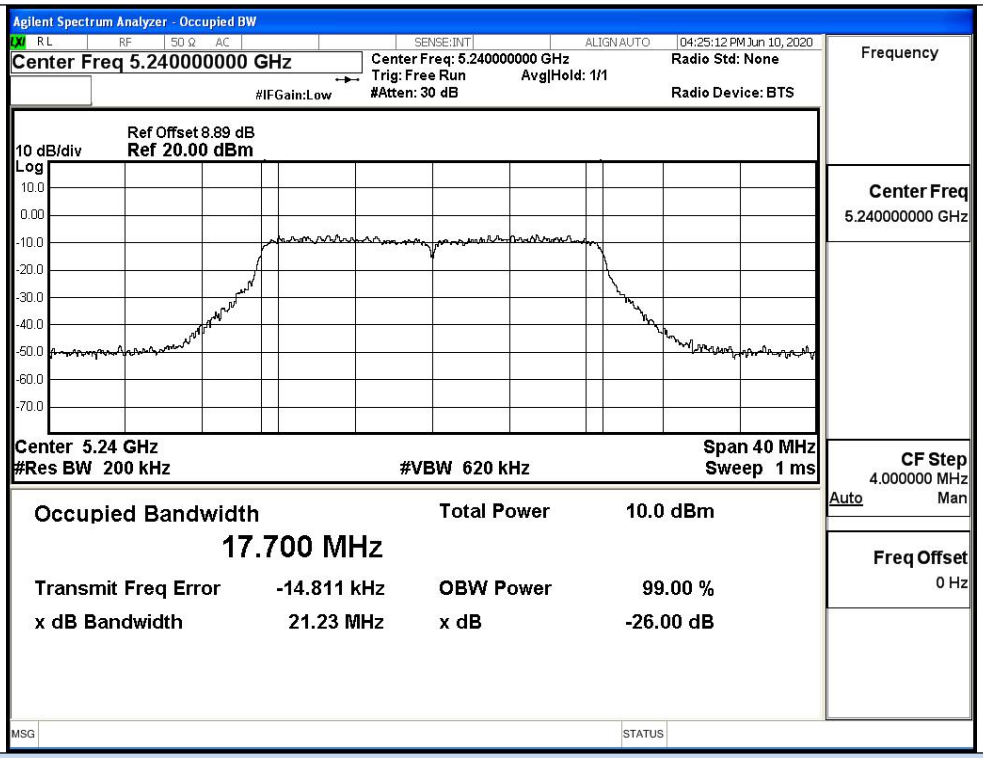
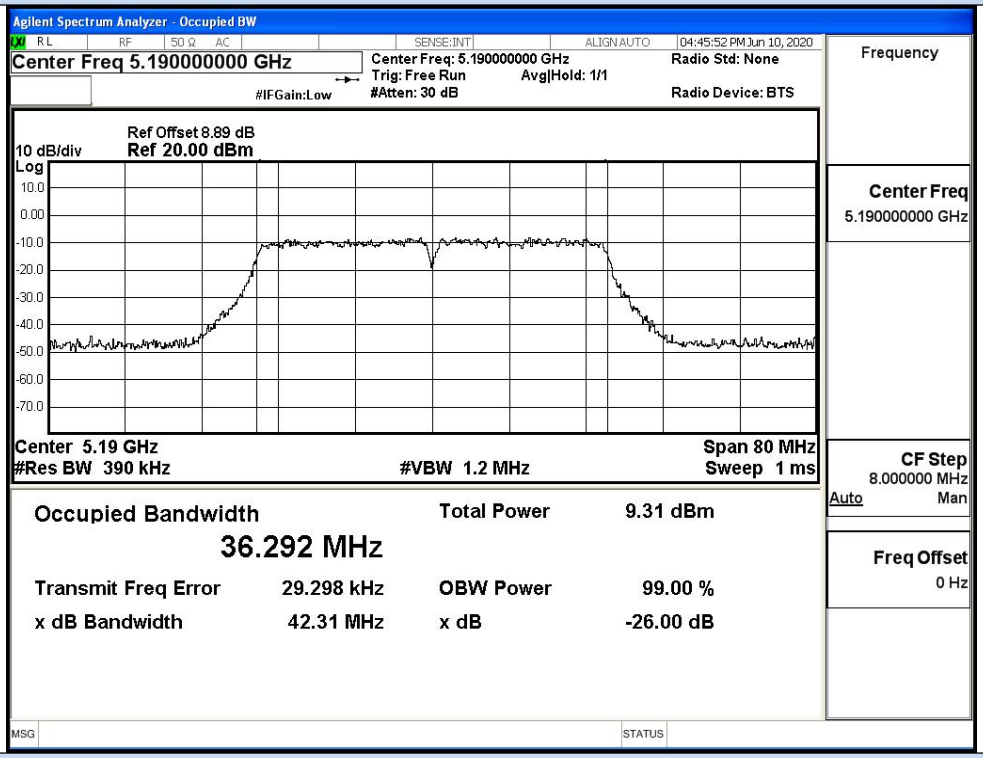
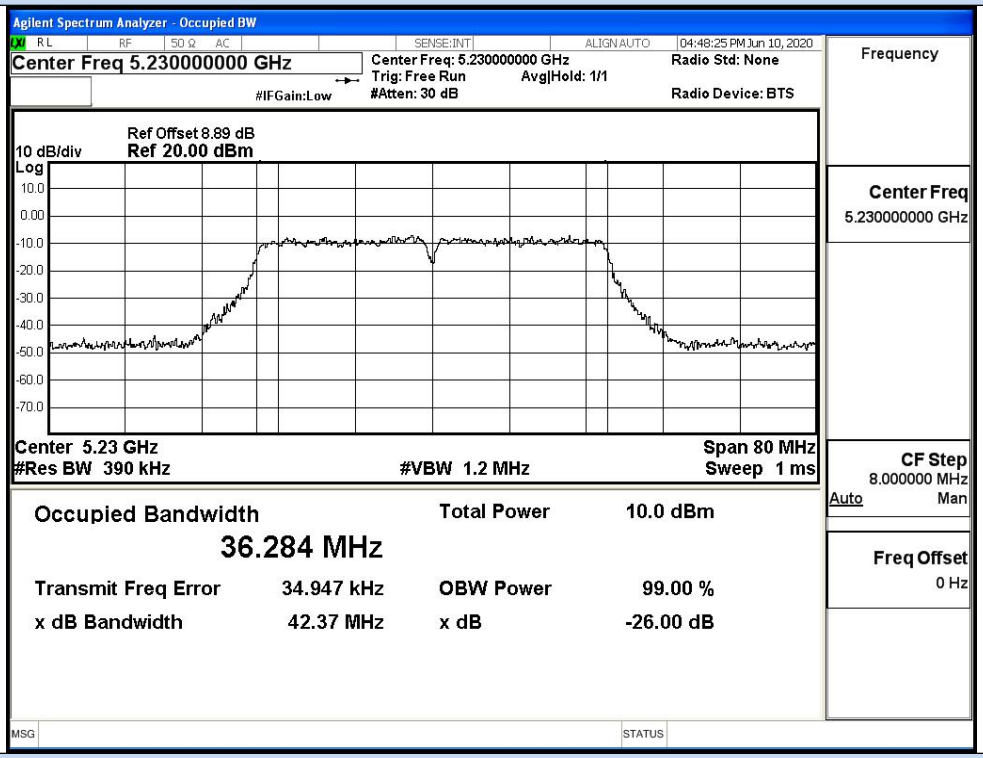


IEEE 802.11n20 / Channel 48 / 5240MHz

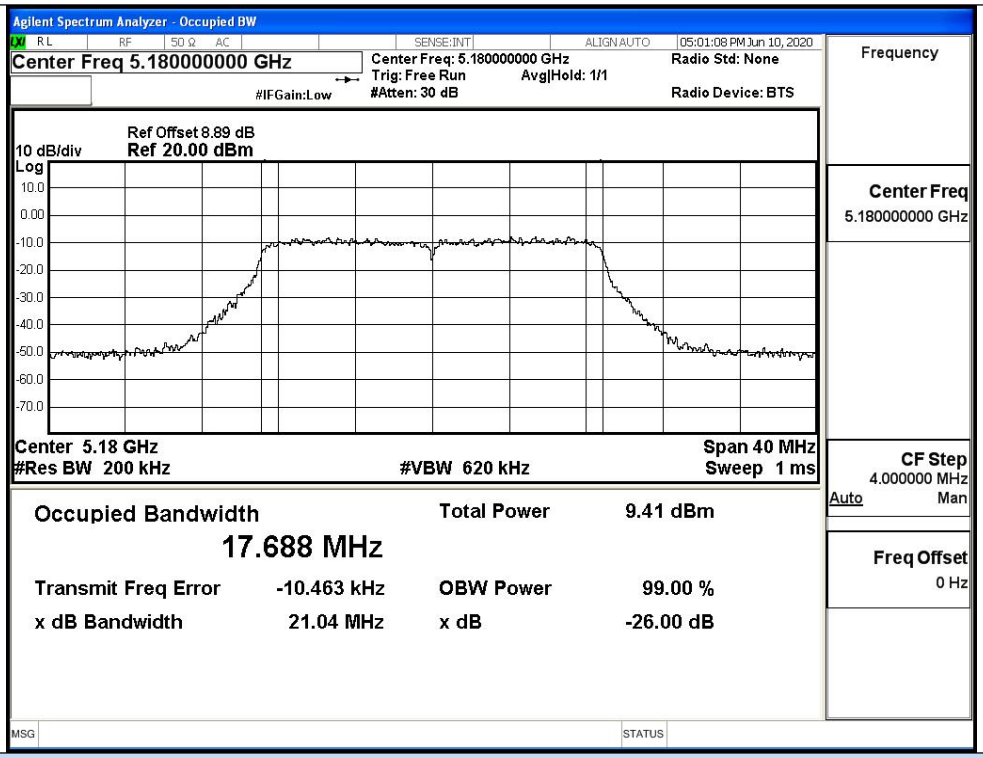
26dB Bandwidth



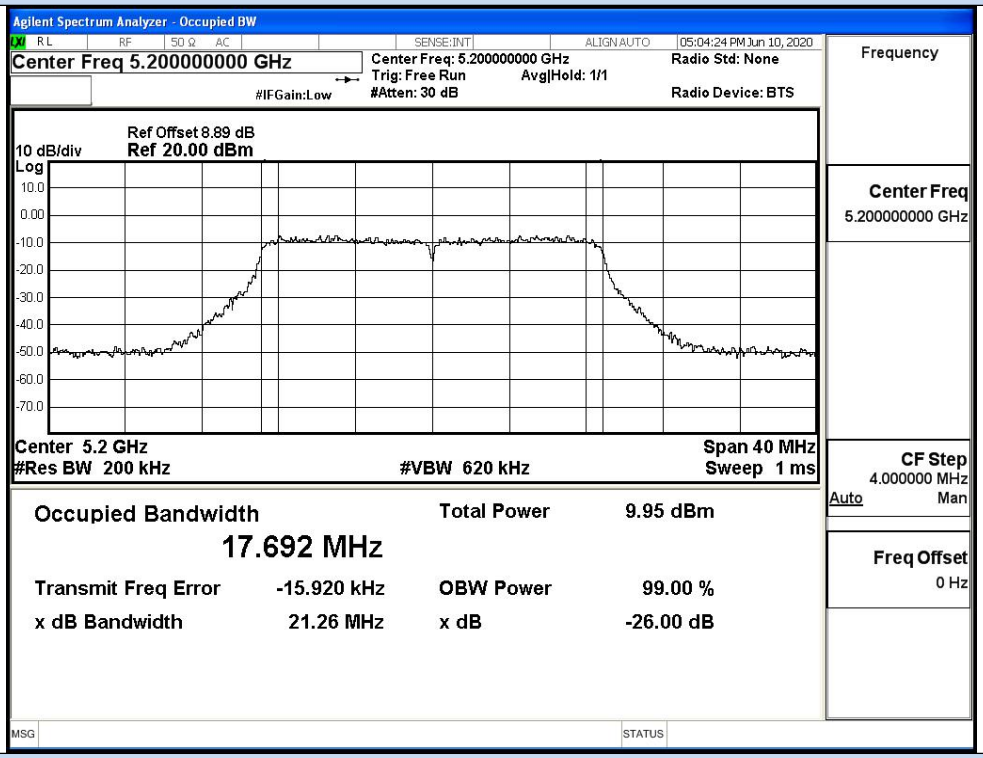
IEEE 802.11n40 / Channel 38 / 5190MHz



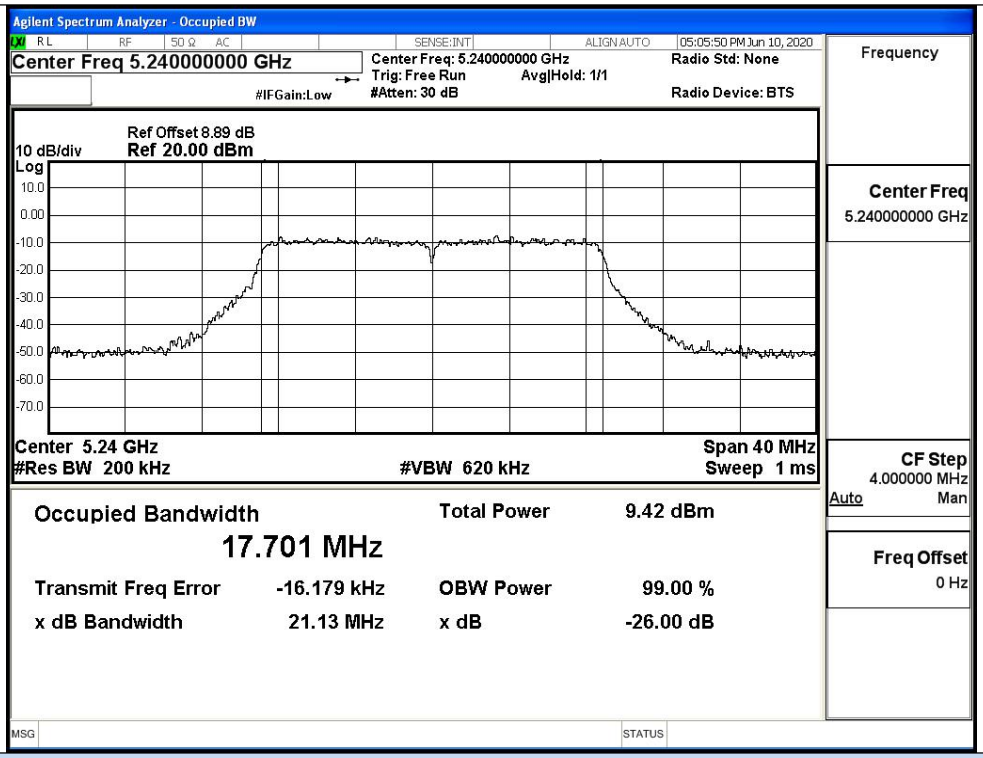
IEEE 802.11n40 / Channel 46 / 5230MHz



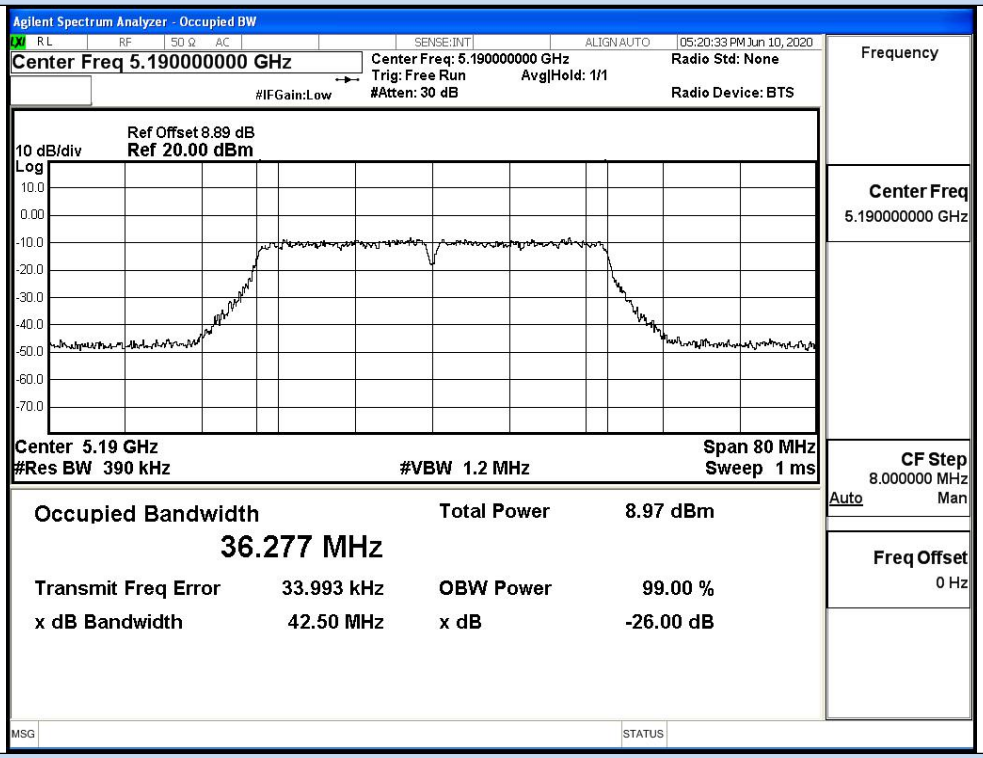
IEEE 802.11ac20 / Channel 36 / 5180MHz



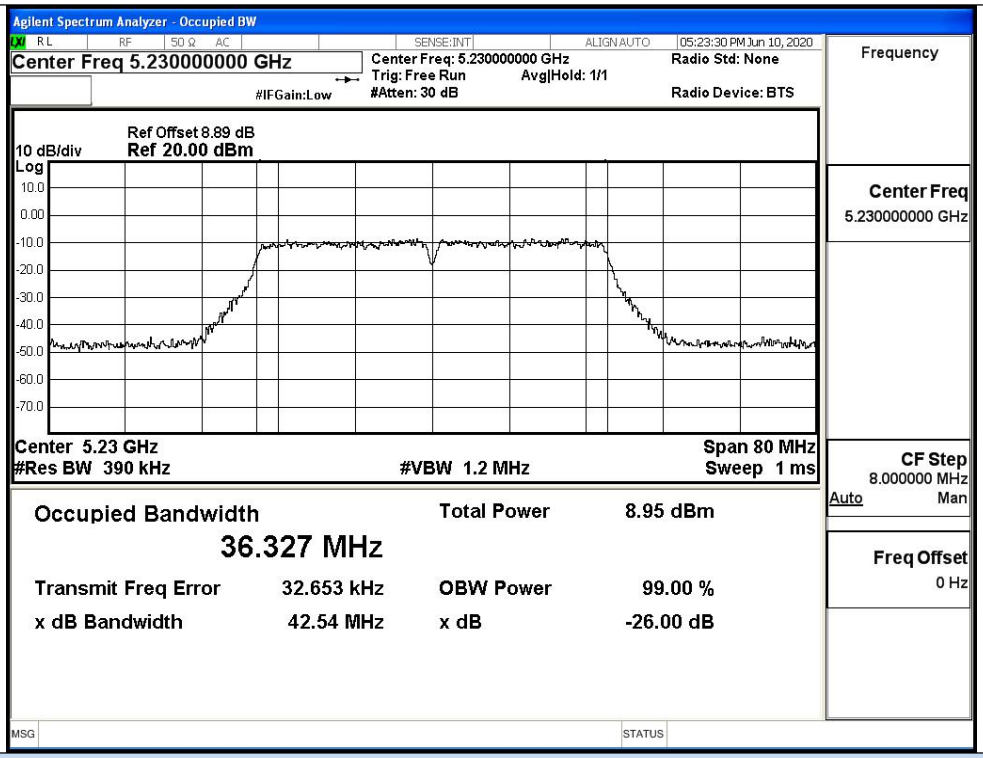
IEEE 802.11ac20 / Channel 40 / 5200MHz



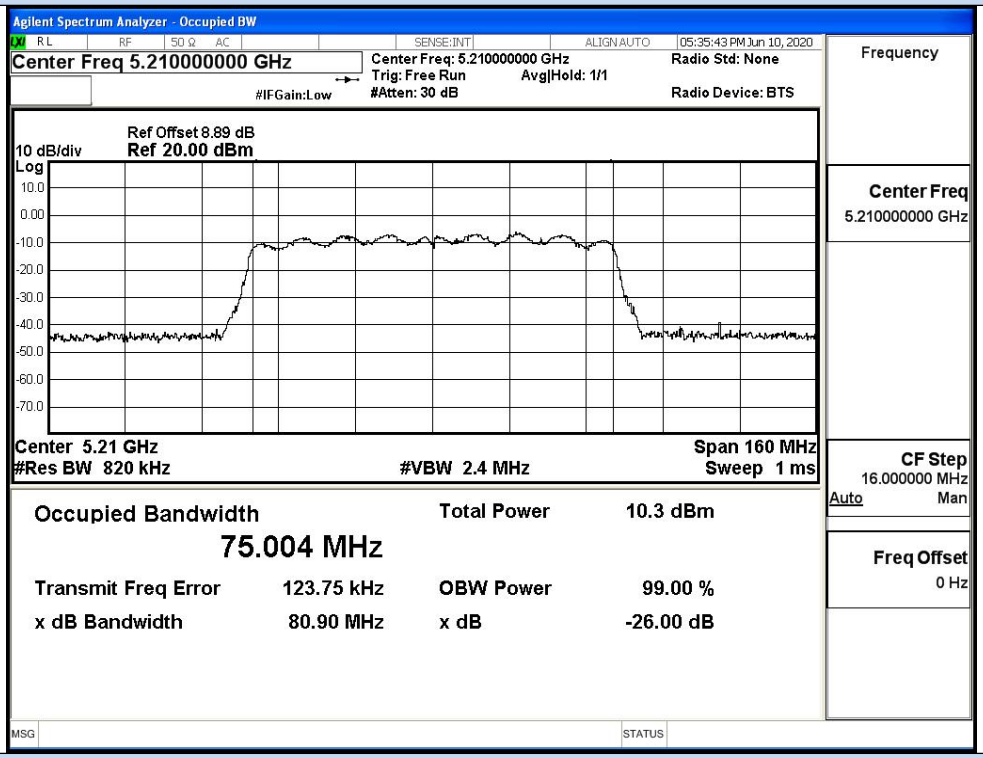
IEEE 802.11ac20 / Channel 48 / 5240MHz



IEEE 802.11ac40 / Channel 38 / 5190MHz



IEEE 802.11ac40 / Channel 46 / 5230MHz



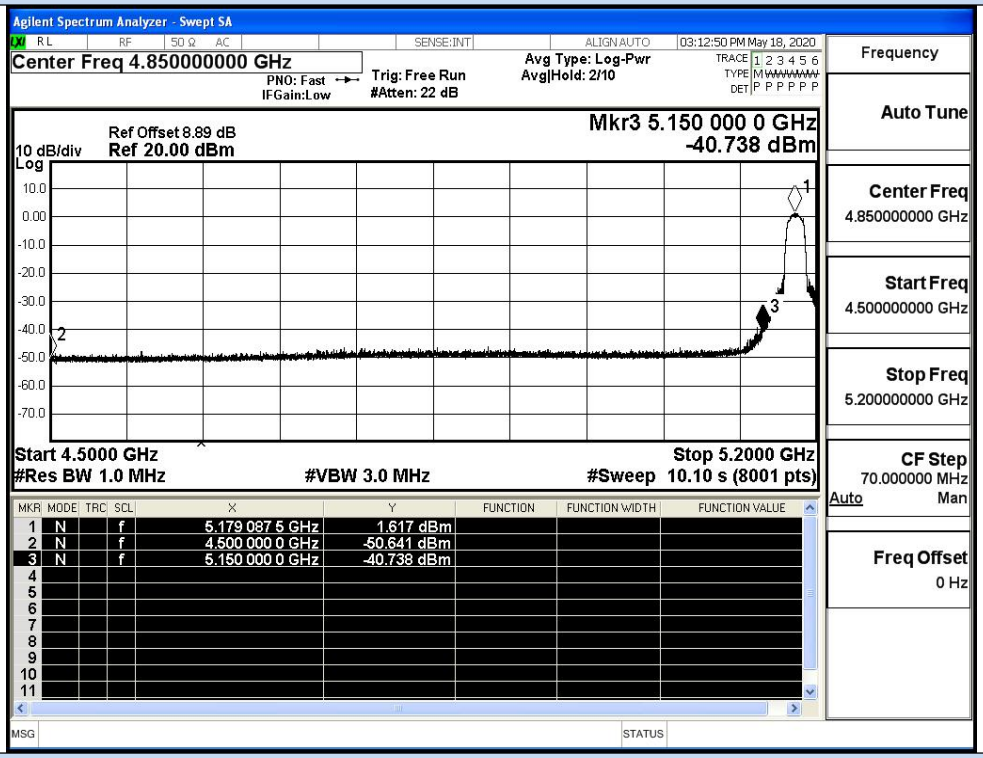
IEEE 802.11ac80 / Channel 42 / 5210MHz

D.5 Undesirable Emissions Measurement

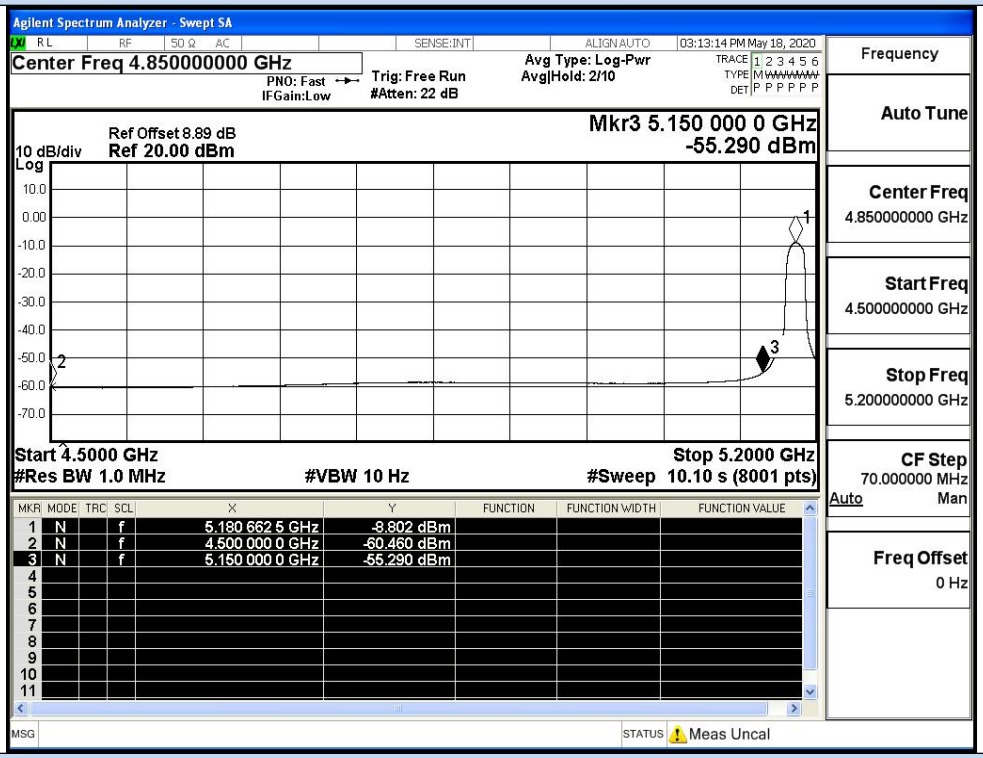
ANT 0

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	Ground Reflection Factor (dB)	Covert Radiated E Level At 3m (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
11A	36	4500.0	-50.64	2.00	0	46.59	Peak	68.20	Pass
		4500.0	-60.46	2.00	0	36.77	Average	54.00	Pass
		5150.0	-40.74	2.00	0	56.49	Peak	68.20	Pass
		5150.0	-55.29	2.00	0	41.94	Average	54.00	Pass
	48	5350.0	-48.03	2.00	0	49.19	Peak	68.20	Pass
		5350.0	-59.29	2.00	0	37.94	Average	54.00	Pass
		5460.0	-48.32	2.00	0	48.91	Peak	68.20	Pass
		5460.0	-59.54	2.00	0	37.68	Average	54.00	Pass
11N20 SISO	36	4500.0	-50.33	2.00	0	46.90	Peak	68.20	Pass
		4500.0	-60.44	2.00	0	36.79	Average	54.00	Pass
		5150.0	-47.49	2.00	0	49.74	Peak	68.20	Pass
		5150.0	-57.03	2.00	0	40.19	Average	54.00	Pass
	48	5350.0	-48.95	2.00	0	48.28	Peak	68.20	Pass
		5350.0	-59.26	2.00	0	37.97	Average	54.00	Pass
		5460.0	-48.98	2.00	0	48.24	Peak	68.20	Pass
		5460.0	-59.52	2.00	0	37.70	Average	54.00	Pass
11N40 SISO	38	4500.0	-50.41	2.00	0	46.82	Peak	68.20	Pass
		4500.0	-60.43	2.00	0	36.79	Average	54.00	Pass
		5150.0	-41.22	2.00	0	56.00	Peak	68.20	Pass
		5150.0	-55.85	2.00	0	41.38	Average	54.00	Pass
	46	5350.0	-48.15	2.00	0	49.07	Peak	68.20	Pass
		5350.0	-58.95	2.00	0	38.28	Average	54.00	Pass
		5460.0	-47.97	2.00	0	49.25	Peak	68.20	Pass
		5460.0	-59.22	2.00	0	38.01	Average	54.00	Pass
11AC20 SISO	36	4500.0	-51.09	2.00	0	46.14	Peak	68.20	Pass
		4500.0	-60.39	2.00	0	36.84	Average	54.00	Pass
		5150.0	-43.17	2.00	0	54.05	Peak	68.20	Pass
		5150.0	-56.35	2.00	0	40.88	Average	54.00	Pass
	48	4500.0	-51.09	2.00	0	46.14	Peak	68.20	Pass
		4500.0	-60.39	2.00	0	36.84	Average	54.00	Pass
		5150.0	-43.17	2.00	0	54.05	Peak	68.20	Pass
		5150.0	-56.35	2.00	0	40.88	Average	54.00	Pass
11AC40 SISO	38	4500.0	-50.99	2.00	0	46.24	Peak	68.20	Pass
		4500.0	-60.37	2.00	0	36.86	Average	54.00	Pass
		5150.0	-40.01	2.00	0	57.22	Peak	68.20	Pass
		5150.0	-55.71	2.00	0	41.52	Average	54.00	Pass
	46	5350.0	-49.29	2.00	0	47.94	Peak	68.20	Pass
		5350.0	-58.87	2.00	0	38.36	Average	54.00	Pass
		5460.0	-49.78	2.00	0	47.45	Peak	68.20	Pass
		5460.0	-59.16	2.00	0	38.07	Average	54.00	Pass
11AC80 SISO	42	4500.0	-48.43	2.00	0	48.79	Peak	68.20	Pass
		5150.0	-58.54	2.00	0	38.69	Average	54.00	Pass
		4500.0	-49.30	2.00	0	47.93	Peak	68.20	Pass
		5150.0	-58.77	2.00	0	38.46	Average	54.00	Pass
		5350.0	-48.43	2.00	0	48.79	Peak	68.20	Pass
		5460.0	-58.54	2.00	0	38.69	Average	54.00	Pass
		5350.0	-49.30	2.00	0	47.93	Peak	68.20	Pass
		5460.0	-58.77	2.00	0	38.46	Average	54.00	Pass

Undesirable Emissions Measurement

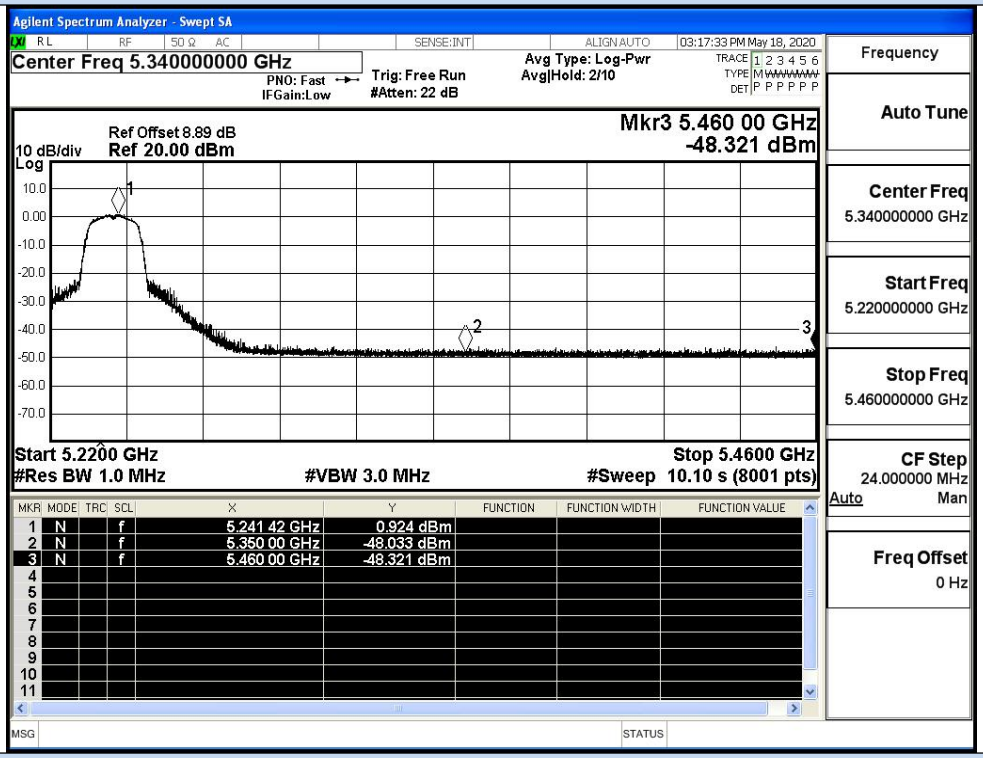


IEEE 802.11a / Channel 36 / 5180MHz / Peak

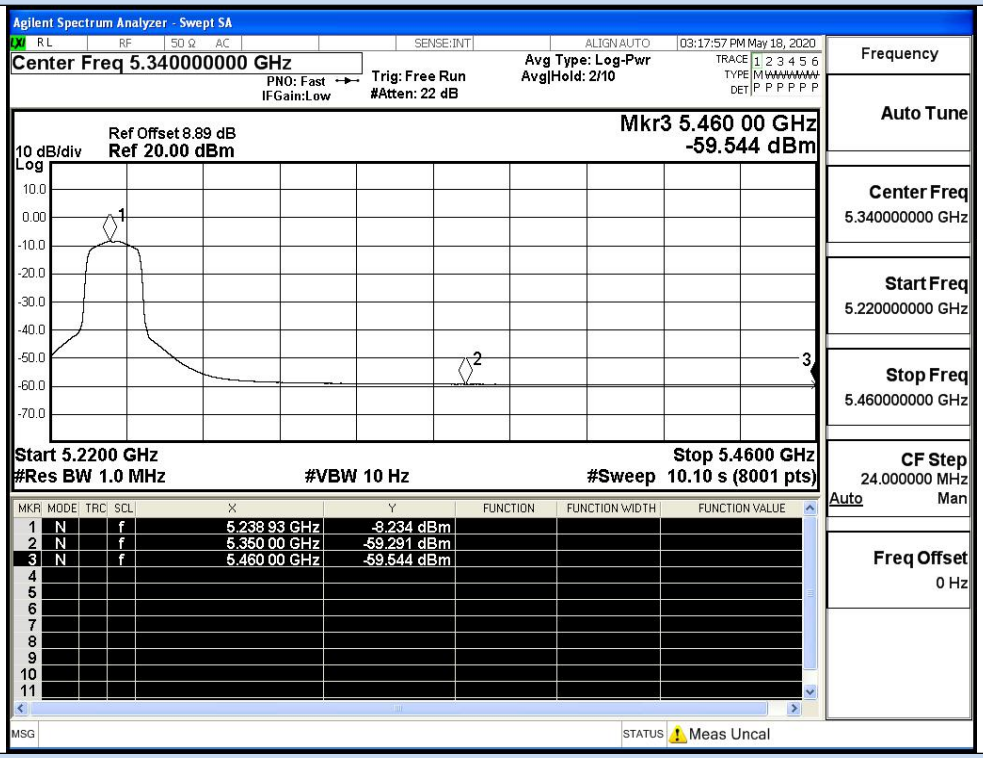


IEEE 802.11a / Channel 36 / 5180MHz / Average

Undesirable Emissions Measurement

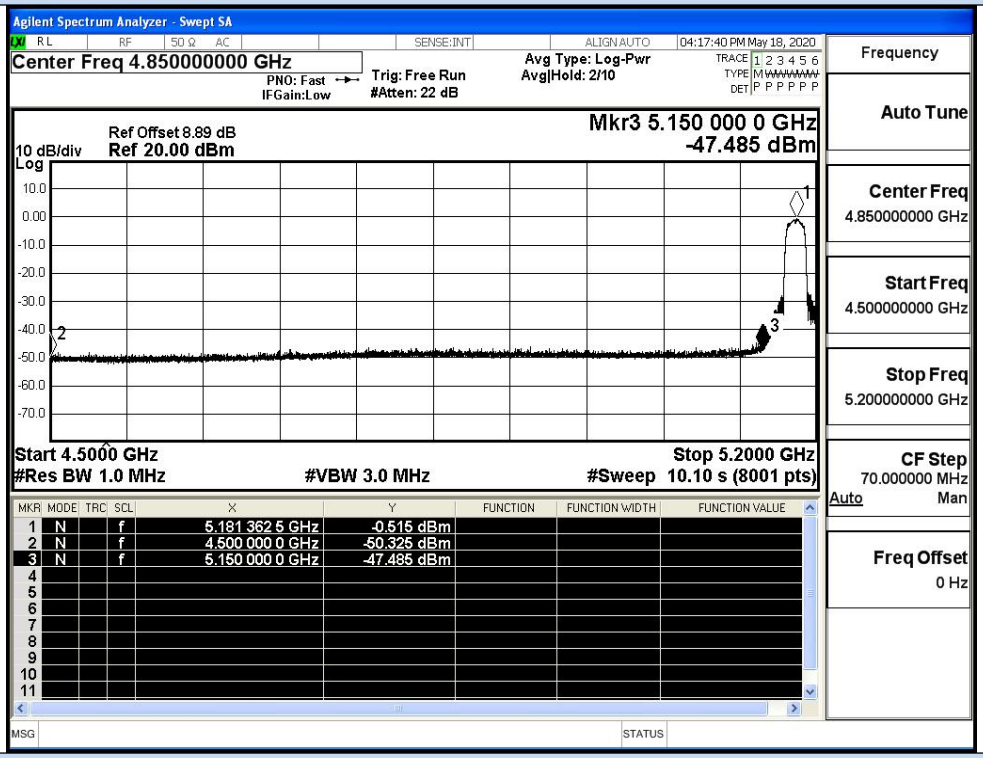


IEEE 802.11a / Channel 48 / 5240MHz / Peak

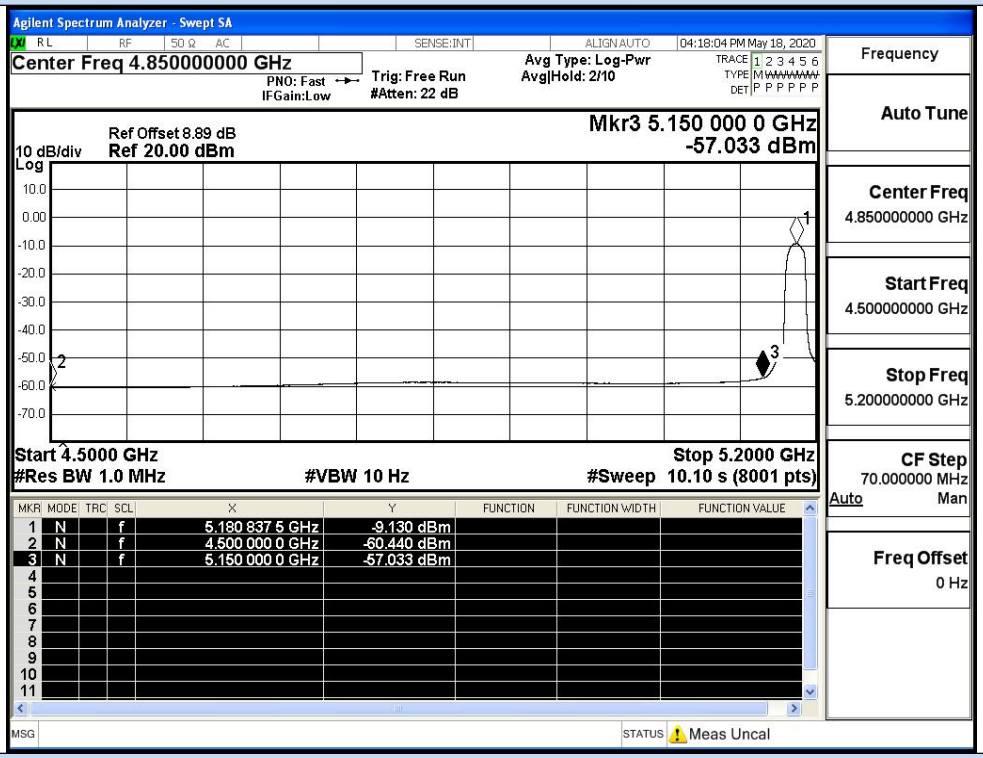


IEEE 802.11a / Channel 48 / 5240MHz / Average

Undesirable Emissions Measurement

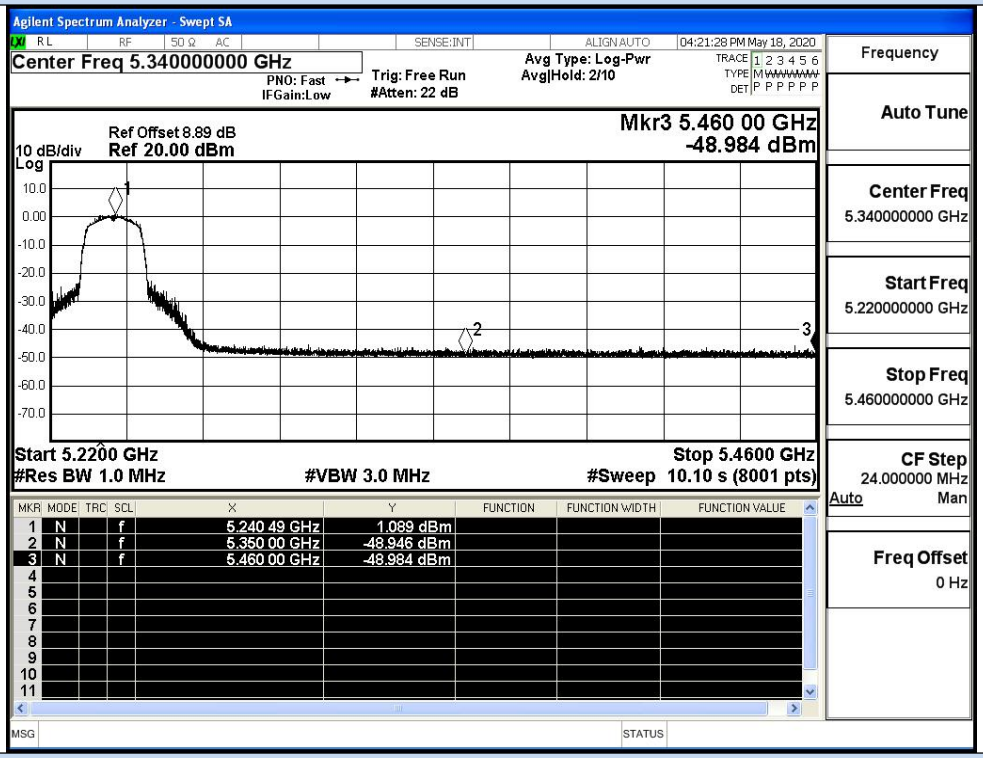


IEEE 802.11n20 / Channel 36 / 5180MHz / Peak

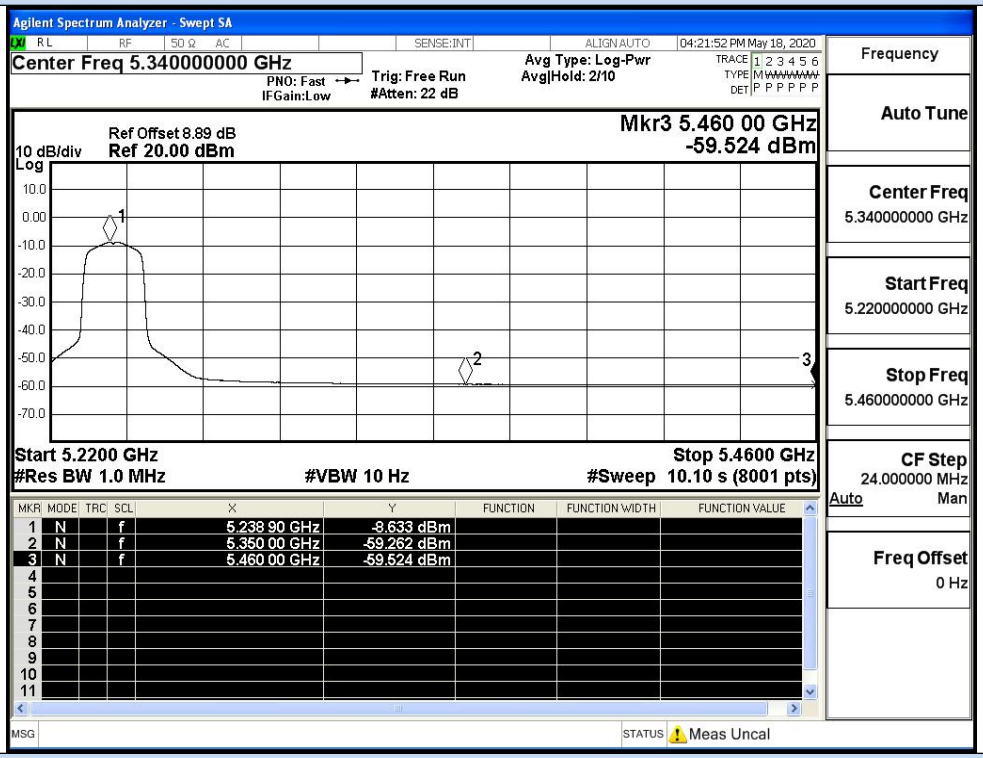


IEEE 802.11n20 / Channel 36 / 5180MHz / Average

Undesirable Emissions Measurement

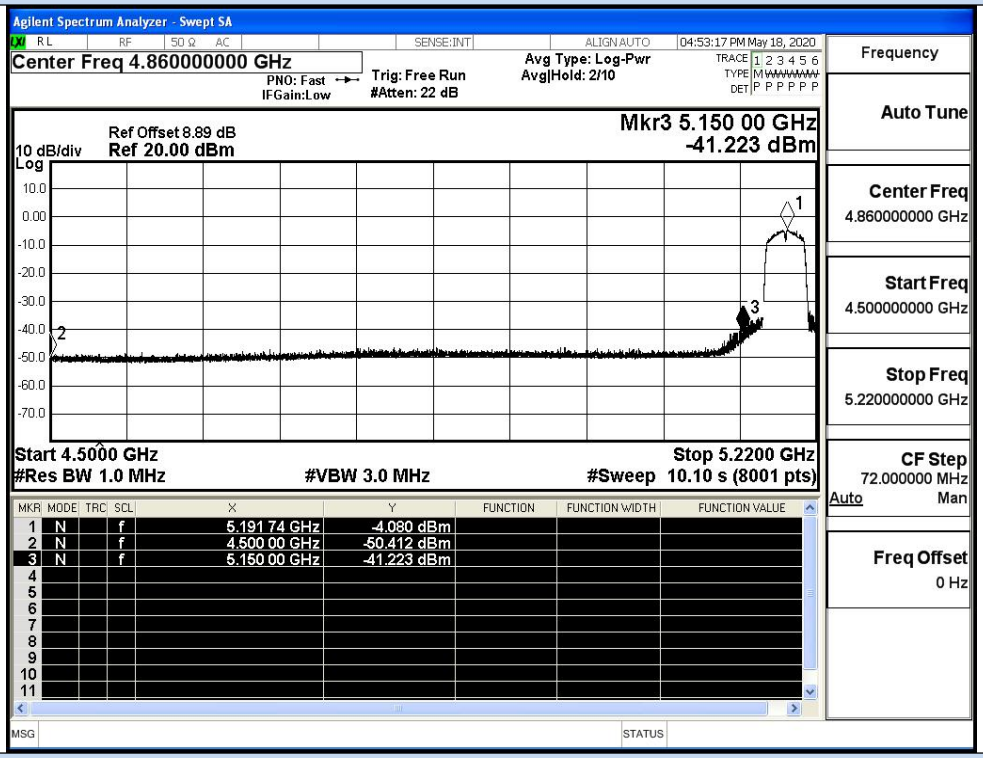


IEEE 802.11n20 / Channel 48 / 5240MHz / Peak

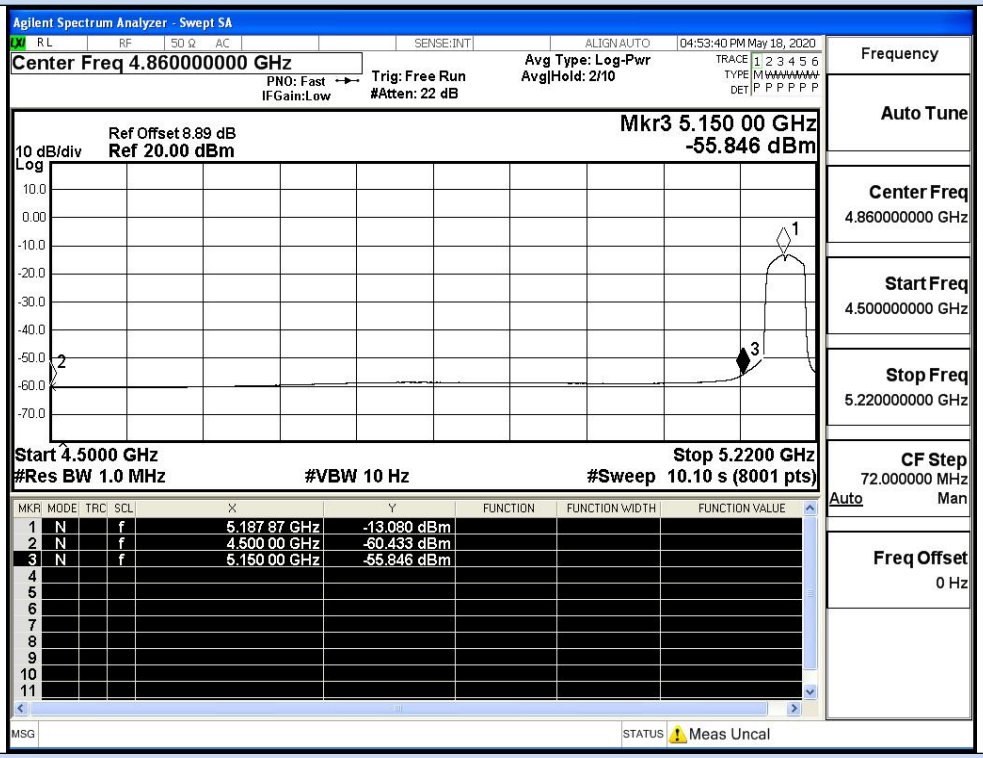


IEEE 802.11n20 / Channel 48 / 5240MHz / Average

Undesirable Emissions Measurement

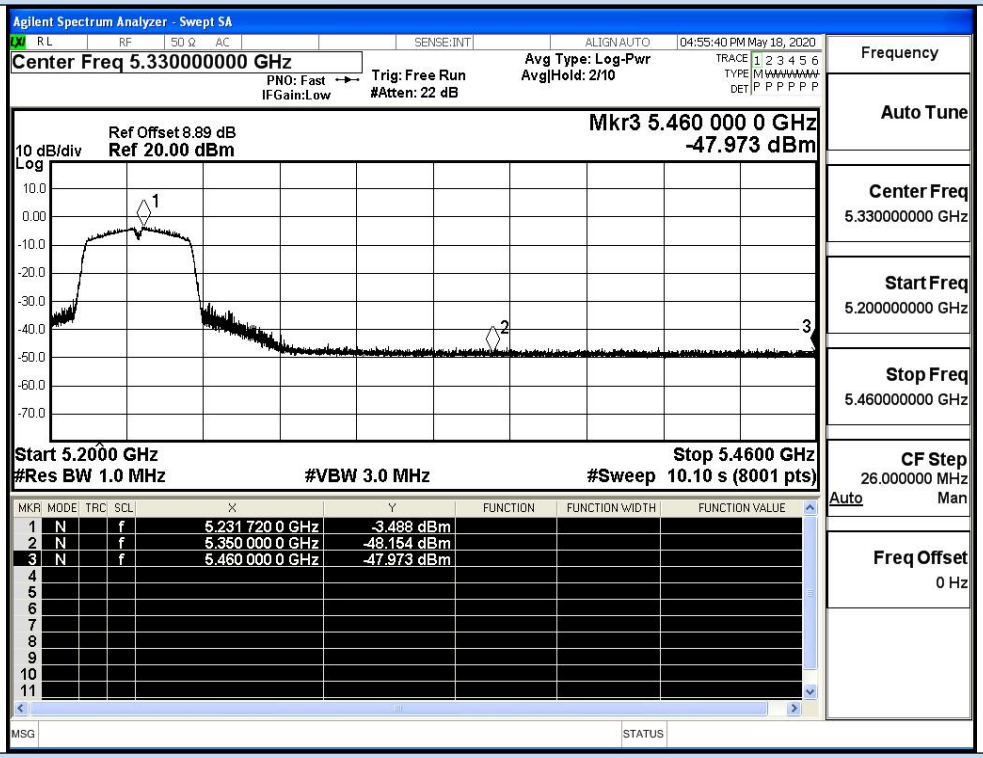


IEEE 802.11n40 / Channel 38 / 5190MHz / Peak

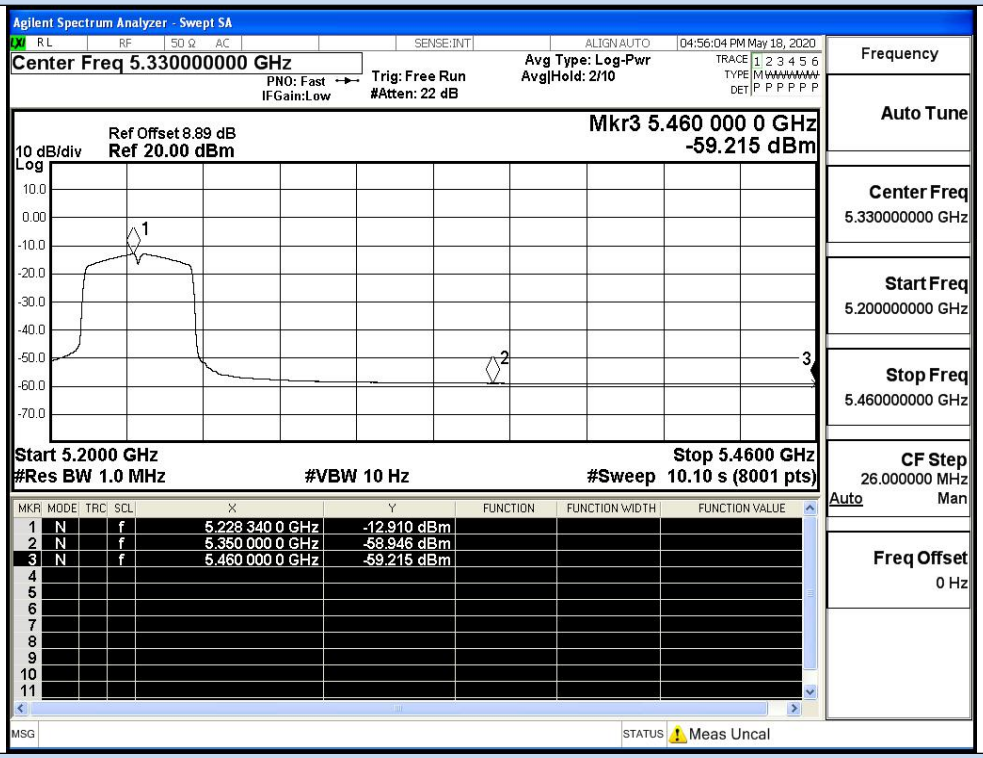


IEEE 802.11n40 / Channel 38 / 5190MHz / Average

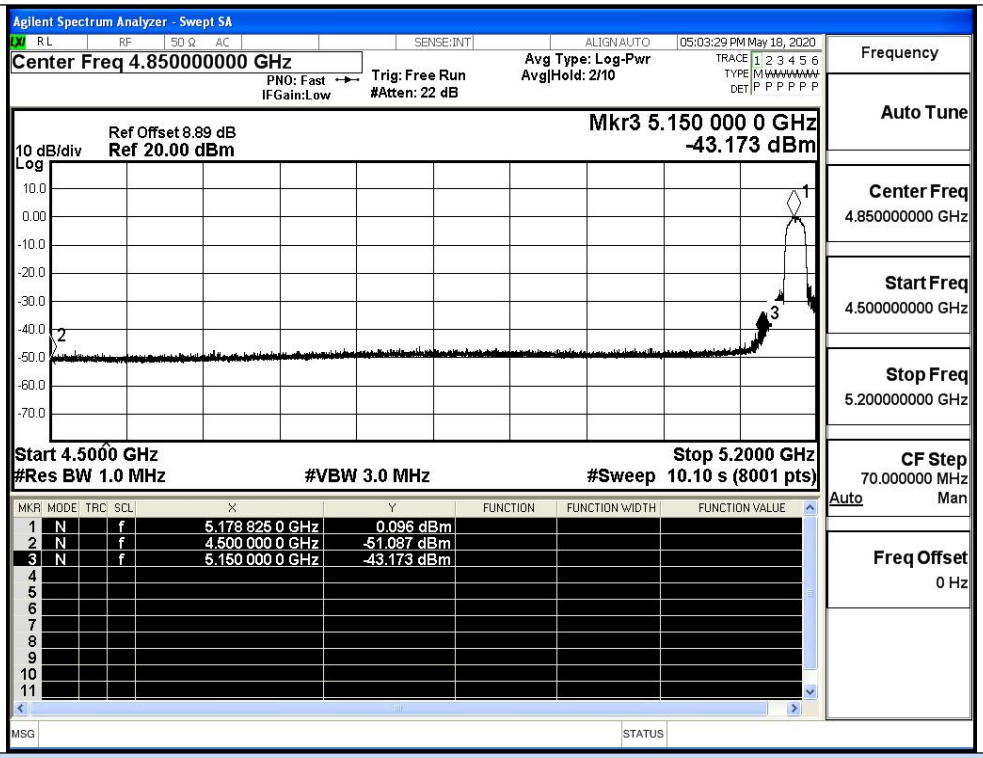
Undesirable Emissions Measurement



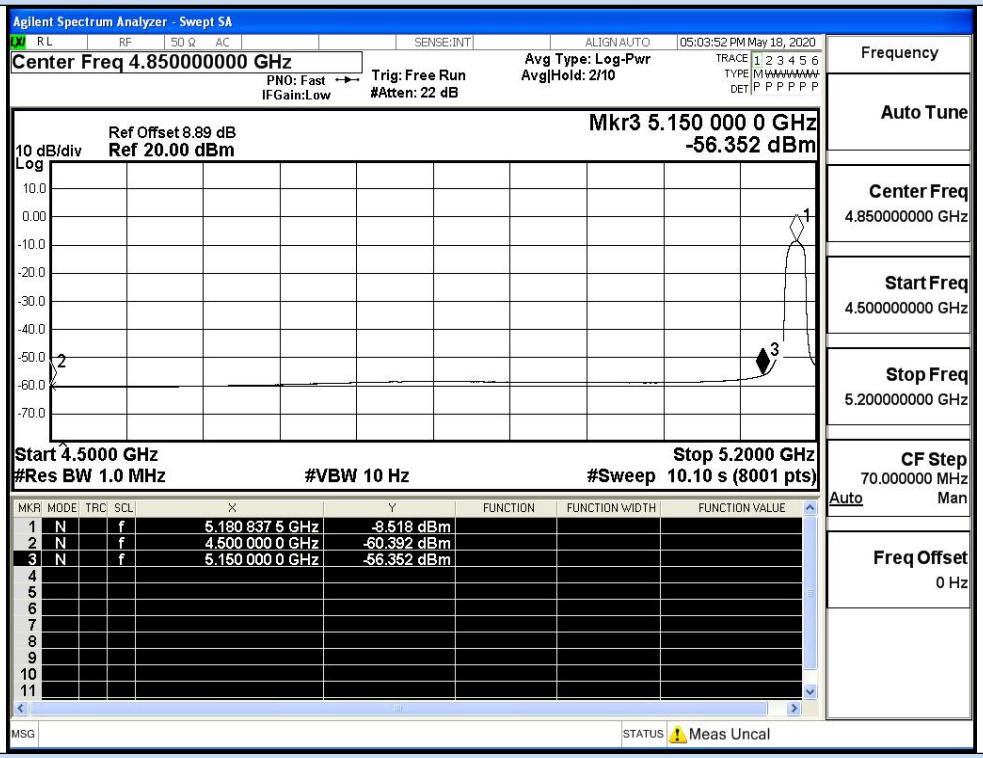
IEEE 802.11n40 / Channel 46 / 5230MHz / Peak



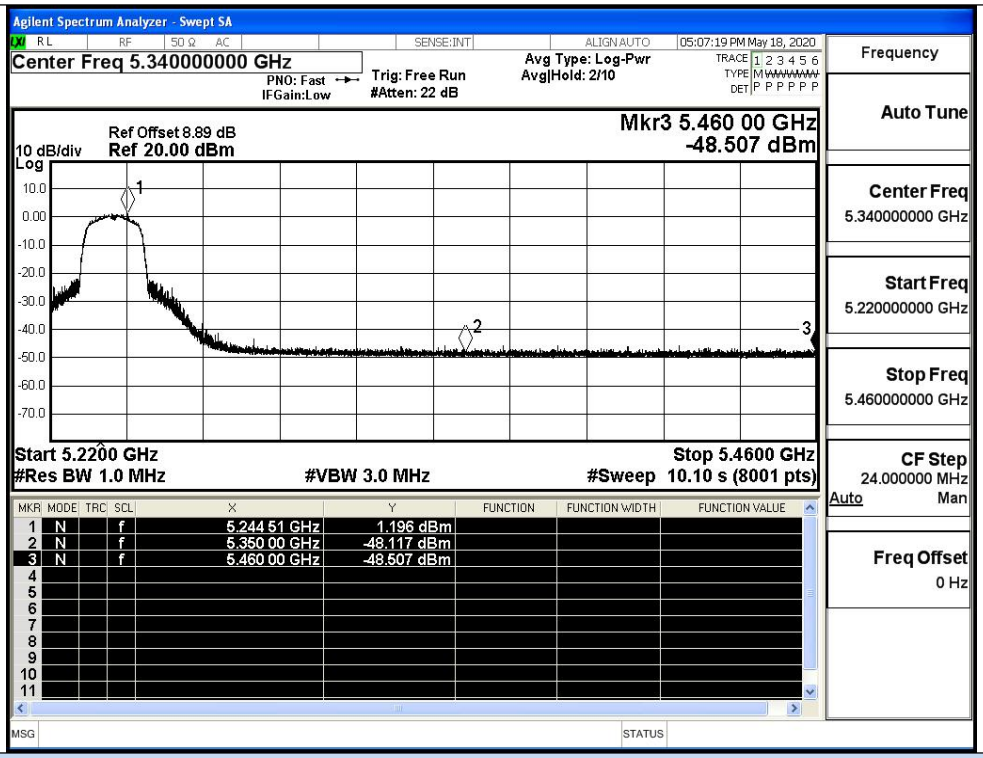
IEEE 802.11n40 / Channel 46 / 5230MHz / Average



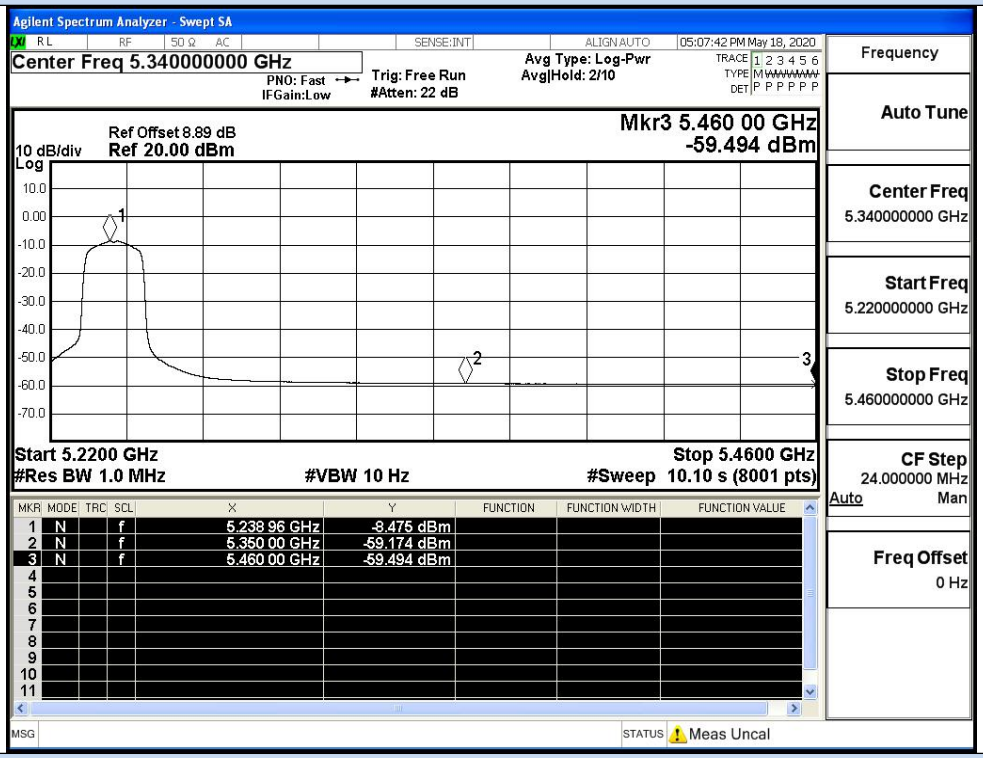
IEEE 802.11ac20 / Channel 36 / 5180MHz / Peak



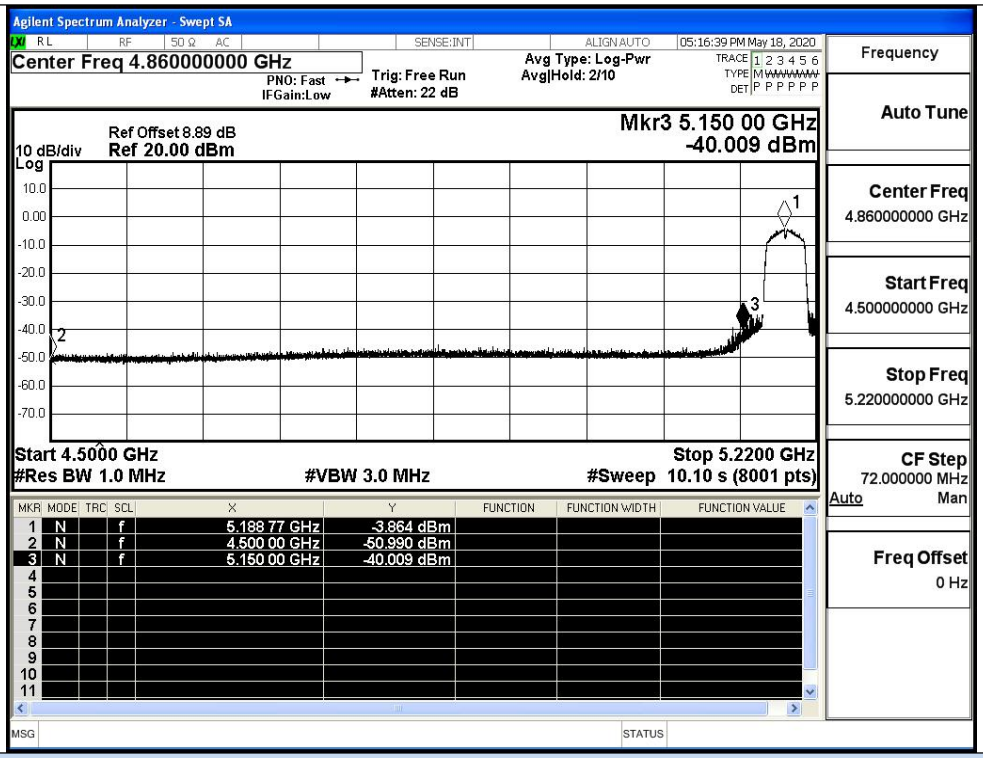
IEEE 802.11ac20 / Channel 36 / 5180MHz / Average



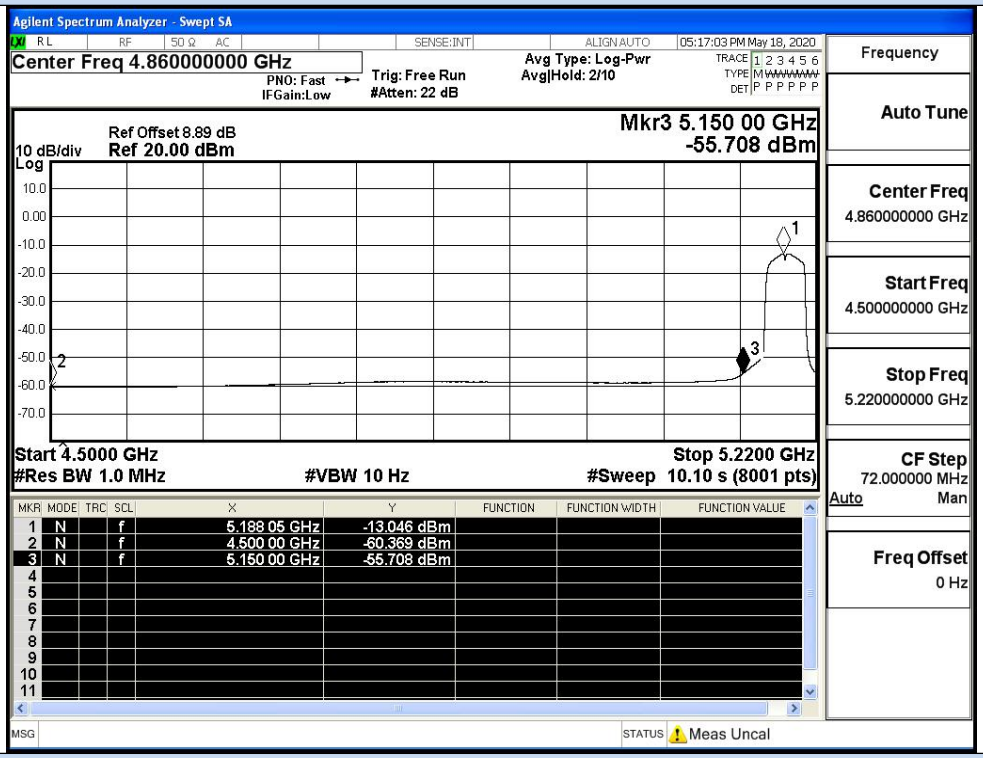
IEEE 802.11ac20 / Channel 48 / 5240MHz / Peak



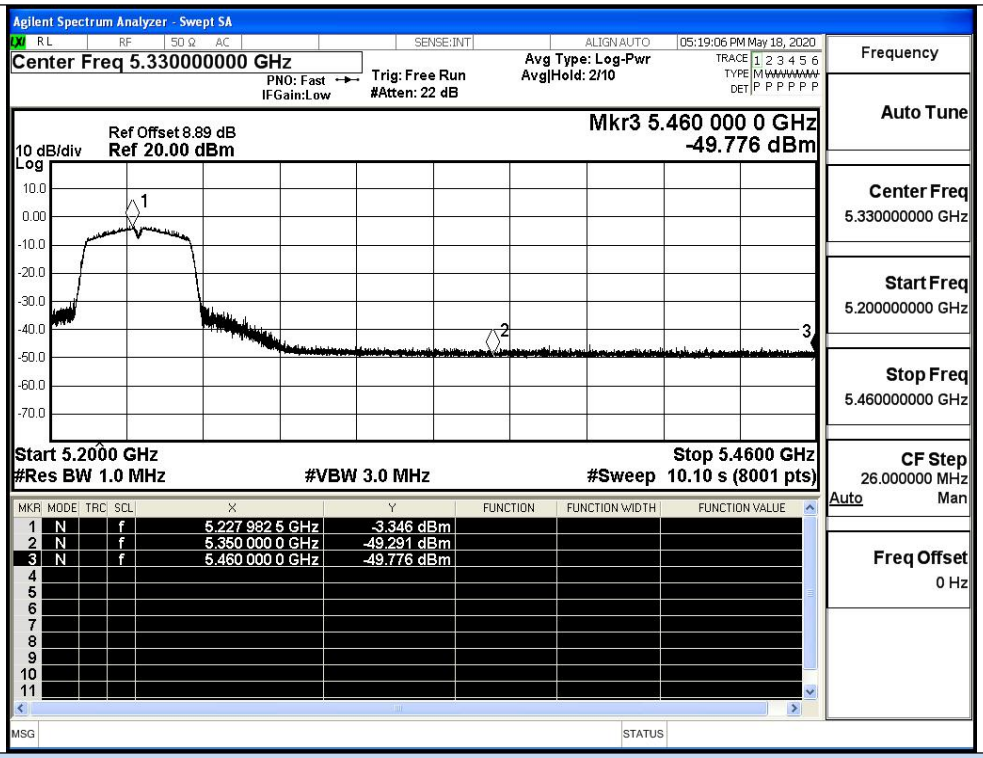
IEEE 802.11ac20 / Channel 48 / 5240MHz / Average



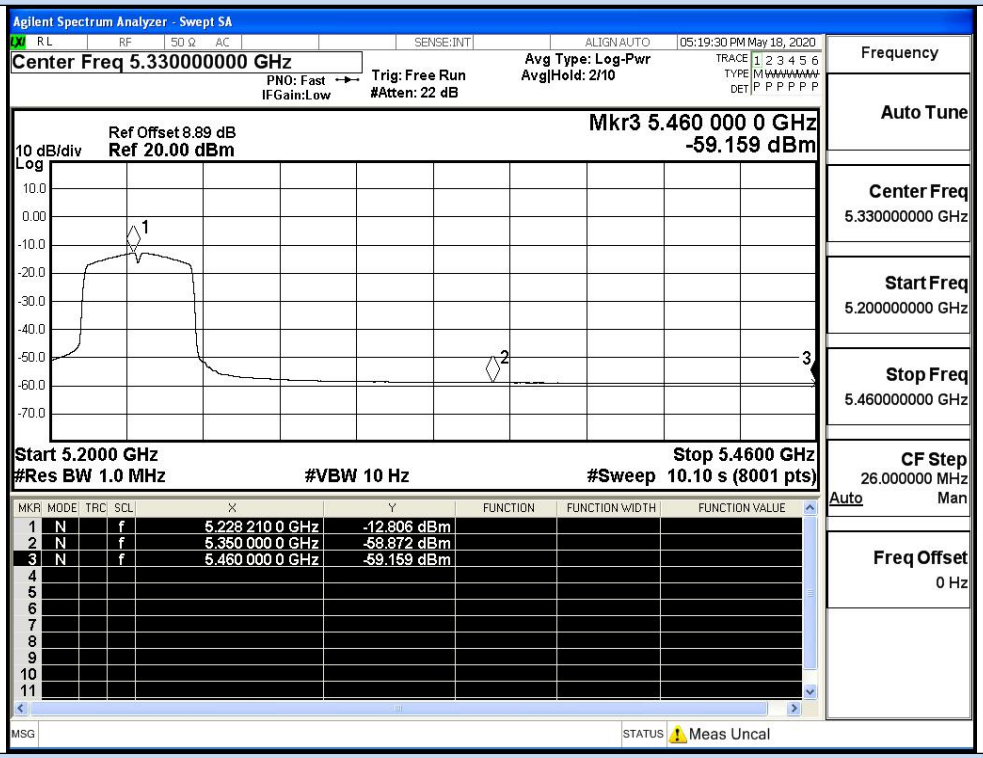
IEEE 802.11ac40 / Channel 38/ 5190MHz / Peak



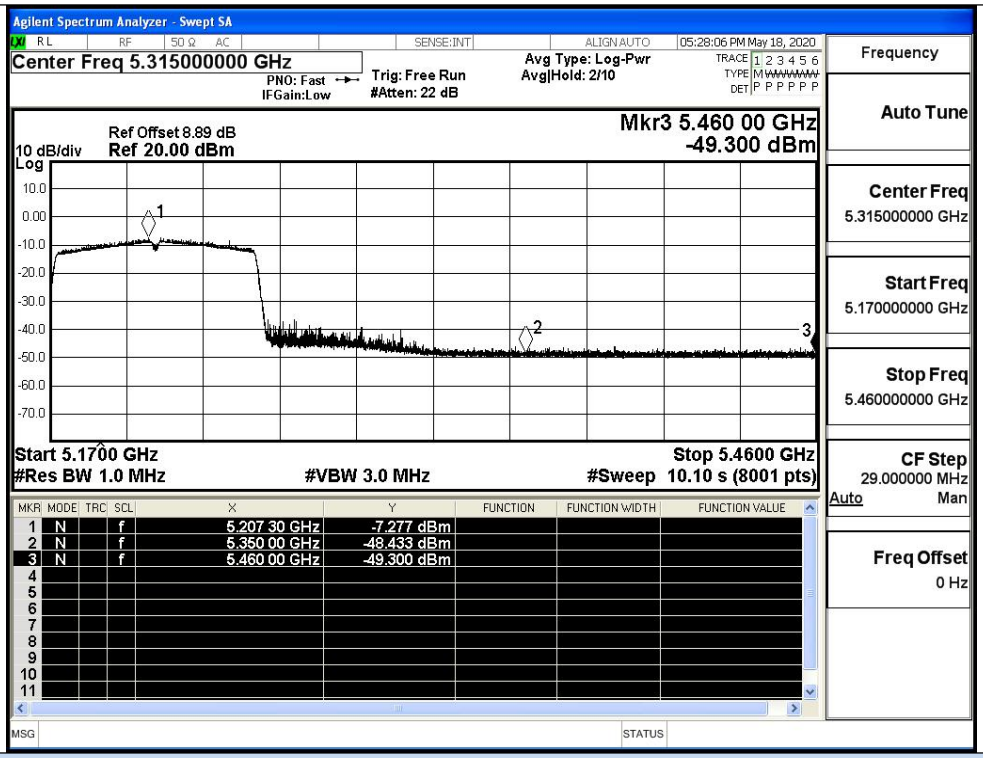
IEEE 802.11ac40 / Channel 38 / 5190MHz / Average



IEEE 802.11ac40 / Channel 46/ 5230MHz / Peak



IEEE 802.11ac40 / Channel 46 / 5230MHz / Average



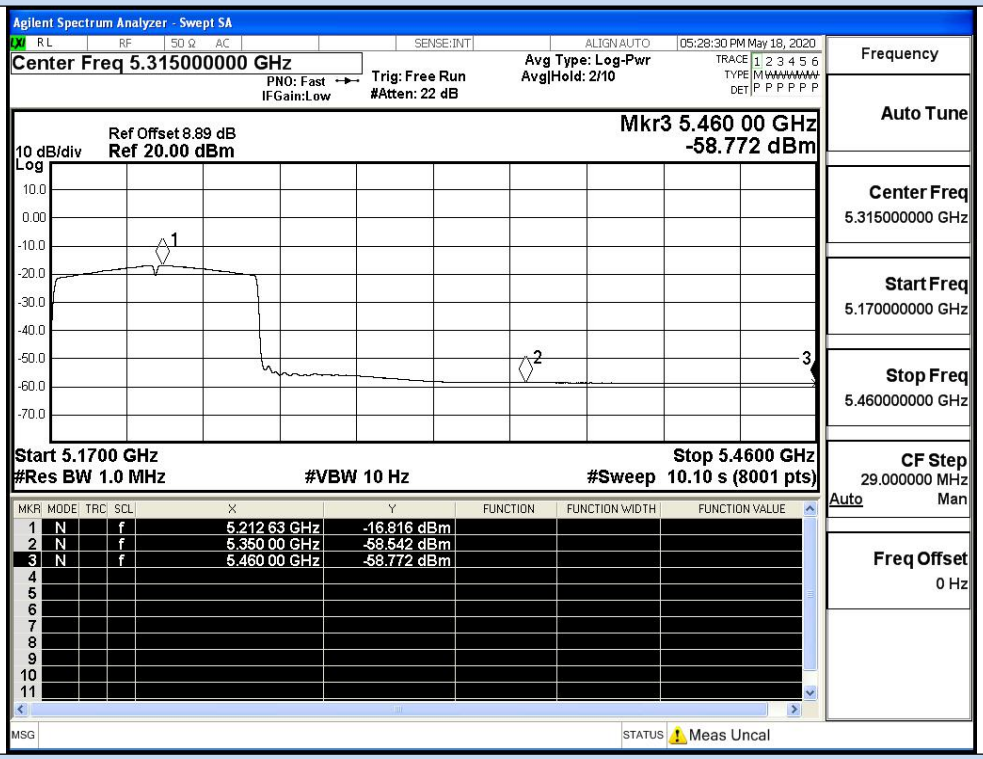
IEEE 802.11ac80 / Channel 42 / 5210MHz / Peak

#imgrb11ac80siso5210nnav

IEEE 802.11ac80 / Channel 42 / 5210MHz / Average

#imgrb11ac80siso15210nnpeak

IEEE 802.11ac80 / Channel 42/ 5210MHz / Peak

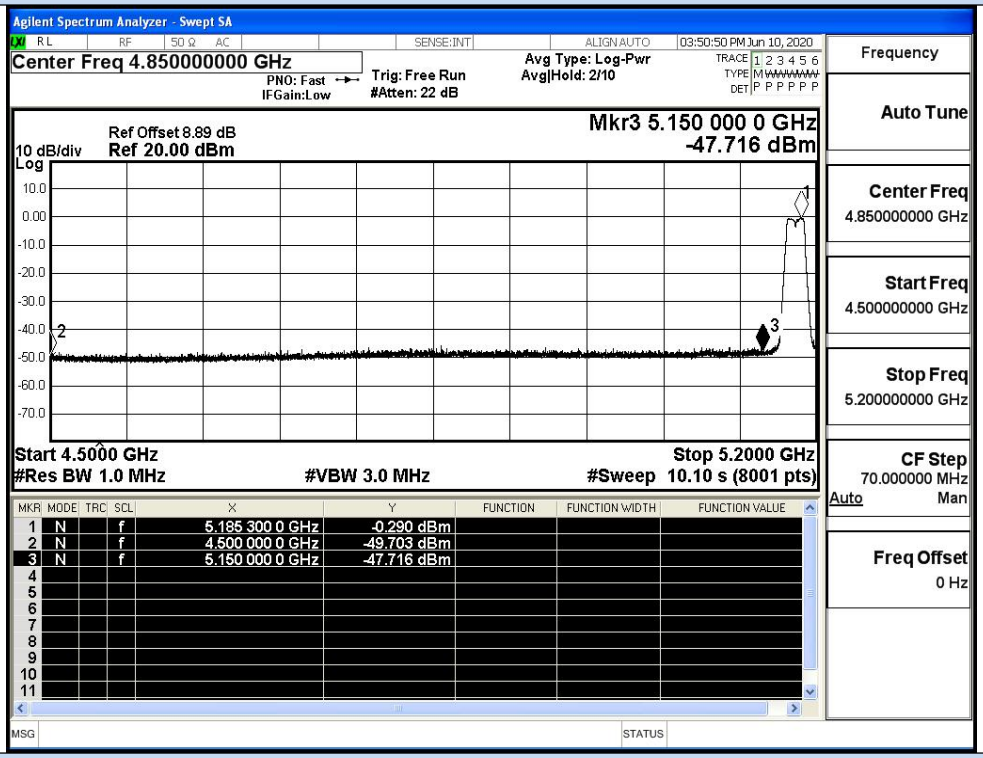


IEEE 802.11ac80 / Channel 42 / 5210MHz / Average

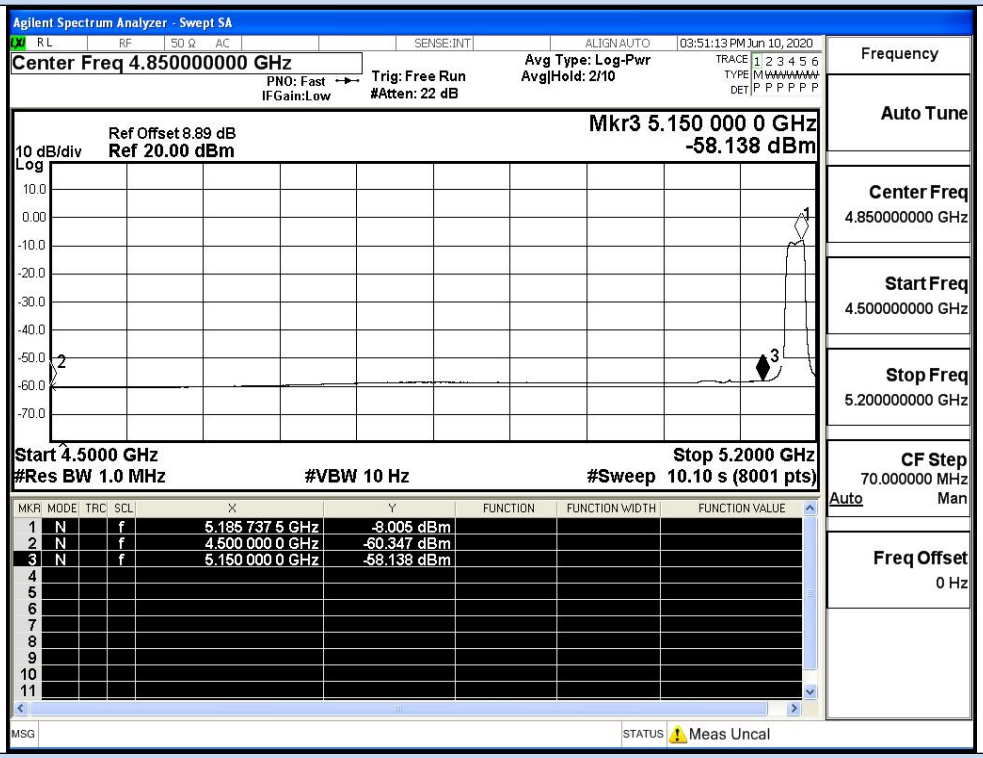
ANT 1

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	Ground Reflection Factor (dB)	Covert Radiated E Level At 3m (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
11A	36	4500.0	-49.70	2.00	0	45.52	Peak	68.20	Pass
		4500.0	-60.35	2.00	0	34.88	Average	54.00	Pass
		5150.0	-47.72	2.00	0	47.51	Peak	68.20	Pass
		5150.0	-58.14	2.00	0	37.09	Average	54.00	Pass
	48	5350.0	-47.34	2.00	0	47.88	Peak	68.20	Pass
		5350.0	-58.51	2.00	0	36.72	Average	54.00	Pass
		5460.0	-47.18	2.00	0	48.05	Peak	68.20	Pass
		5460.0	-58.42	2.00	0	36.81	Average	54.00	Pass
11N20 SISO	36	4500.0	-50.21	2.00	0	45.02	Peak	68.20	Pass
		4500.0	-59.62	2.00	0	35.61	Average	54.00	Pass
		5150.0	-48.03	2.00	0	47.20	Peak	68.20	Pass
		5150.0	-57.28	2.00	0	37.95	Average	54.00	Pass
	48	5350.0	-47.62	2.00	0	47.61	Peak	68.20	Pass
		5350.0	-58.54	2.00	0	36.69	Average	54.00	Pass
		5460.0	-47.25	2.00	0	47.98	Peak	68.20	Pass
		5460.0	-58.55	2.00	0	36.67	Average	54.00	Pass
11N40 SISO	38	4500.0	-50.18	2.00	0	45.05	Peak	68.20	Pass
		4500.0	-59.68	2.00	0	35.55	Average	54.00	Pass
		5150.0	-47.14	2.00	0	48.09	Peak	68.20	Pass
		5150.0	-57.25	2.00	0	37.98	Average	54.00	Pass
	46	5350.0	-47.73	2.00	0	47.50	Peak	68.20	Pass
		5350.0	-58.39	2.00	0	36.84	Average	54.00	Pass
		5460.0	-48.90	2.00	0	46.33	Peak	68.20	Pass
		5460.0	-58.39	2.00	0	36.84	Average	54.00	Pass
11AC20 SISO	36	4500.0	-50.39	2.00	0	44.84	Peak	68.20	Pass
		4500.0	-59.71	2.00	0	35.52	Average	54.00	Pass
		5150.0	-48.02	2.00	0	47.21	Peak	68.20	Pass
		5150.0	-57.52	2.00	0	37.70	Average	54.00	Pass
	48	4500.0	-50.39	2.00	0	44.84	Peak	68.20	Pass
		4500.0	-59.71	2.00	0	35.52	Average	54.00	Pass
		5150.0	-48.02	2.00	0	47.21	Peak	68.20	Pass
		5150.0	-57.52	2.00	0	37.70	Average	54.00	Pass
11AC40 SISO	38	4500.0	-49.08	2.00	0	46.15	Peak	68.20	Pass
		4500.0	-59.69	2.00	0	35.54	Average	54.00	Pass
		5150.0	-47.27	2.00	0	47.96	Peak	68.20	Pass
		5150.0	-57.32	2.00	0	37.91	Average	54.00	Pass
	46	5350.0	-47.88	2.00	0	47.35	Peak	68.20	Pass
		5350.0	-58.36	2.00	0	36.87	Average	54.00	Pass
		5460.0	-47.68	2.00	0	47.55	Peak	68.20	Pass
		5460.0	-58.36	2.00	0	36.87	Average	54.00	Pass
11AC80 SISO	42	4500.0	-48.28	2.00	0	46.95	Peak	68.20	Pass
		5150.0	-57.74	2.00	0	37.49	Average	54.00	Pass
		4500.0	-47.47	2.00	0	47.75	Peak	68.20	Pass
		5150.0	-57.81	2.00	0	37.41	Average	54.00	Pass
		5350.0	-48.28	2.00	0	46.95	Peak	68.20	Pass
		5460.0	-57.74	2.00	0	37.49	Average	54.00	Pass
		5350.0	-47.47	2.00	0	47.75	Peak	68.20	Pass
		5460.0	-57.81	2.00	0	37.41	Average	54.00	Pass

Undesirable Emissions Measurement

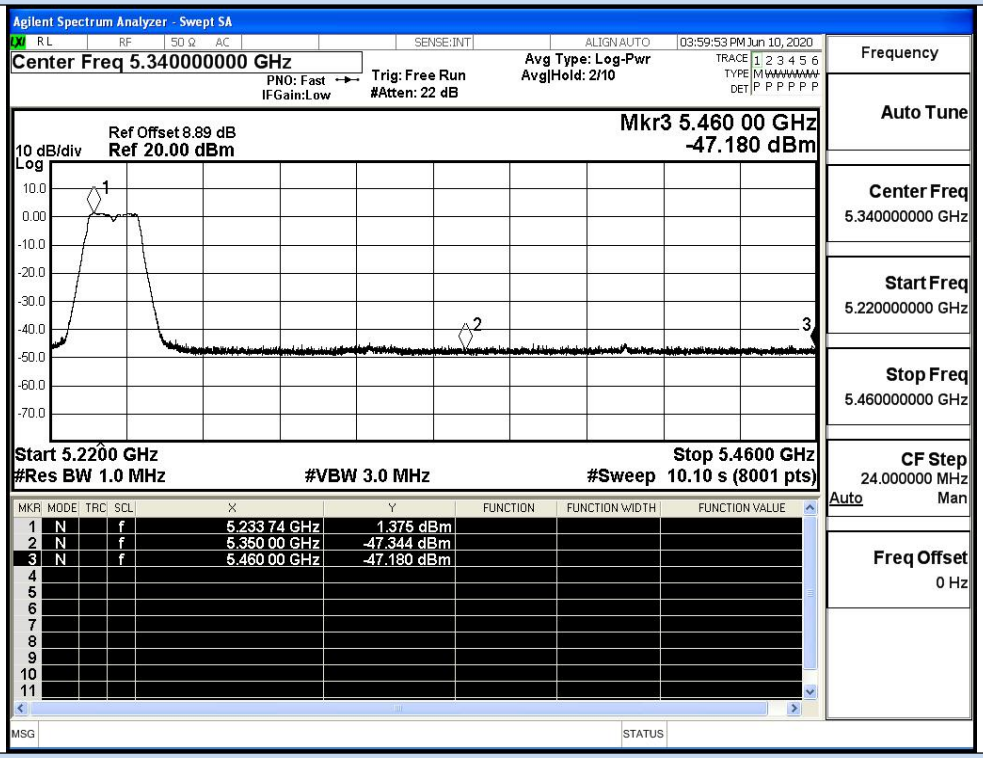


IEEE 802.11a / Channel 36 / 5180MHz / Peak

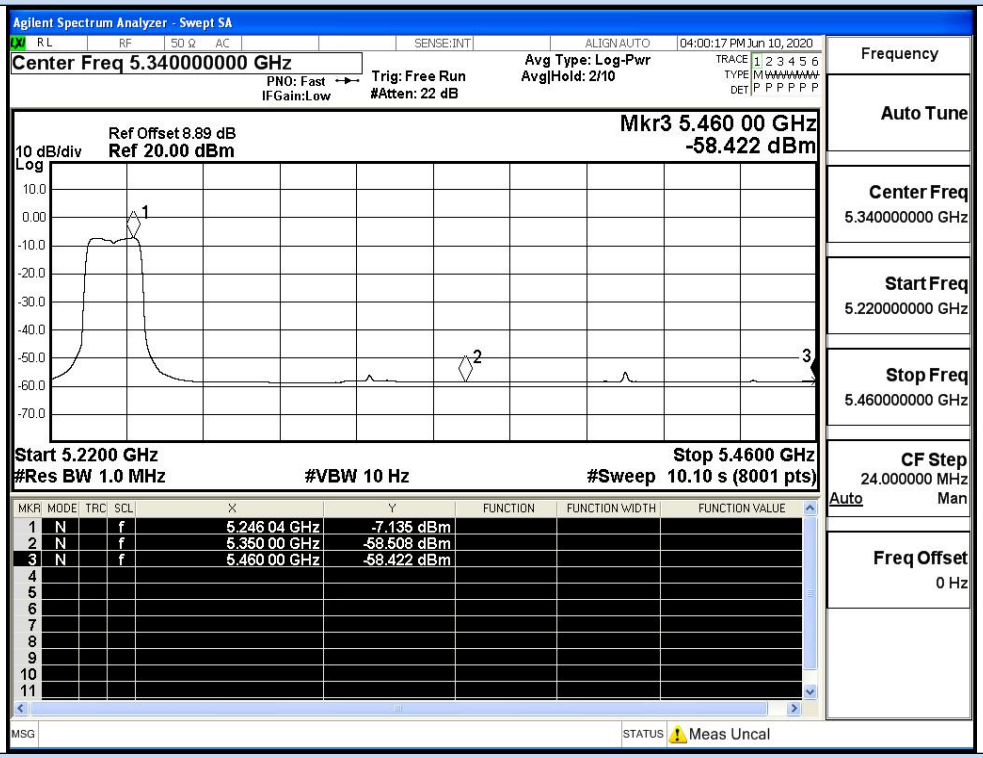


IEEE 802.11a / Channel 36 / 5180MHz / Average

Undesirable Emissions Measurement

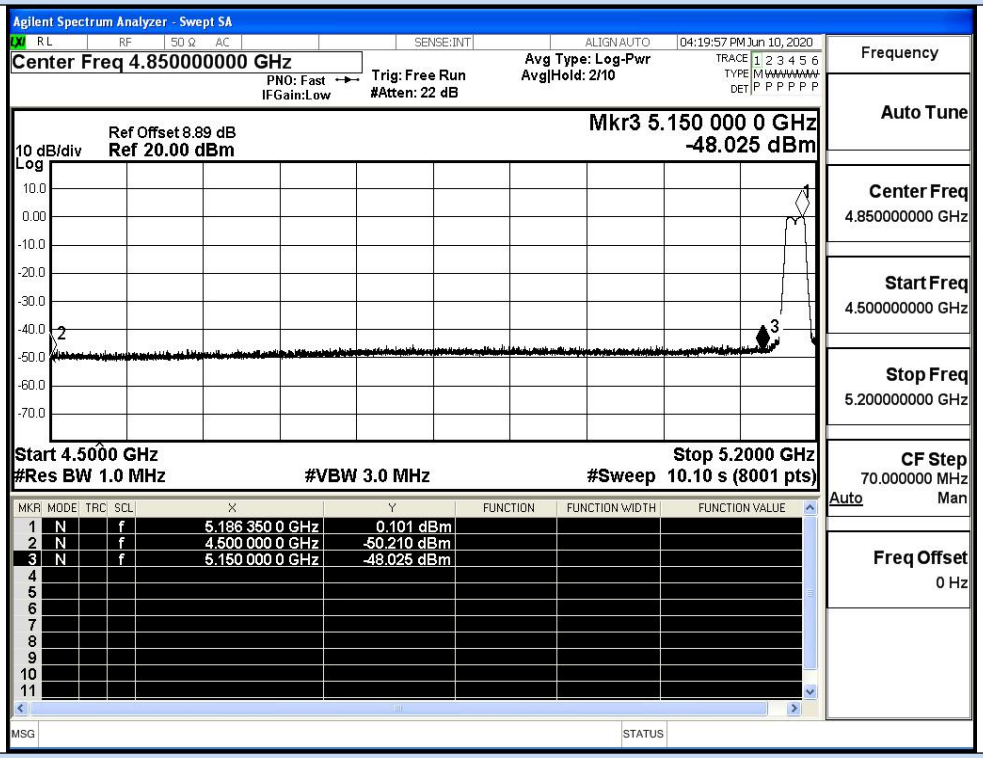


IEEE 802.11a / Channel 48 / 5240MHz / Peak

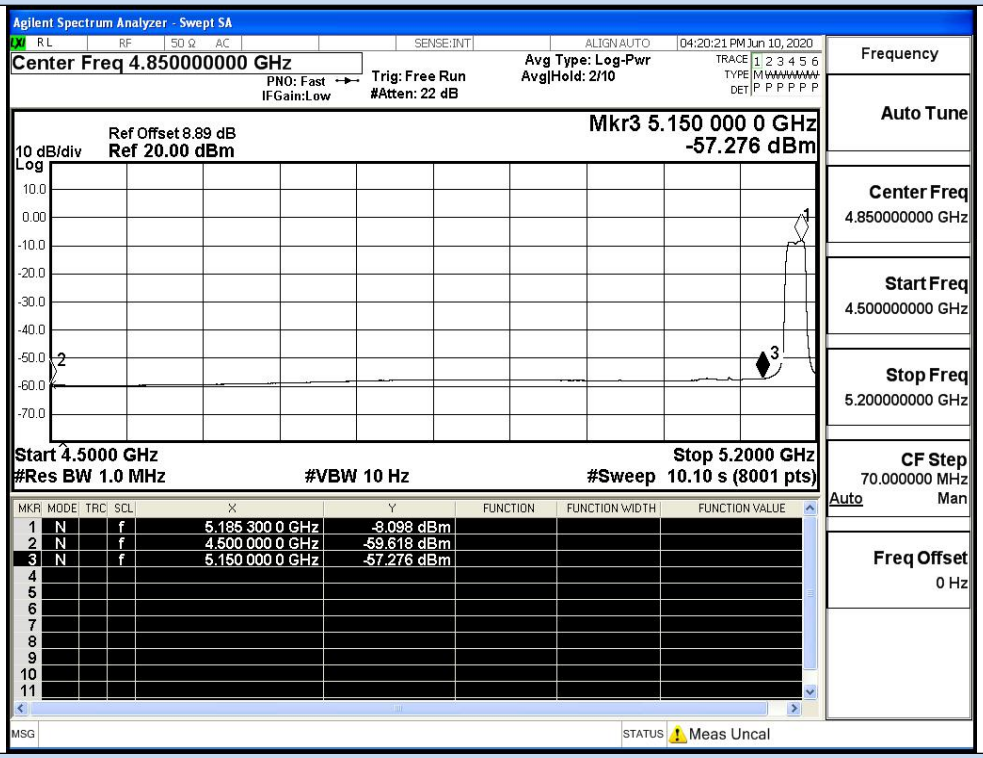


IEEE 802.11a / Channel 48 / 5240MHz / Average

Undesirable Emissions Measurement



IEEE 802.11n20 / Channel 36 / 5180MHz / Peak



IEEE 802.11n20 / Channel 36 / 5180MHz / Average