Appendix D

RF Test Data for 5.2G WLAN (Conducted Measurement)

Product Name: Wi-Fi Adapter

Trade Mark: N/A

Test Model: AP0100

Environmental Conditions

Temperature:	23.8 °C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Wang.Chuang
Supervised by:	Tom.Liu

D.1 Duty Cycle

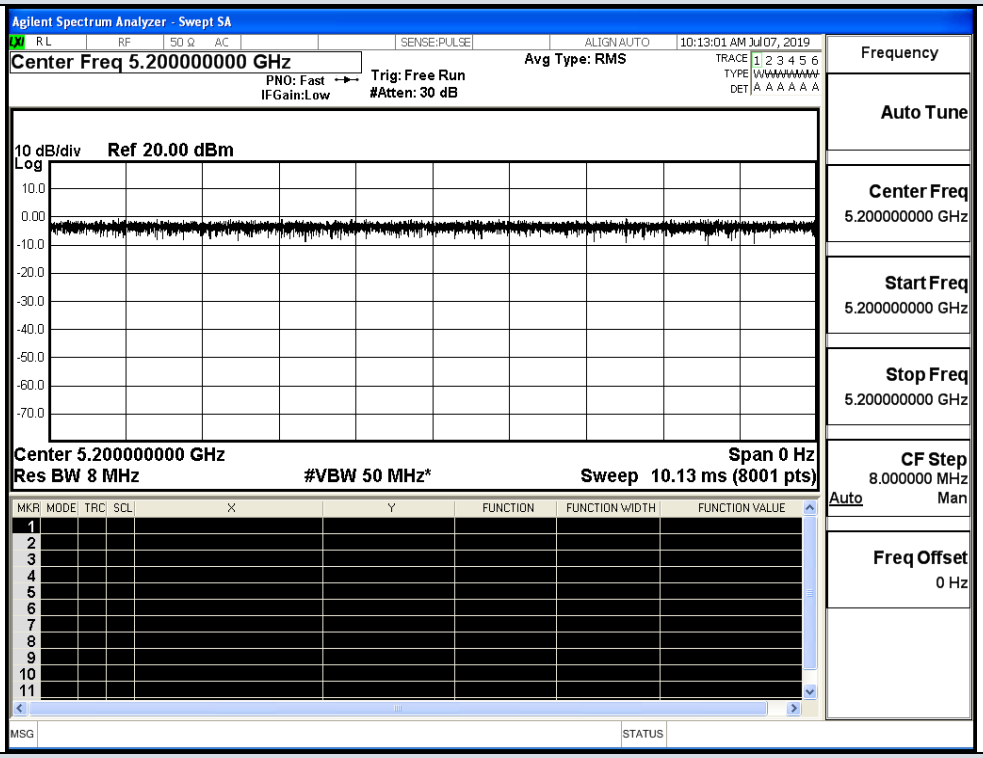
Antenna 0

Test Mode	Test Frequency (MHz)	Duty Cycle (%)	10log(1/x) Factor (dB)	1/B Minimum VBW (KHz)
11A	5200	100	0.00	0.01
11N20 SISO	5200	100	0.00	0.01
11N40 SISO	5190	100	0.00	0.01
11AC20 SISO	5200	100	0.00	0.01
11AC40 SISO	5190	100	0.00	0.01
11AC80 SISO	5210	100	0.00	0.01

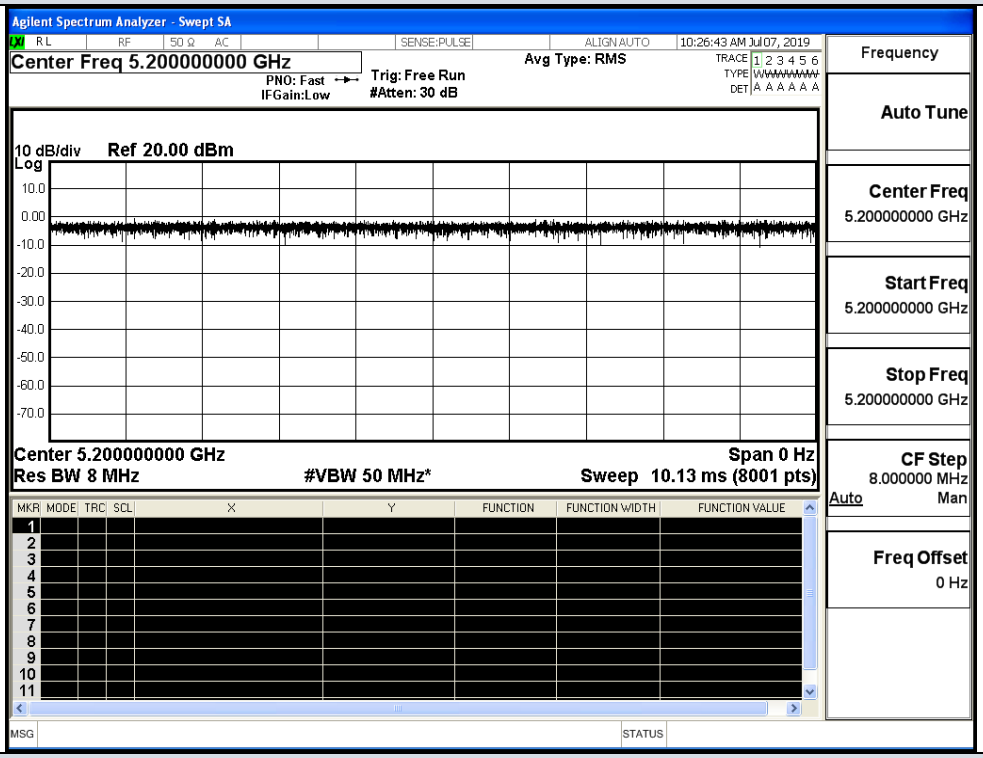
Antenna 1

Test Mode	Test Frequency (MHz)	Duty Cycle (%)	10log(1/x) Factor (dB)	1/B Minimum VBW (KHz)
11A	5200	100	0.00	0.01
11N20 SISO	5200	100	0.00	0.01
11N40 SISO	5190	100	0.00	0.01
11AC20 SISO	5200	100	0.00	0.01
11AC40 SISO	5190	100	0.00	0.01
11AC80 SISO	5210	100	0.00	0.01

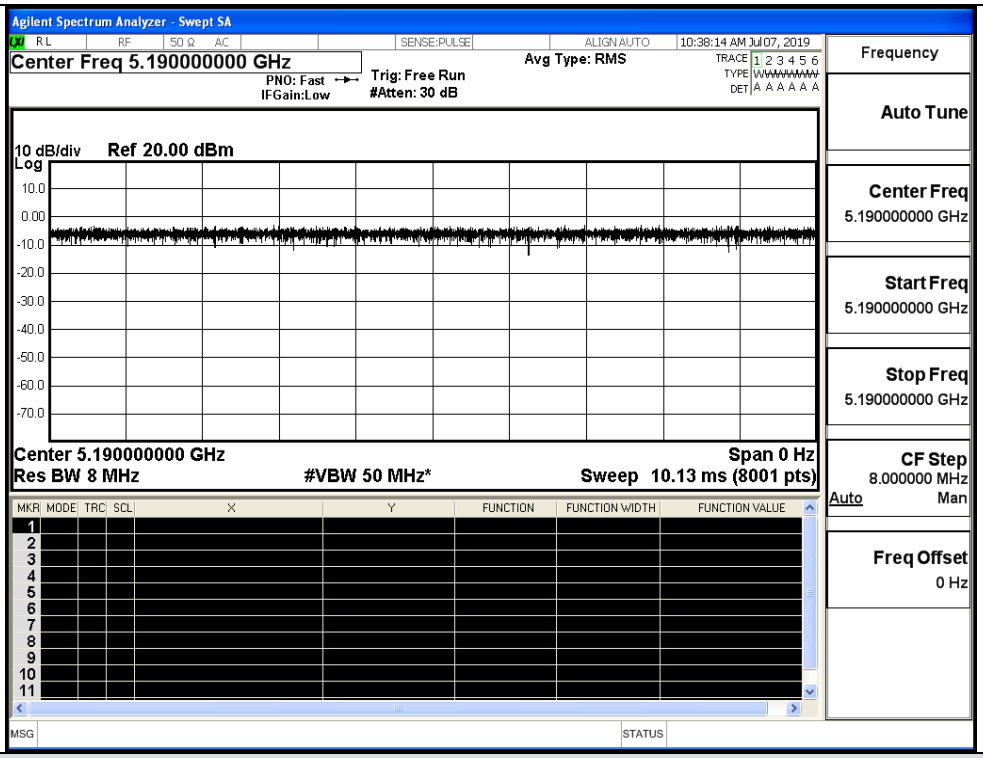
On Time and Duty Cycle Ant 0



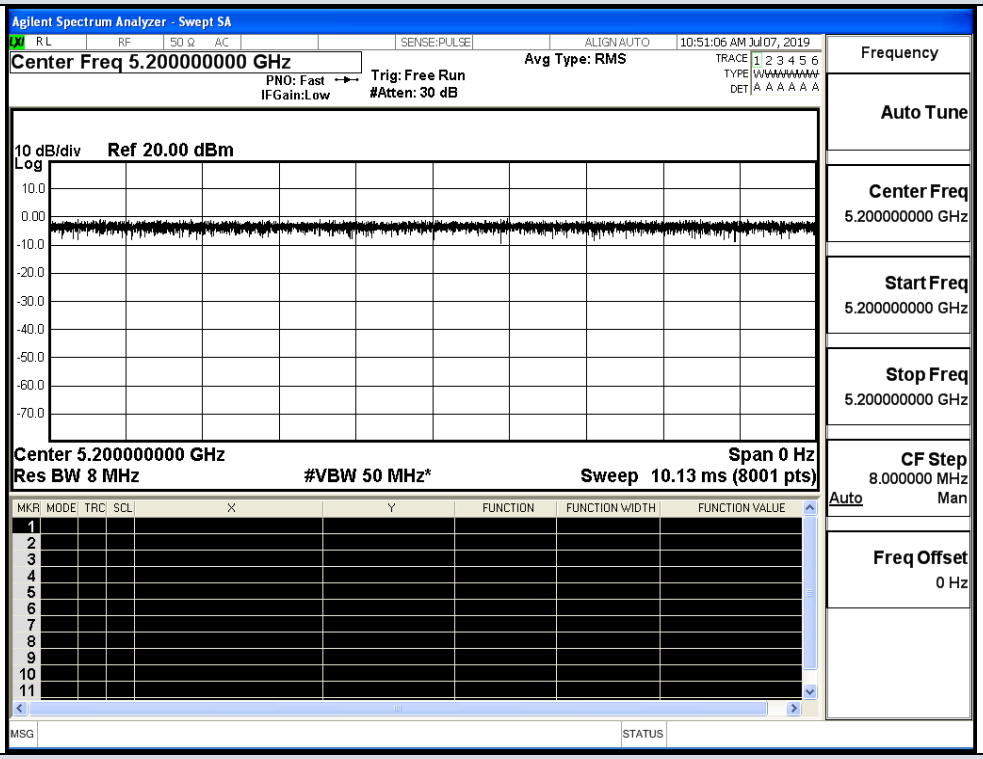
IEEE 802.11a



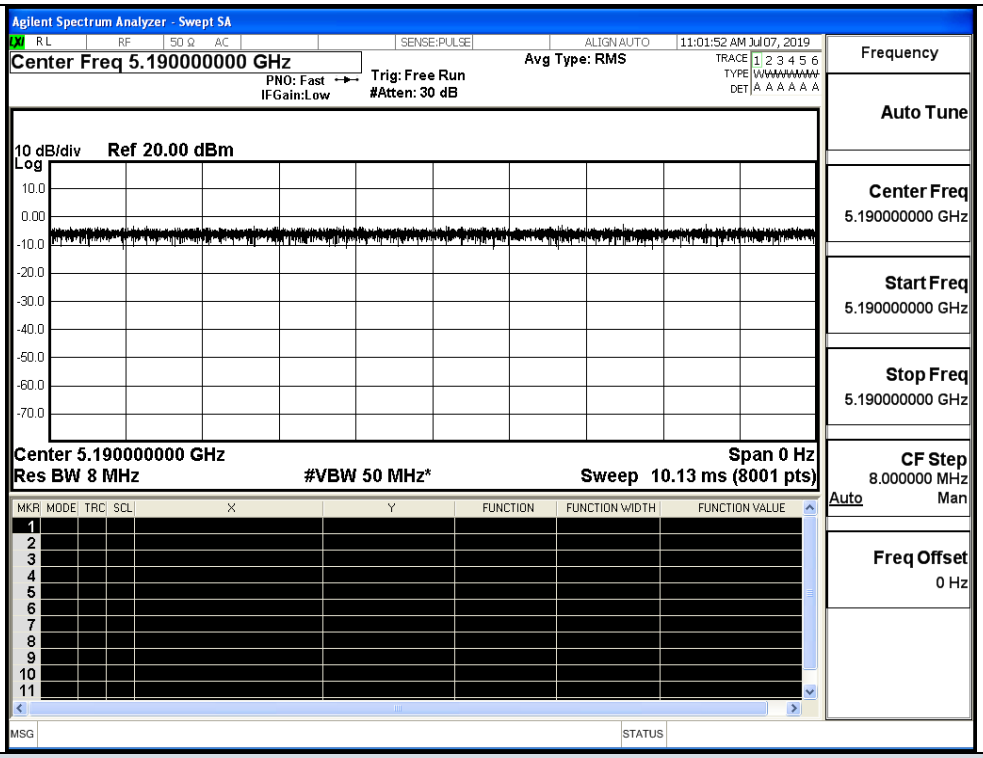
IEEE 802.11n HT20



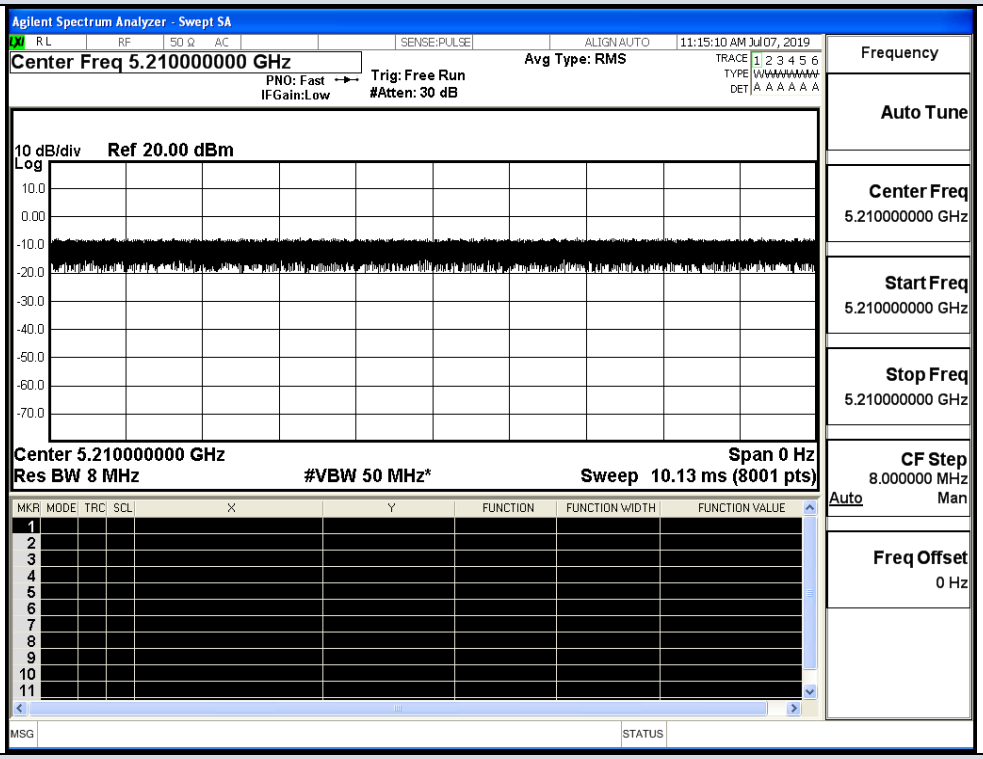
IEEE 802.11n HT40



IEEE 802.11ac VHT20

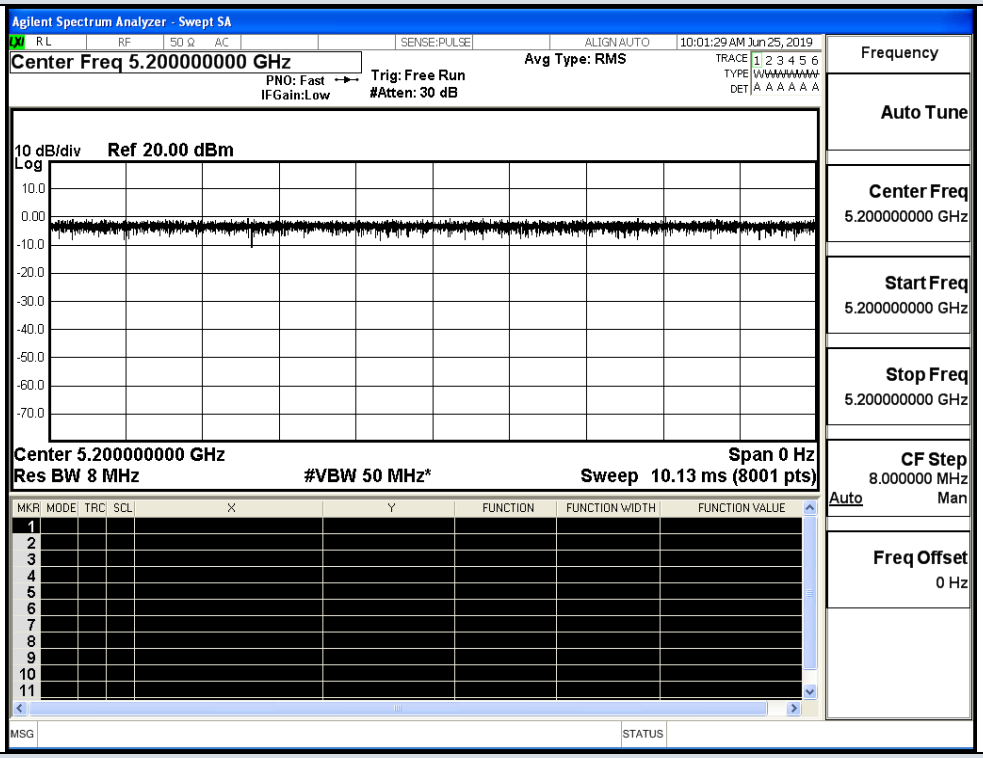


IEEE 802.11ac VHT40

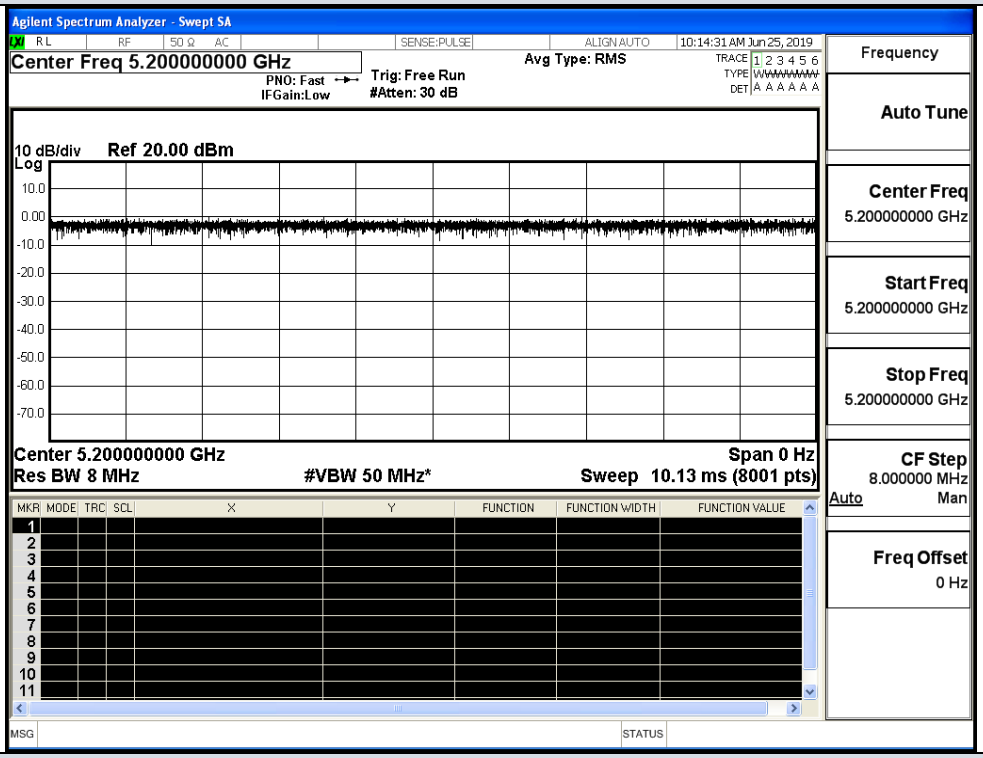


IEEE 802.11ac VHT80

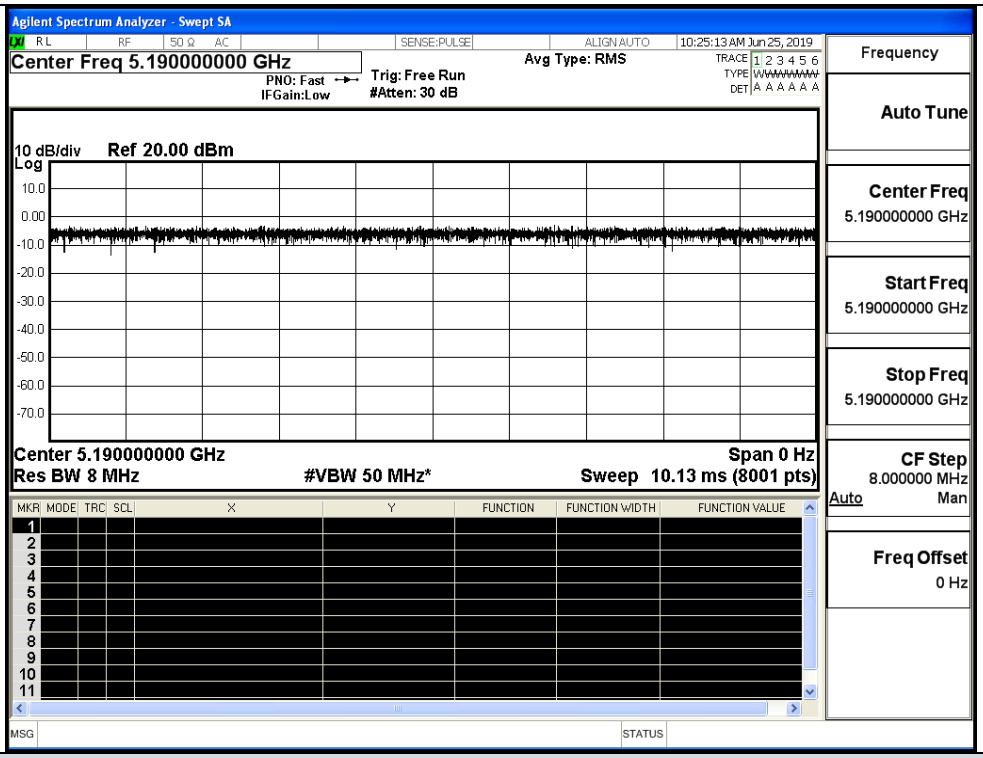
On Time and Duty Cycle Ant 1



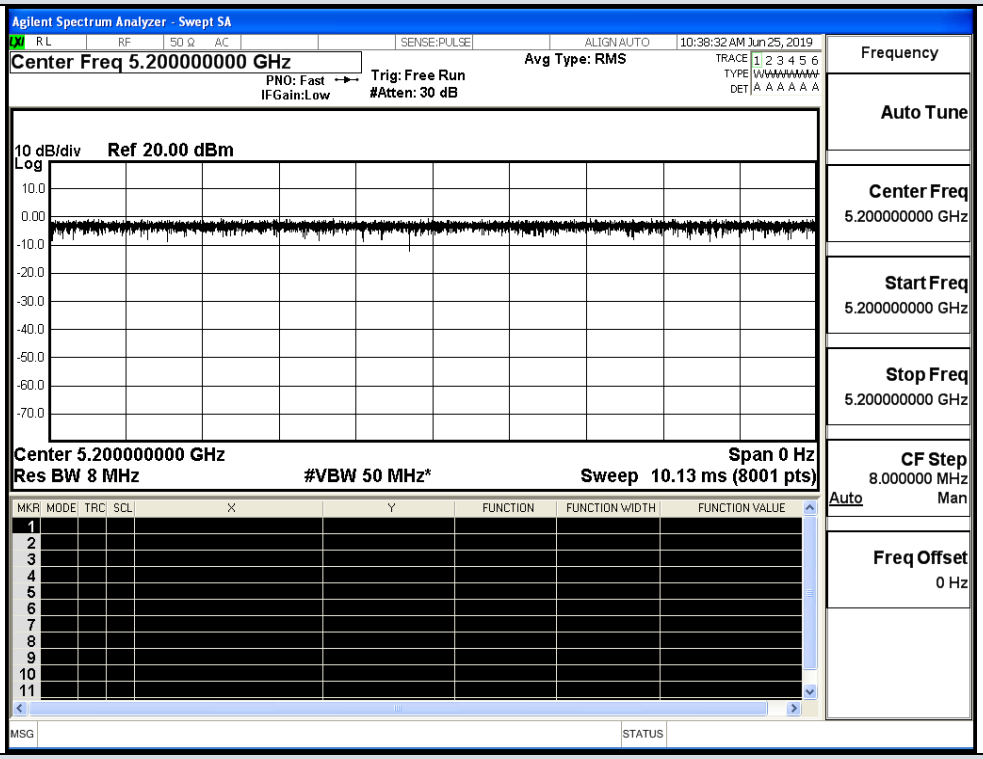
IEEE 802.11a



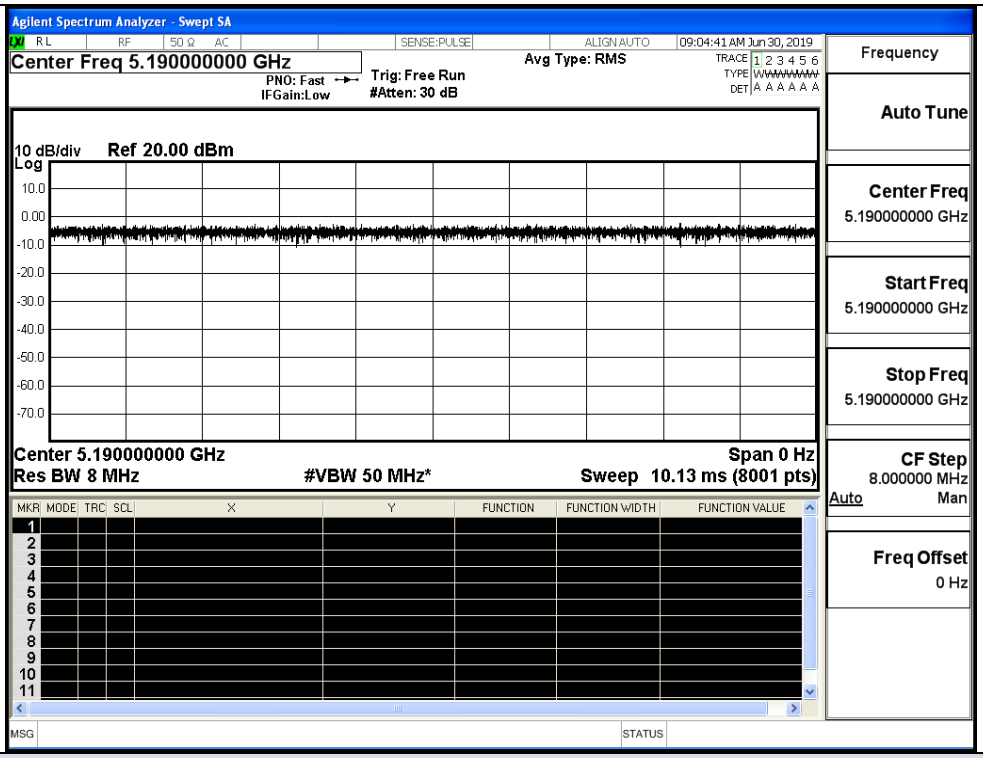
IEEE 802.11n HT20



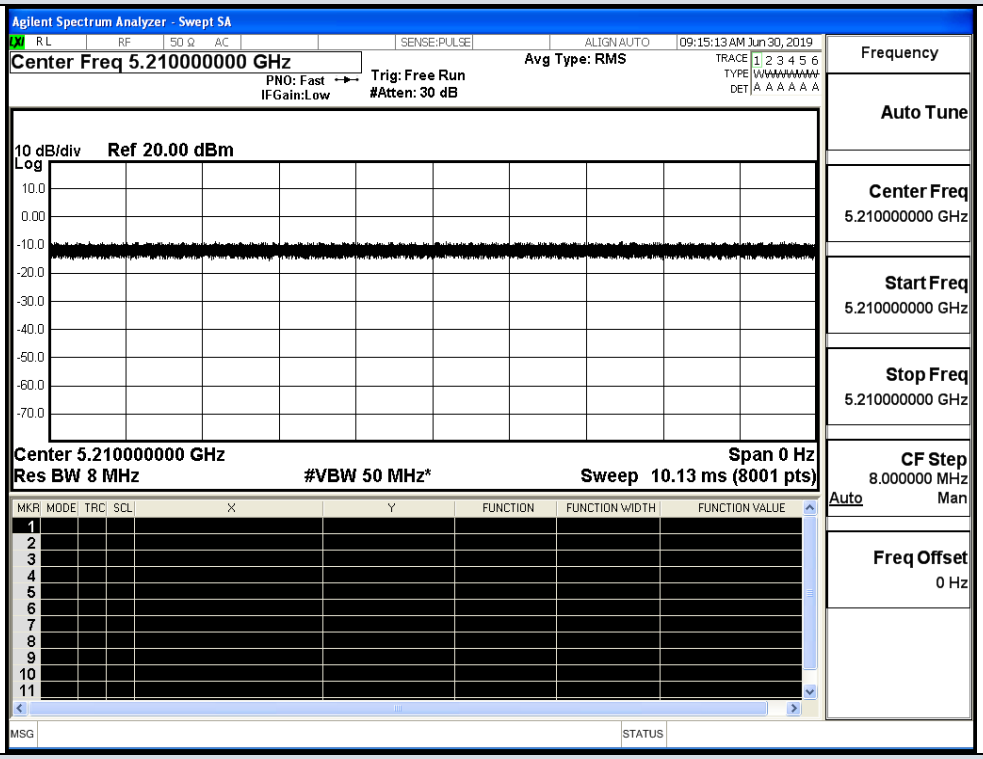
IEEE 802.11n HT40



IEEE 802.11ac VHT20



IEEE 802.11ac VHT40



IEEE 802.11ac VHT80

D.2 Maximum Conduct Output Power

Only for FCC Review

Antenna 0

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)	Duty Cycle Factor (dB)	Report Conducted Power (dBm)	Limit (dBm)
11A	36	5180	15.42	0	15.42	24.00
	40	5200	16.29	0	16.29	
	48	5240	15.56	0	15.56	
11N20 SISO	36	5180	15.96	0	15.96	24.00
	40	5200	16.13	0	16.13	
	48	5240	15.70	0	15.70	
11N40 SISO	38	5190	14.91	0	14.91	24.00
	46	5230	14.91	0	14.91	
11AC20 SISO	36	5180	16.20	0	16.20	24.00
	40	5200	16.37	0	16.37	
	48	5240	15.71	0	15.71	
11AC40 SISO	38	5190	14.84	0	14.84	24.00
	46	5230	14.28	0	14.28	
11AC80 SISO	42	5210	14.43	0	14.43	24.00

Antenna 1

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)	Duty Cycle Factor (dB)	Report Conducted Power (dBm)	Limit (dBm)
11A	36	5180	15.43	0	15.43	24.00
	40	5200	15.56	0	15.56	
	48	5240	16.03	0	16.03	
11N20 SISO	36	5180	15.33	0	15.33	24.00
	40	5200	16.10	0	16.10	
	48	5240	15.74	0	15.74	
11N40 SISO	38	5190	14.18	0	14.18	24.00
	46	5230	15.68	0	15.68	
11AC20 SISO	36	5180	15.69	0	15.69	24.00
	40	5200	15.48	0	15.48	
	48	5240	15.51	0	15.51	
11AC40 SISO	38	5190	14.14	0	14.14	24.00
	46	5230	14.44	0	14.44	
11AC80 SISO	42	5210	14.45	0	14.45	24.00

ANT0+ANT1:

Test Mode	Channel	Frequency (MHz)	Duty Cycle Factor (dB)	Report Conducted Power (dBm)			Limit (dBm)
				Ant0	Ant1	Sum	
11N20 MIMO	36	5180	0	15.96	15.33	18.67	24.00
	40	5200	0	16.13	16.10	19.13	
	48	5240	0	15.70	15.74	18.73	
11N40 MIMO	38	5190	0	14.91	14.18	17.57	24.00
	46	5230	0	14.91	15.68	18.32	
11AC20 MIMO	36	5180	0	16.20	15.69	18.96	24.00
	40	5200	0	16.37	15.48	18.96	
	48	5240	0	15.71	15.51	18.62	
11AC40 MIMO	38	5190	0	14.84	14.14	17.51	24.00
	46	5230	0	14.28	14.44	17.37	
11AC80 MIMO	42	5210	0	14.43	14.45	17.45	24.00

Only for ISED Review

Antenna 0

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)	Antenna Gain (dBi)	Duty Cycle Factor (dB)	Report EIRP (dBm)	Limit (dBm)
11A	36	5180	15.42	2.04	0	17.46	23.00
	40	5200	16.29	2.04	0	18.33	
	48	5240	15.56	2.04	0	17.60	
11N20 SISO	36	5180	15.96	2.04	0	18.00	23.00
	40	5200	16.13	2.04	0	18.17	
	48	5240	15.70	2.04	0	17.74	
11N40 SISO	38	5190	14.91	2.04	0	16.95	23.00
	46	5230	14.91	2.04	0	16.95	
11AC20 SISO	36	5180	16.20	2.04	0	18.24	23.00
	40	5200	16.37	2.04	0	18.41	
	48	5240	15.71	2.04	0	17.75	
11AC40 SISO	38	5190	14.84	2.04	0	16.88	23.00
	46	5230	14.28	2.04	0	16.32	
11AC80 SISO	42	5210	14.43	2.04	0	16.47	23.00

Antenna 1

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)	Antenna Gain (dBi)	Duty Cycle Factor (dB)	Report EIRP (dBm)	Limit (dBm)
11A	36	5180	15.43	2.04	0	17.47	23.00
	40	5200	15.56	2.04	0	17.60	
	48	5240	16.03	2.04	0	18.07	
11N20 SISO	36	5180	15.33	2.04	0	17.37	23.00
	40	5200	16.10	2.04	0	18.14	
	48	5240	15.74	2.04	0	17.78	
11N40 SISO	38	5190	14.18	2.04	0	16.22	23.00
	46	5230	15.68	2.04	0	17.72	
11AC20 SISO	36	5180	15.69	2.04	0	17.73	23.00
	40	5200	15.48	2.04	0	17.52	
	48	5240	15.51	2.04	0	17.55	
11AC40 SISO	38	5190	14.14	2.04	0	16.18	23.00
	46	5230	14.44	2.04	0	16.48	
11AC80 SISO	42	5210	14.45	2.04	0	16.49	23.00

ANT0+ANT1:

Test Mode	Channel	Frequency (MHz)	Duty Cycle Factor (dB)	Report EIRP (dBm)			Limit (dBm)
				Ant0	Ant1	Sum	
11N20 MIMO	36	5180	0	18.00	17.37	20.71	23.00
	40	5200	0	18.17	18.14	21.17	
	48	5240	0	17.74	17.78	20.77	
11N40 MIMO	38	5190	0	16.95	16.22	19.61	23.00
	46	5230	0	16.95	17.72	20.36	
11AC20 MIMO	36	5180	0	18.24	17.73	21.00	23.00
	40	5200	0	18.41	17.52	21.00	
	48	5240	0	17.75	17.55	20.66	
11AC40 MIMO	38	5190	0	16.88	16.18	19.55	23.00
	46	5230	0	16.32	16.48	19.41	
11AC80 MIMO	42	5210	0	16.47	16.49	19.49	23.00

D.3 Power Spectral Density

Only for FCC Review

Antenna 0

Test Mode	Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Cycle Factor (dB)	Report Power Density (dBm/MHz)	Limit (dBm/MHz)
11A	36	5180	2.843	0	2.843	11.00
	40	5200	2.619	0	2.619	
	48	5240	0.503	0	0.503	
11N20 SISO	36	5180	3.036	0	3.036	11.00
	40	5200	2.558	0	2.558	
	48	5240	0.671	0	0.671	
11N40 SISO	38	5190	0.189	0	0.189	11.00
	46	5230	-0.794	0	-0.794	
11AC20 SISO	36	5180	3.423	0	3.423	11.00
	40	5200	2.043	0	2.043	
	48	5240	0.708	0	0.708	
11AC40 SISO	38	5190	0.173	0	0.173	11.00
	46	5230	-1.194	0	-1.194	
11AC80 SISO	42	5210	-2.918	0	-2.918	11.00

Antenna 1

Test Mode	Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Cycle Factor (dB)	Report Power Density (dBm/MHz)	Limit (dBm/MHz)
11A	36	5180	2.839	0	2.839	11.00
	40	5200	2.832	0	2.832	
	48	5240	1.532	0	1.532	
11N20 SISO	36	5180	3.301	0	3.301	11.00
	40	5200	3.045	0	3.045	
	48	5240	1.061	0	1.061	
11N40 SISO	38	5190	0.101	0	0.101	11.00
	46	5230	-0.675	0	-0.675	
11AC20 SISO	36	5180	3.551	0	3.551	11.00
	40	5200	2.956	0	2.956	
	48	5240	1.722	0	1.722	
11AC40 SISO	38	5190	0.989	0	0.989	11.00
	46	5230	-1.366	0	-1.366	
11AC80 SISO	42	5210	-4.287	0	-4.287	11.00

ANT0+ANT1:

Test Mode	Channel	Frequency (MHz)	Duty Cycle Factor (dB)	Report Power Density (dBm/MHz)			Limit (dBm)
				Ant0	Ant1	Sum	
11N20 MIMO	36	5180	0	3.036	3.301	6.181	11.00
	40	5200	0	2.558	3.045	5.819	
	48	5240	0	0.671	1.061	3.881	
11N40 MIMO	38	5190	0	0.189	0.101	3.156	11.00
	46	5230	0	-0.794	-0.675	2.276	
11AC20 MIMO	36	5180	0	3.423	3.551	6.498	11.00
	40	5200	0	2.043	2.956	5.534	
	48	5240	0	0.708	1.722	4.255	
11AC40 MIMO	38	5190	0	0.173	0.989	3.610	11.00
	46	5230	0	-1.194	-1.366	1.731	
11AC80 MIMO	42	5210	0	-2.918	-4.287	-0.538	11.00

Only for ISED Review

Antenna 0

Test Mode	Channel	Frequency (MHz)	Power Density Conducted (dBm/MHz)	Antenna Gain (dBi)	Duty Cycle Factor (dB)	Report Power Density EIRP (dBm/MHz)	Limit (dBm/MHz)
11A	36	5180	2.843	2.04	0	4.883	10.00
	40	5200	2.619	2.04	0	4.659	
	48	5240	0.503	2.04	0	2.543	
11N20 SISO	36	5180	3.036	2.04	0	5.076	10.00
	40	5200	2.558	2.04	0	4.598	
	48	5240	0.671	2.04	0	2.711	
11N40 SISO	38	5190	0.189	2.04	0	2.229	10.00
	46	5230	-0.794	2.04	0	1.246	
11AC20 SISO	36	5180	3.423	2.04	0	5.463	10.00
	40	5200	2.043	2.04	0	4.083	
	48	5240	0.708	2.04	0	2.748	
11AC40 SISO	38	5190	0.173	2.04	0	2.213	10.00
	46	5230	-1.194	2.04	0	0.846	
11AC80 SISO	42	5210	-2.918	2.04	0	-0.878	10.00

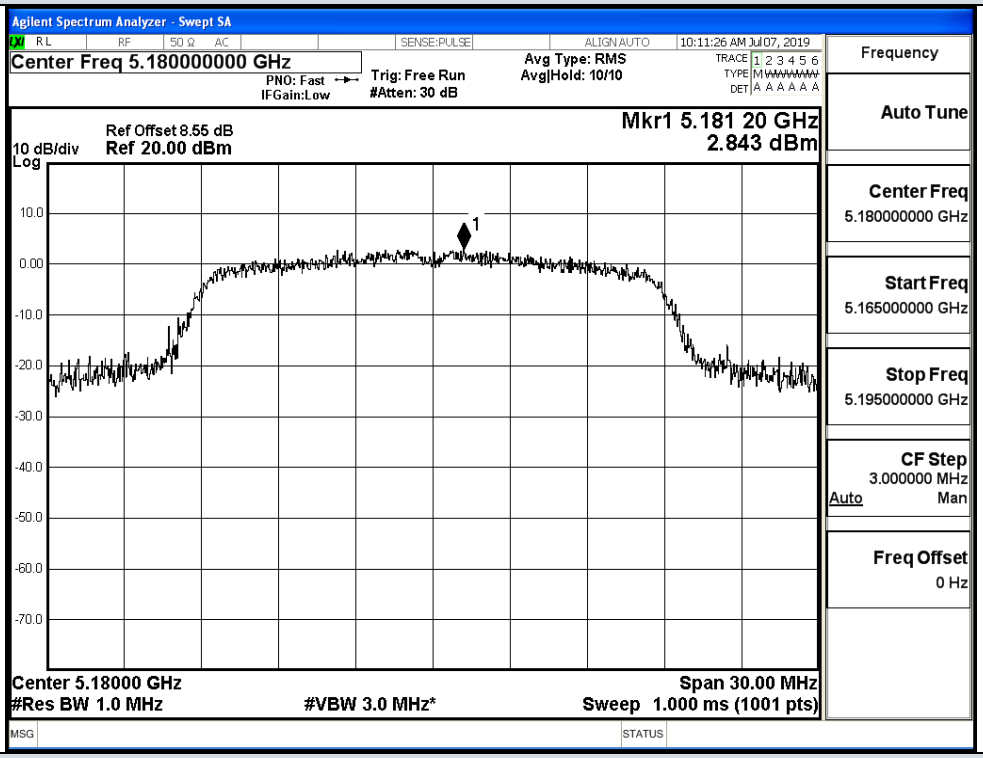
Antenna 1

Test Mode	Channel	Frequency (MHz)	Power Density Conducted (dBm/MHz)	Antenna Gain (dBi)	Duty Cycle Factor (dB)	Report Power Density EIRP (dBm/MHz)	Limit (dBm/MHz)
11A	36	5180	2.839	2.04	0	4.879	10.00
	40	5200	2.832	2.04	0	4.872	
	48	5240	1.532	2.04	0	3.572	
11N20 SISO	36	5180	3.301	2.04	0	5.341	10.00
	40	5200	3.045	2.04	0	5.085	
	48	5240	1.061	2.04	0	3.101	
11N40 SISO	38	5190	0.101	2.04	0	2.141	10.00
	46	5230	-0.675	2.04	0	1.365	
11AC20 SISO	36	5180	3.551	2.04	0	5.591	10.00
	40	5200	2.956	2.04	0	4.996	
	48	5240	1.722	2.04	0	3.762	
11AC40 SISO	38	5190	0.989	2.04	0	3.029	10.00
	46	5230	-1.366	2.04	0	0.674	
11AC80 SISO	42	5210	-4.287	2.04	0	-2.247	10.00

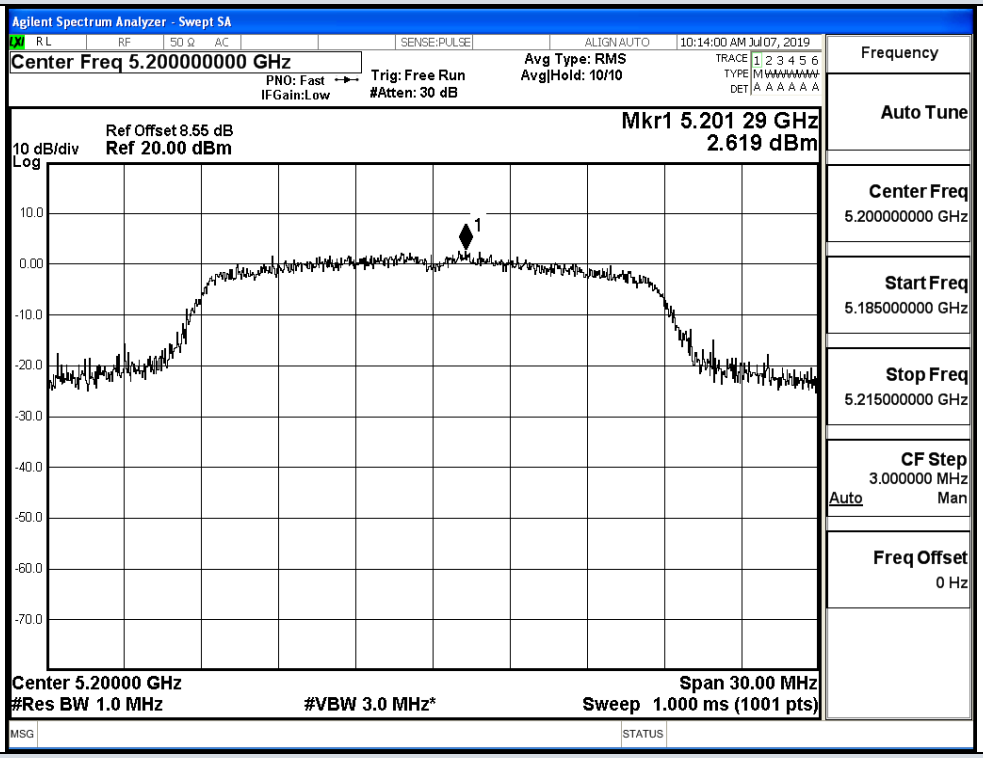
ANT0+ANT1:

Test Mode	Channel	Frequency (MHz)	Duty Cycle Factor (dB)	Report Power Density EIRP (dBm/MHz)			Limit (dBm/MHz)
				Ant0	Ant1	Sum	
11N20 MIMO	36	5180	0	5.076	5.341	8.221	10.00
	40	5200	0	4.598	5.085	7.859	
	48	5240	0	2.711	3.101	5.921	
11N40 MIMO	38	5190	0	2.229	2.141	5.196	10.00
	46	5230	0	1.246	1.365	4.316	
11AC20 MIMO	36	5180	0	5.463	5.591	8.538	10.00
	40	5200	0	4.083	4.996	7.574	
	48	5240	0	2.748	3.762	6.295	
11AC40 MIMO	38	5190	0	2.213	3.029	5.650	10.00
	46	5230	0	0.846	0.674	3.771	
11AC80 MIMO	42	5210	0	-0.878	-2.247	1.502	10.00

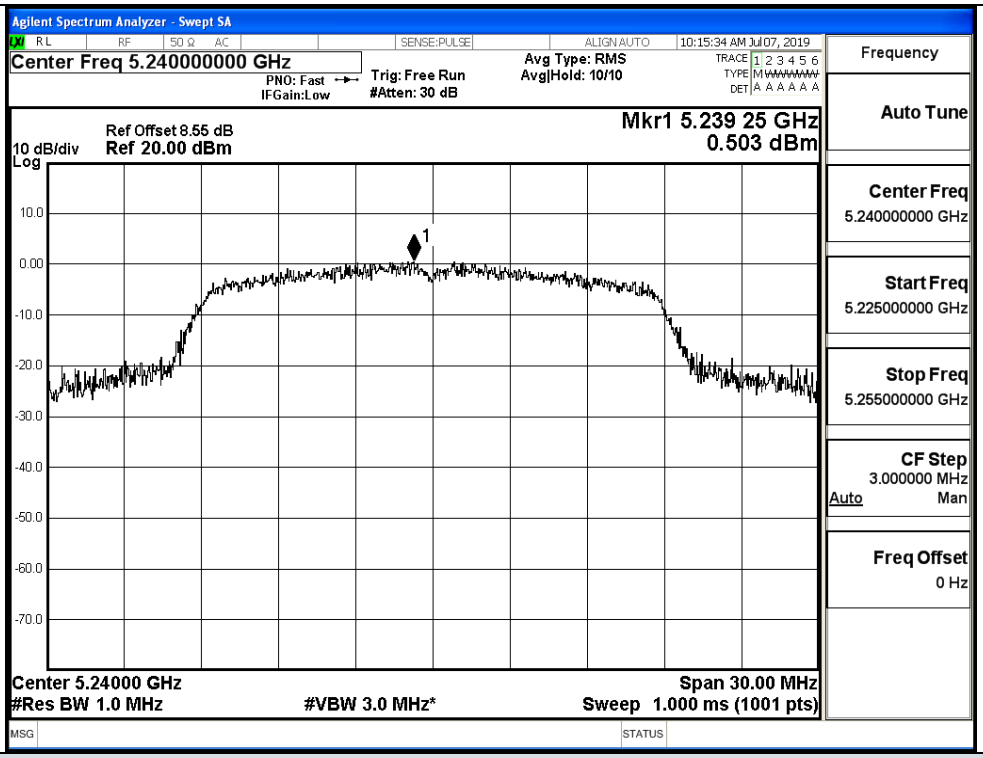
Power Spectral Density Ant 0



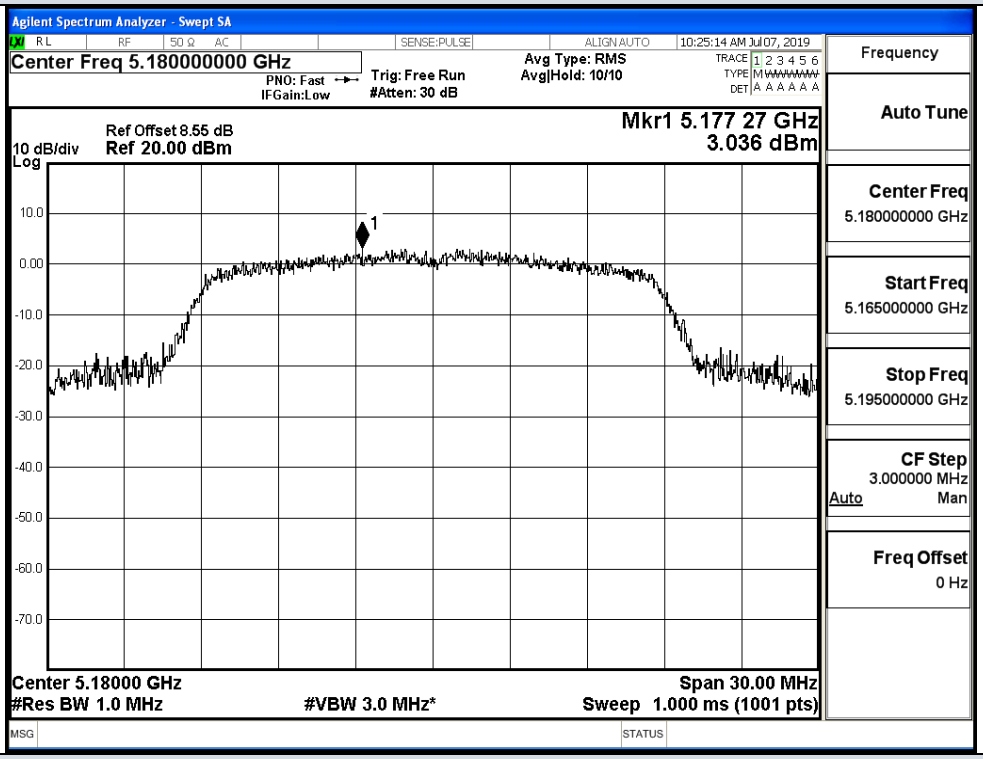
IEEE 802.11a / Channel 36 / 5180 MHz



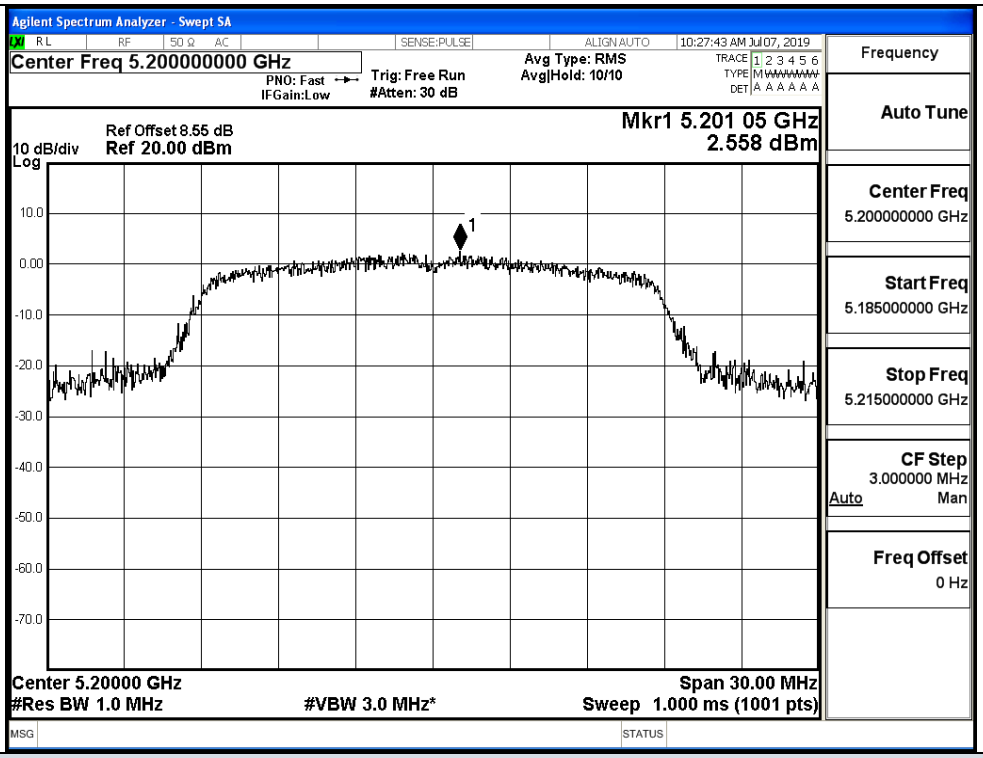
IEEE 802.11a / Channel 40 / 5200 MHz



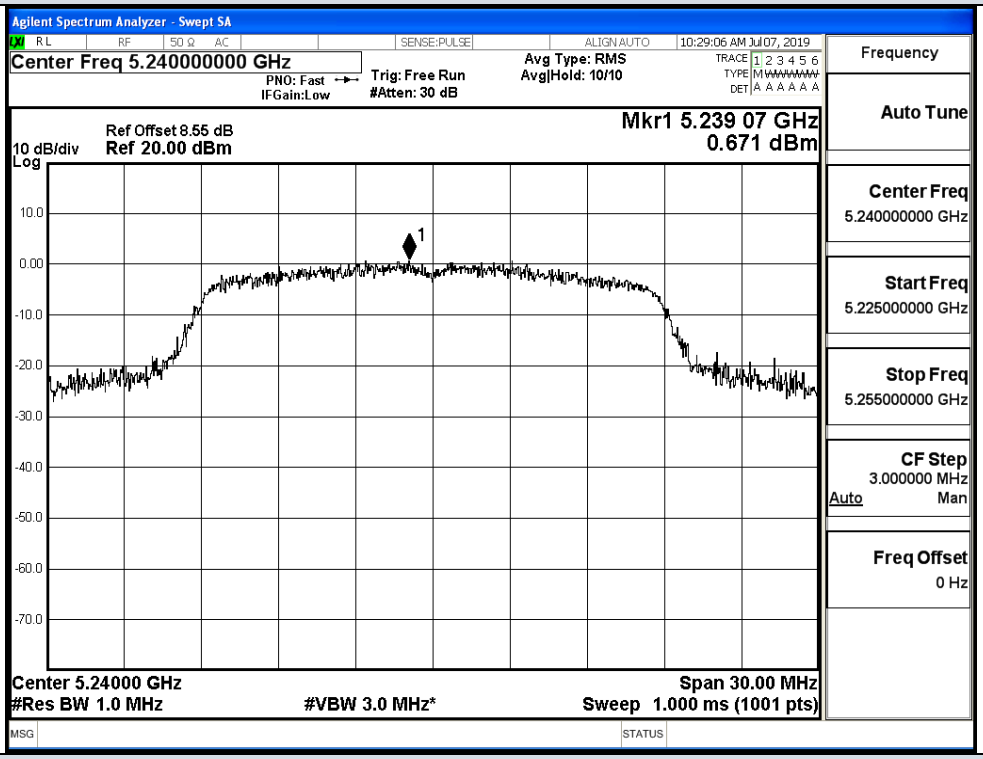
IEEE 802.11a / Channel 48 / 5240 MHz



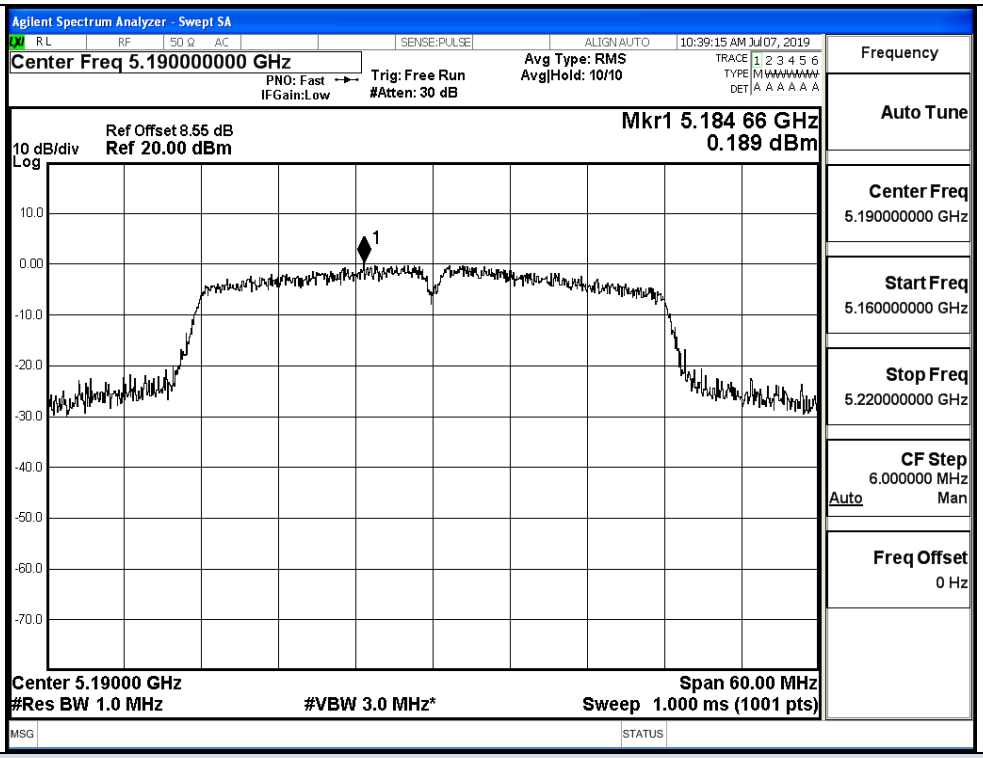
IEEE 802.11n HT20 / Channel 36 / 5180 MHz



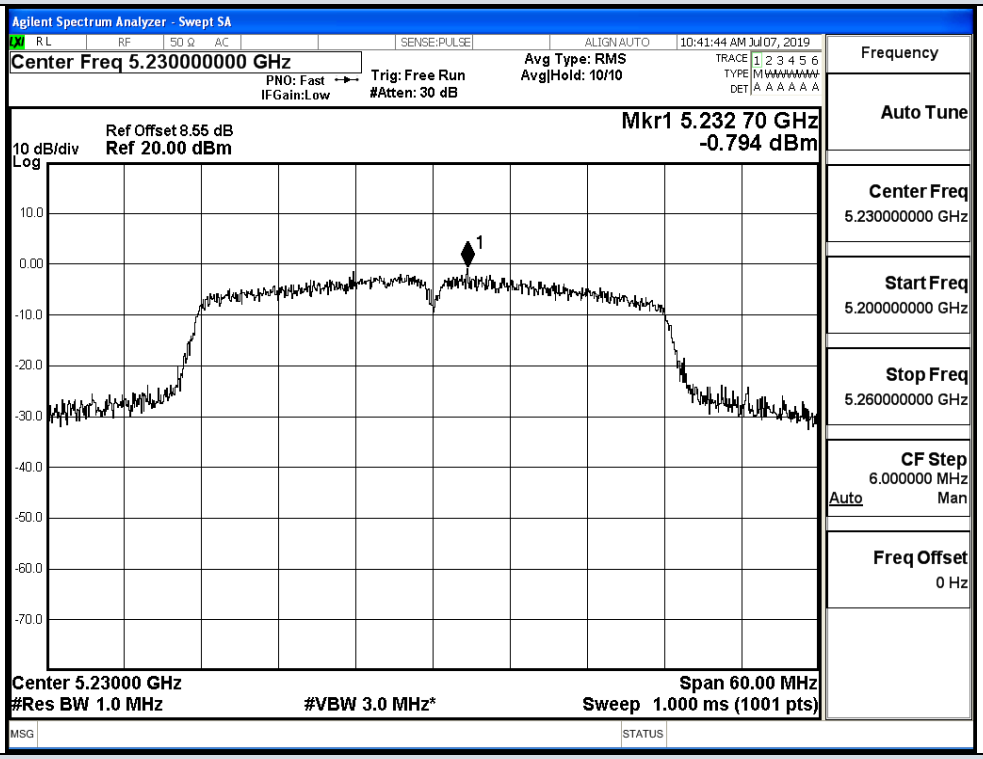
IEEE 802.11n HT20 / Channel 40 / 5200 MHz



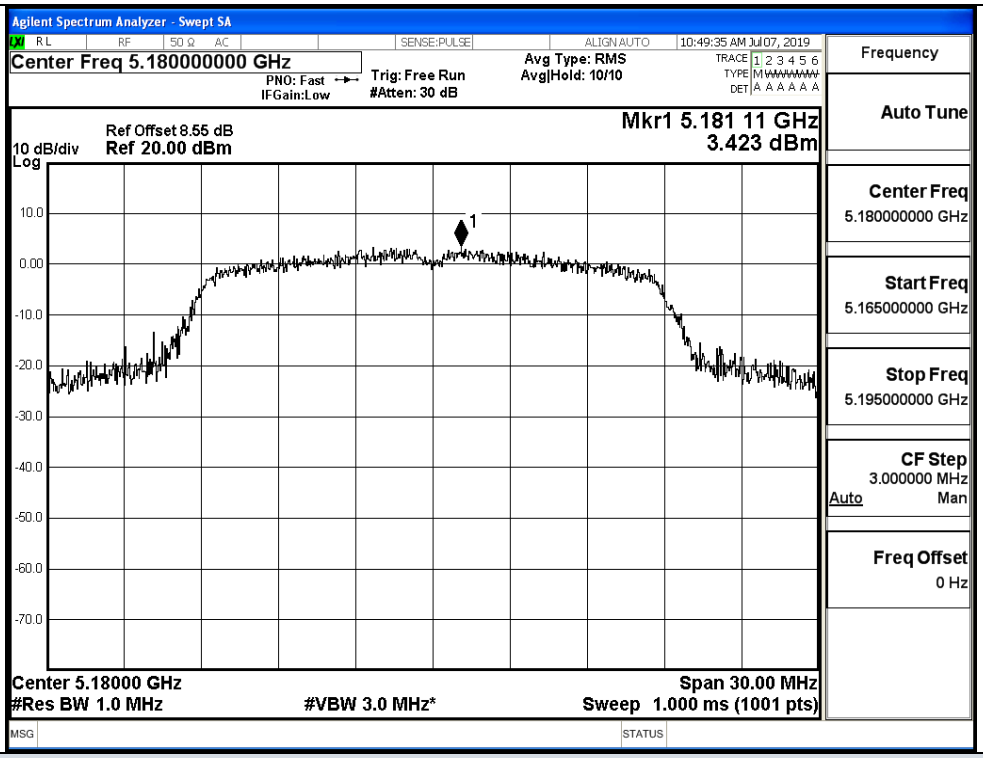
IEEE 802.11n HT20 / Channel 48 / 5240 MHz



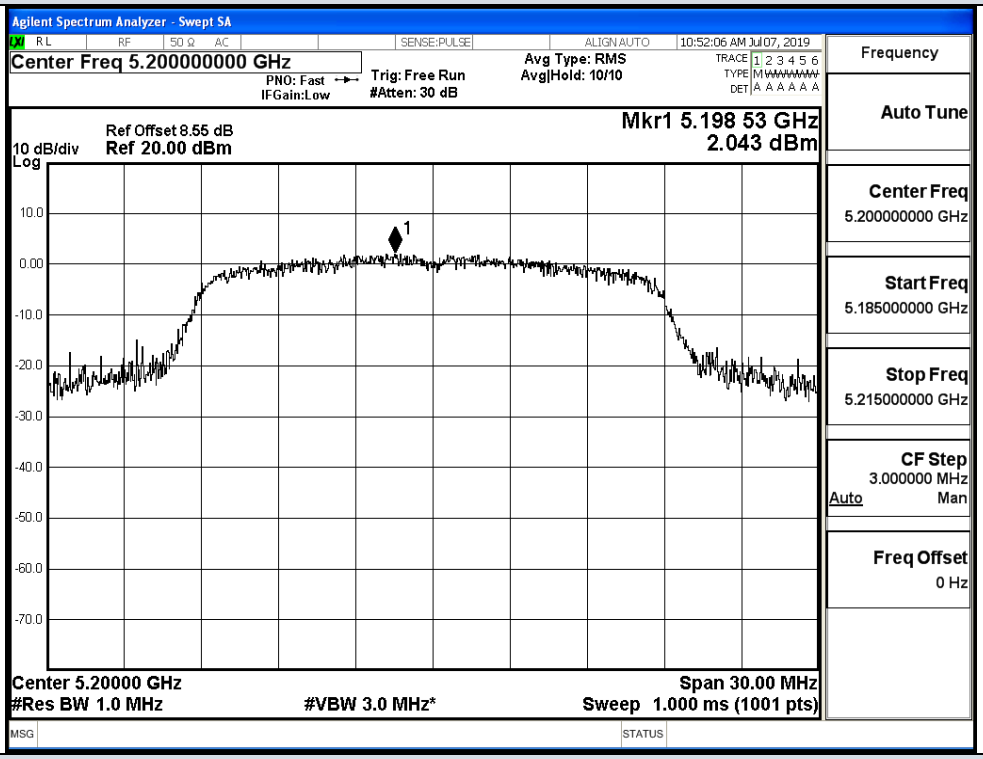
IEEE 802.11n HT40 / Channel 38 / 5190 MHz



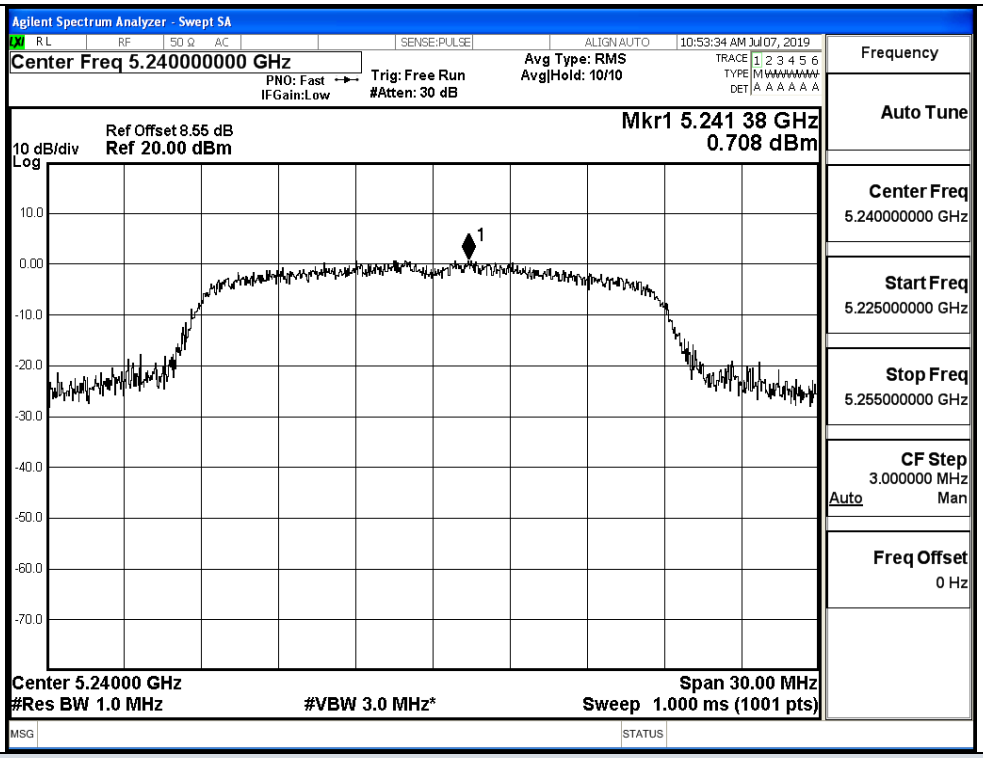
IEEE 802.11n HT40 / Channel 46 / 5230 MHz



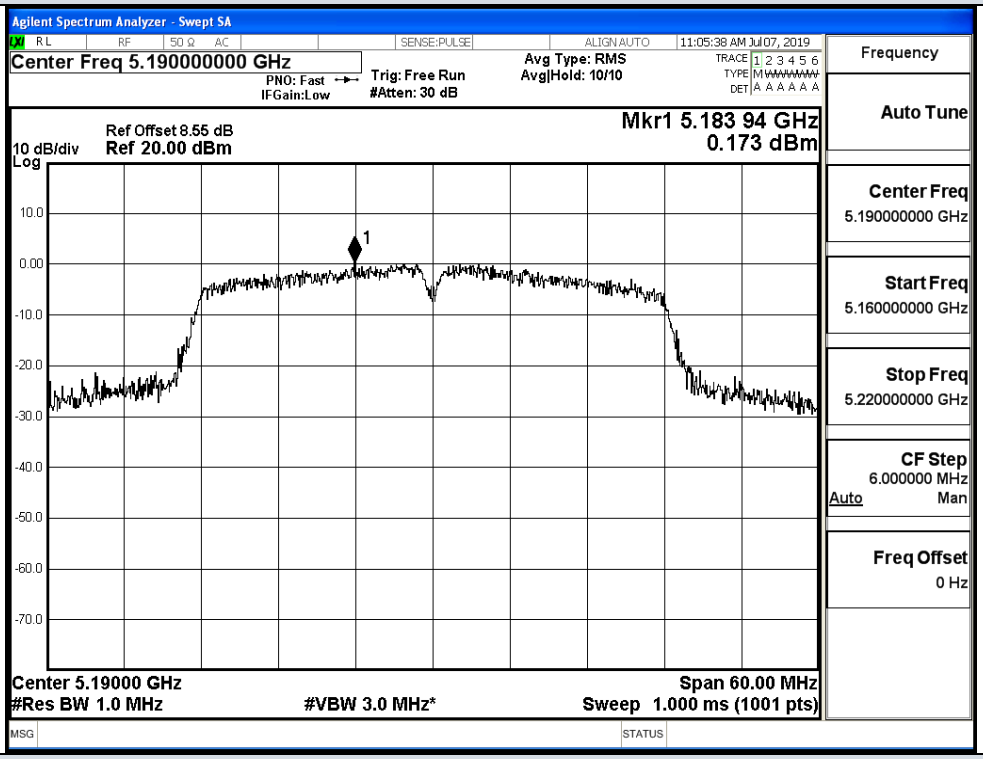
IEEE 802.11ac VHT20 / Channel 36 / 5180 MHz



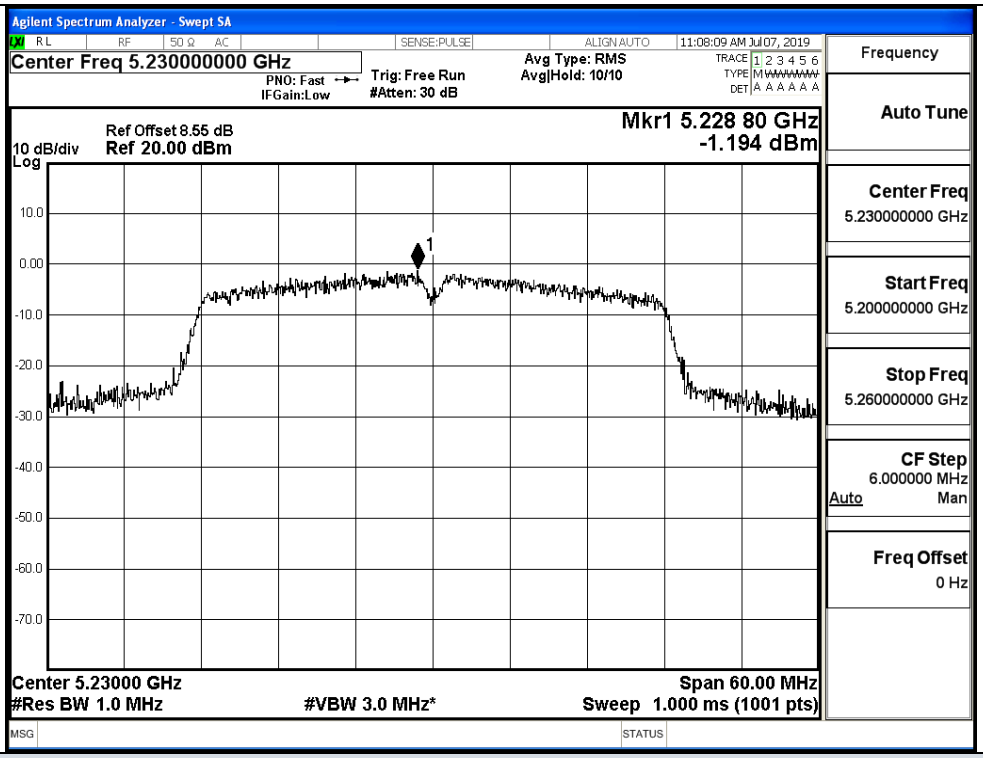
IEEE 802.11ac VHT20 / Channel 40 / 5200 MHz



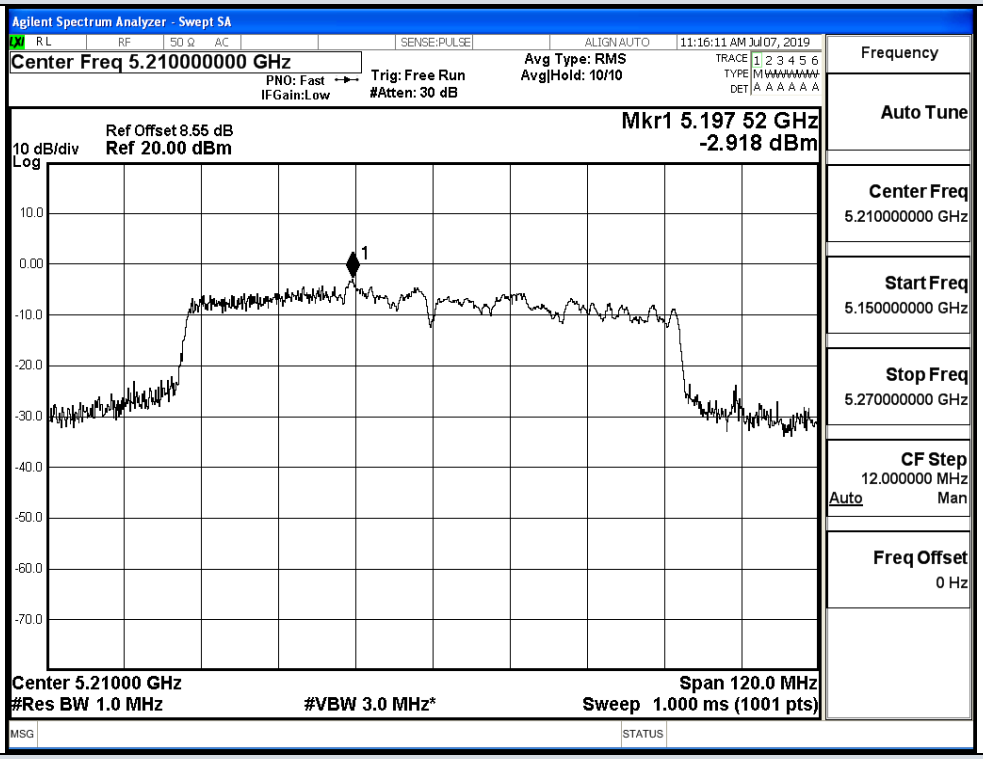
IEEE 802.11ac VHT20 / Channel 48 / 5240 MHz



IEEE 802.11ac VHT40 / Channel 38 / 5190 MHz

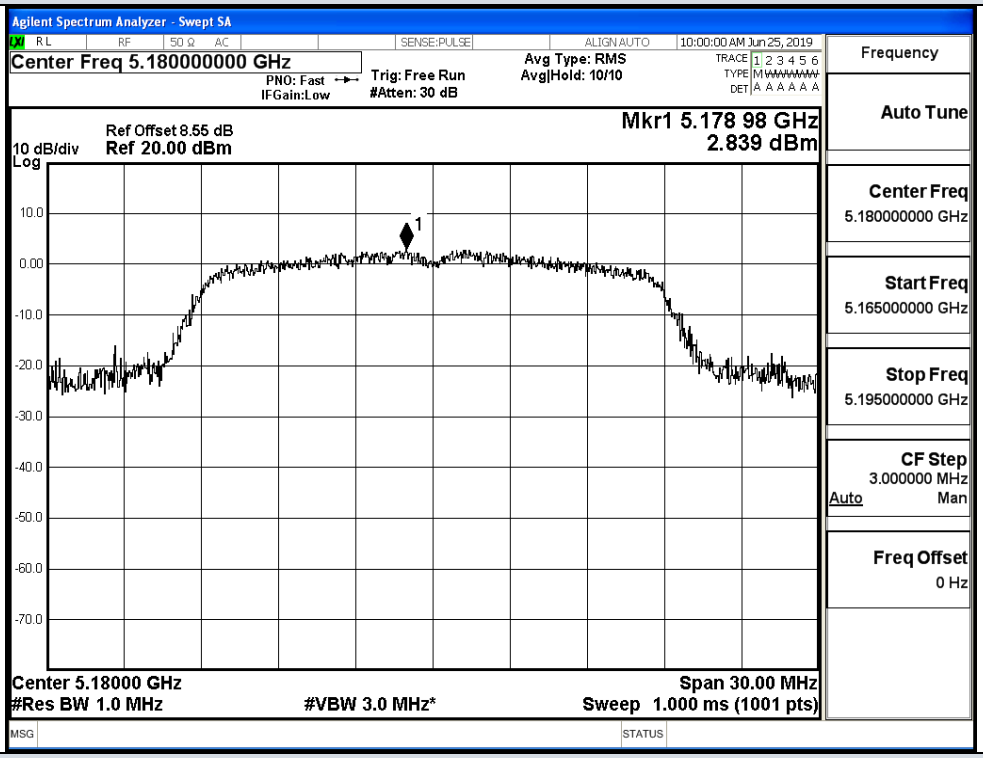


IEEE 802.11ac VHT40 / Channel 46 / 5230 MHz

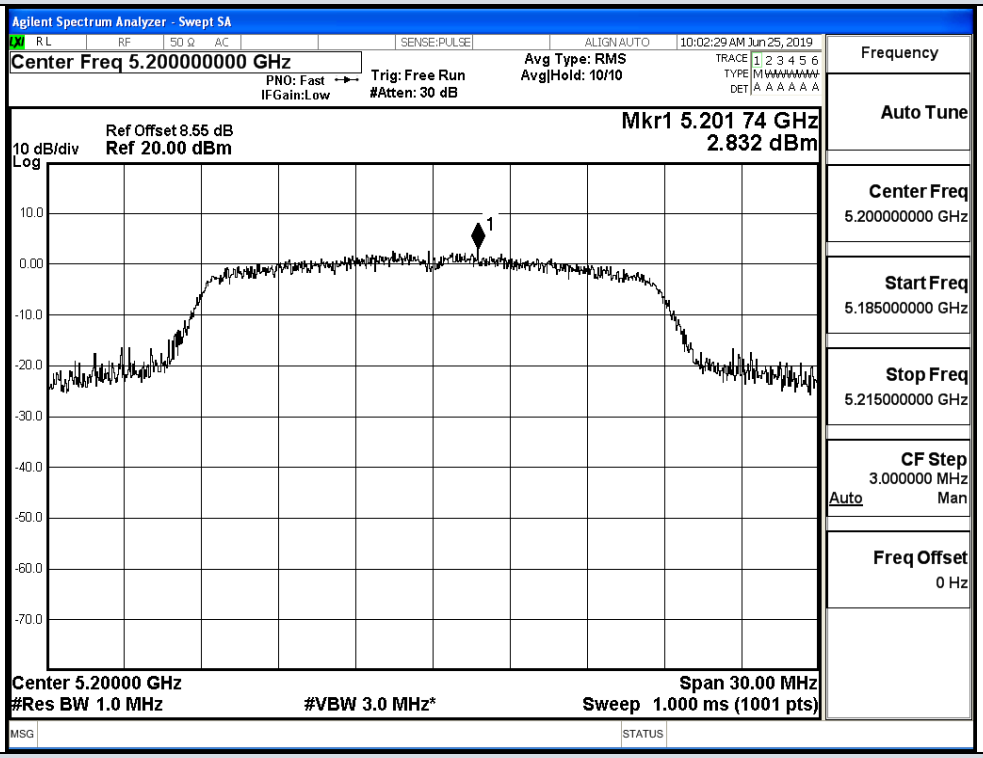


IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz

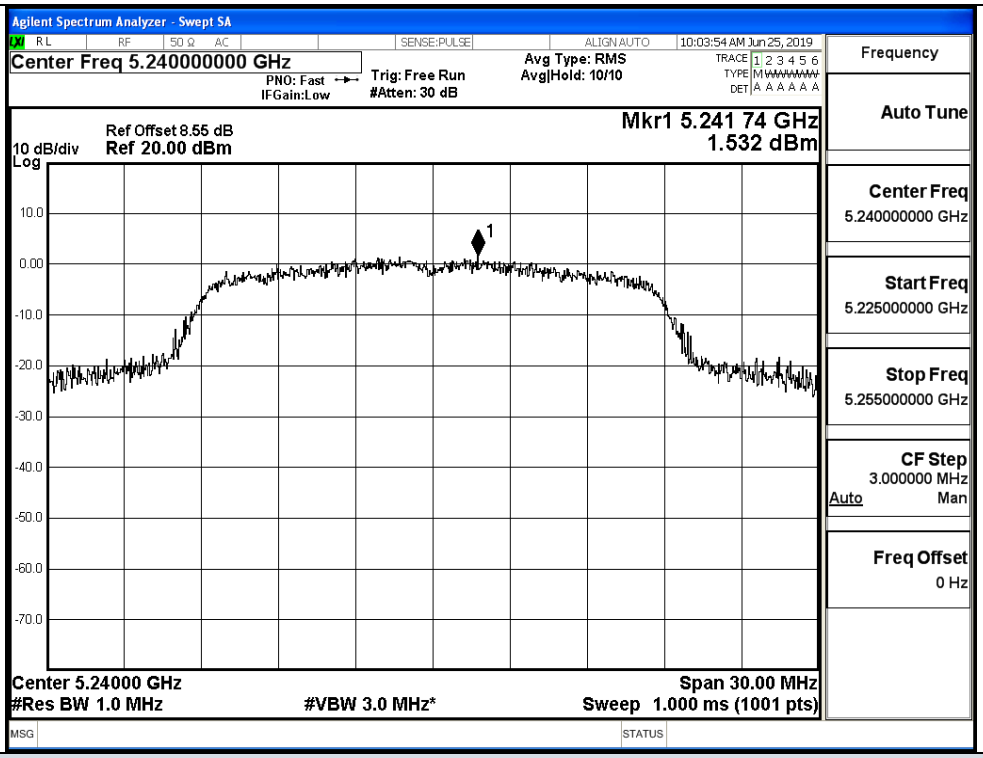
Power Spectral Density Ant 1



IEEE 802.11a / Channel 36 / 5180 MHz

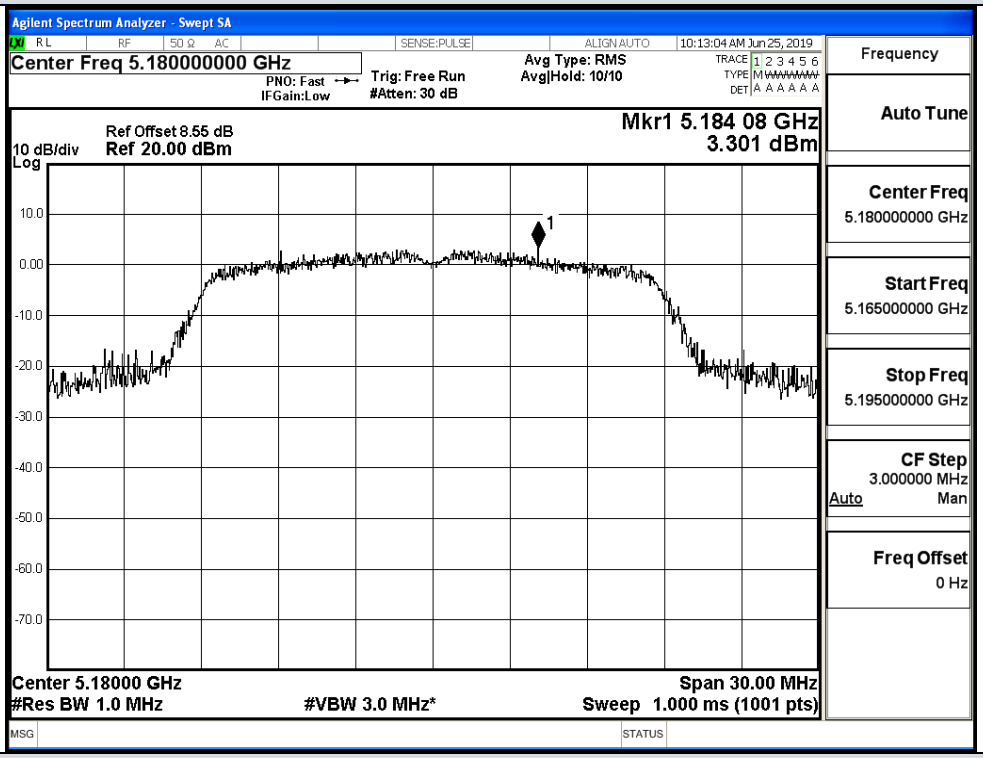


IEEE 802.11a / Channel 40 / 5200 MHz

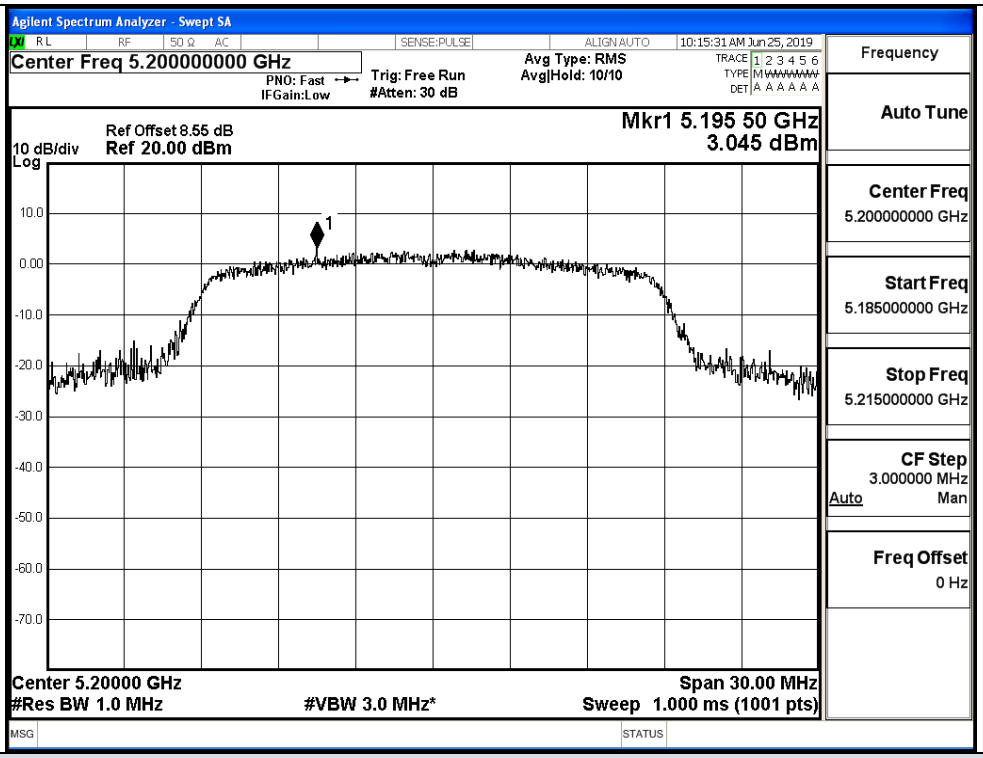


IEEE 802.11a / Channel 48 / 5240 MHz

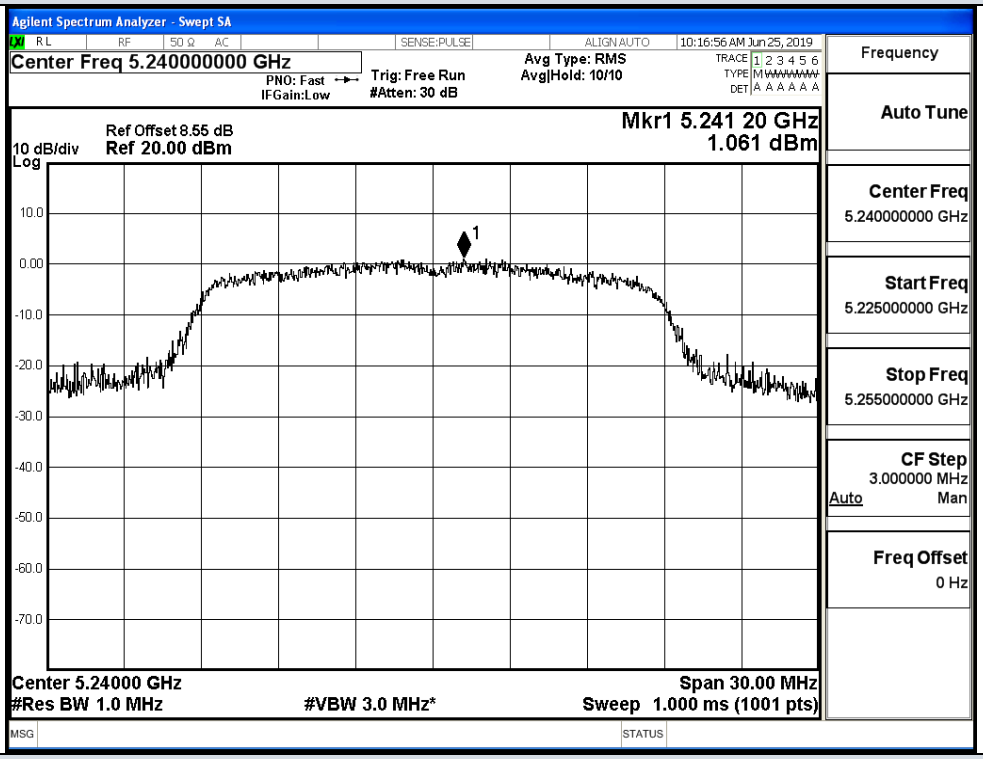
Power Spectral Density



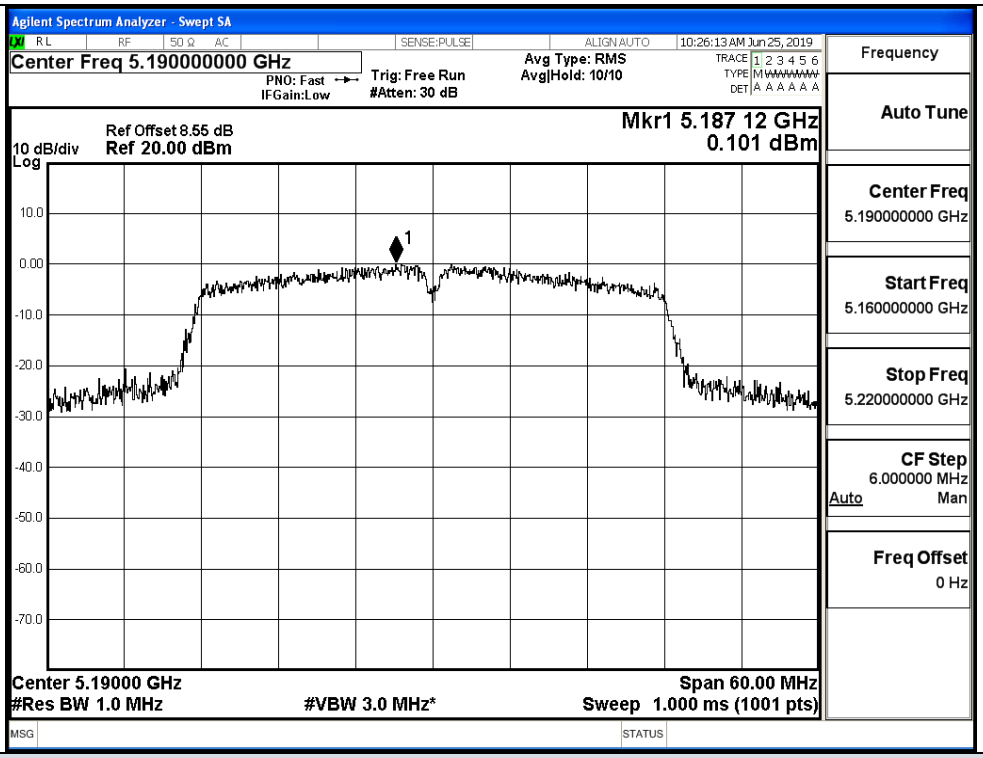
IEEE 802.11n HT20 / Channel 36 / 5180 MHz



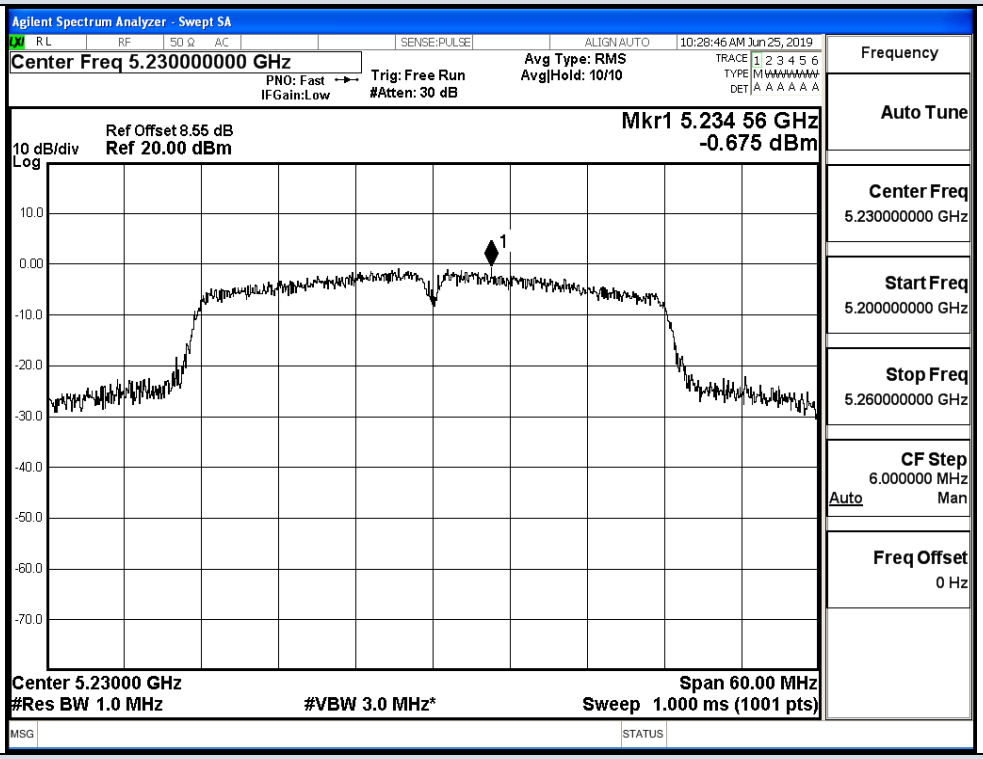
IEEE 802.11n HT20 / Channel 40 / 5200 MHz



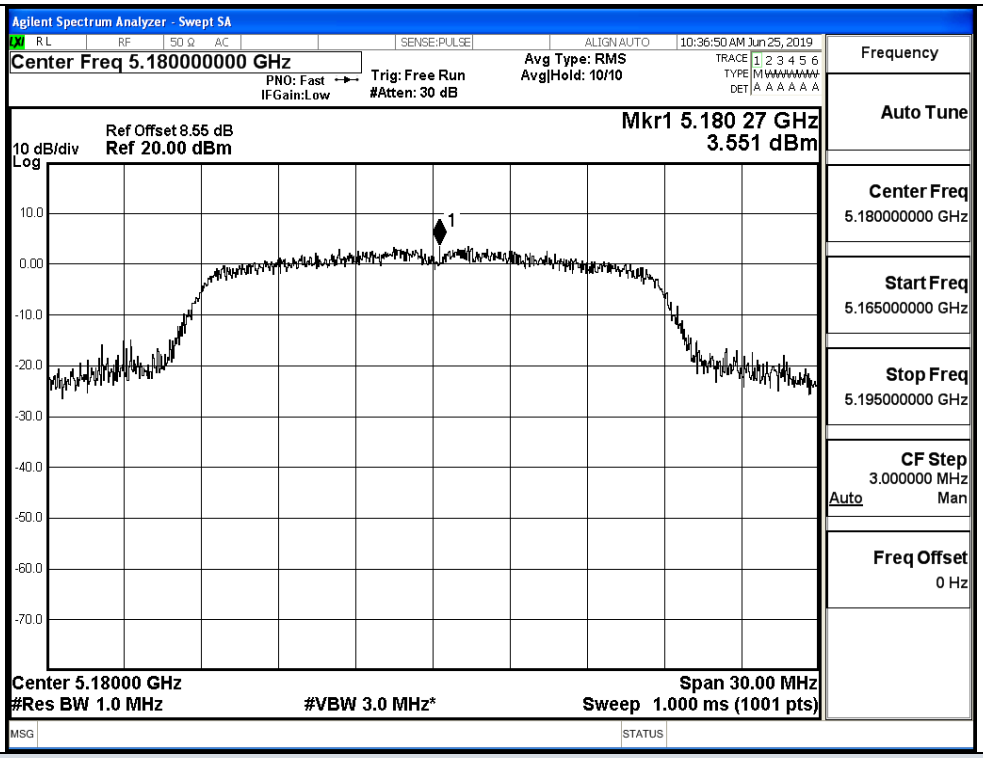
IEEE 802.11n HT20 / Channel 48 / 5240 MHz



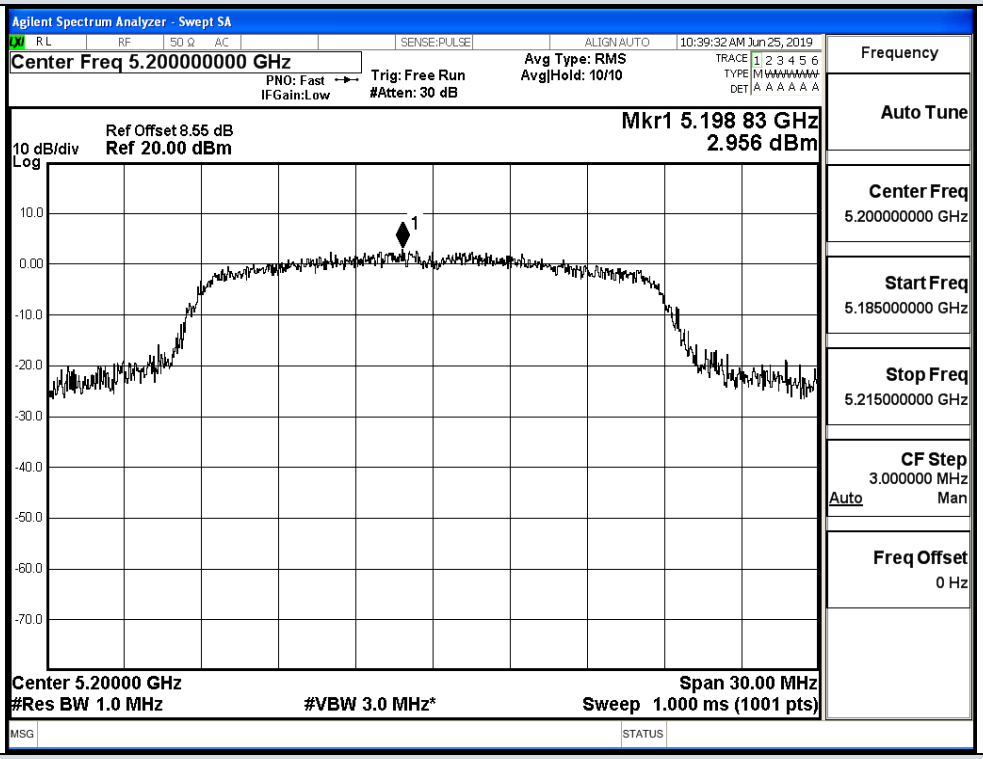
IEEE 802.11n HT40 / Channel 38 / 5190 MHz



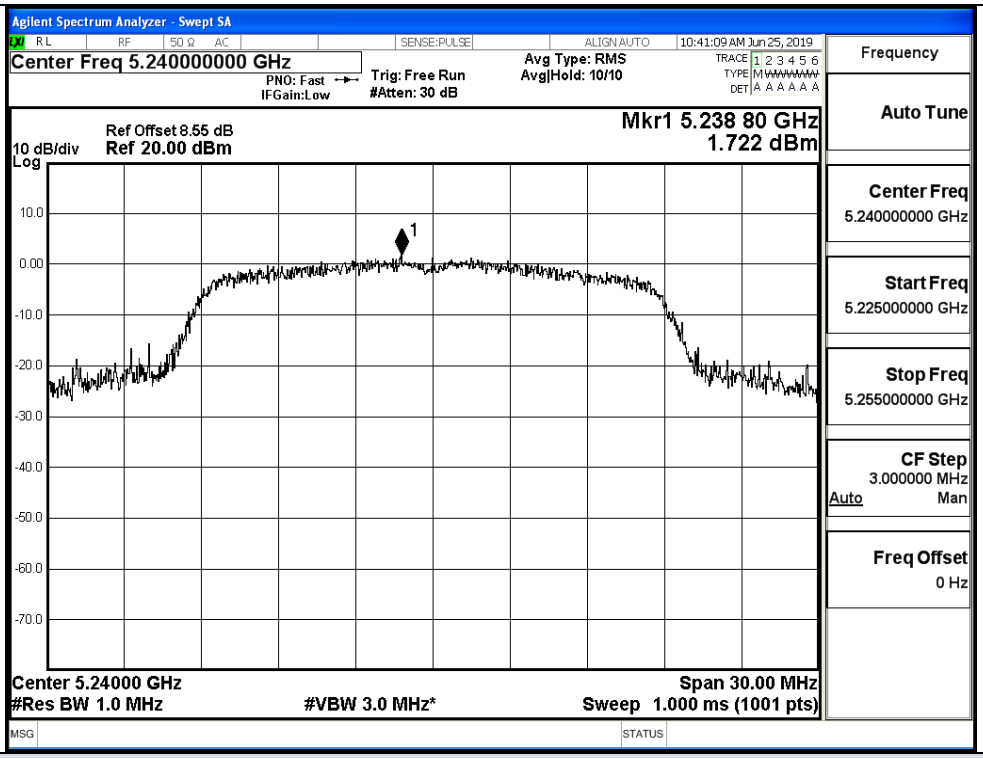
IEEE 802.11n HT40 / Channel 46 / 5230 MHz



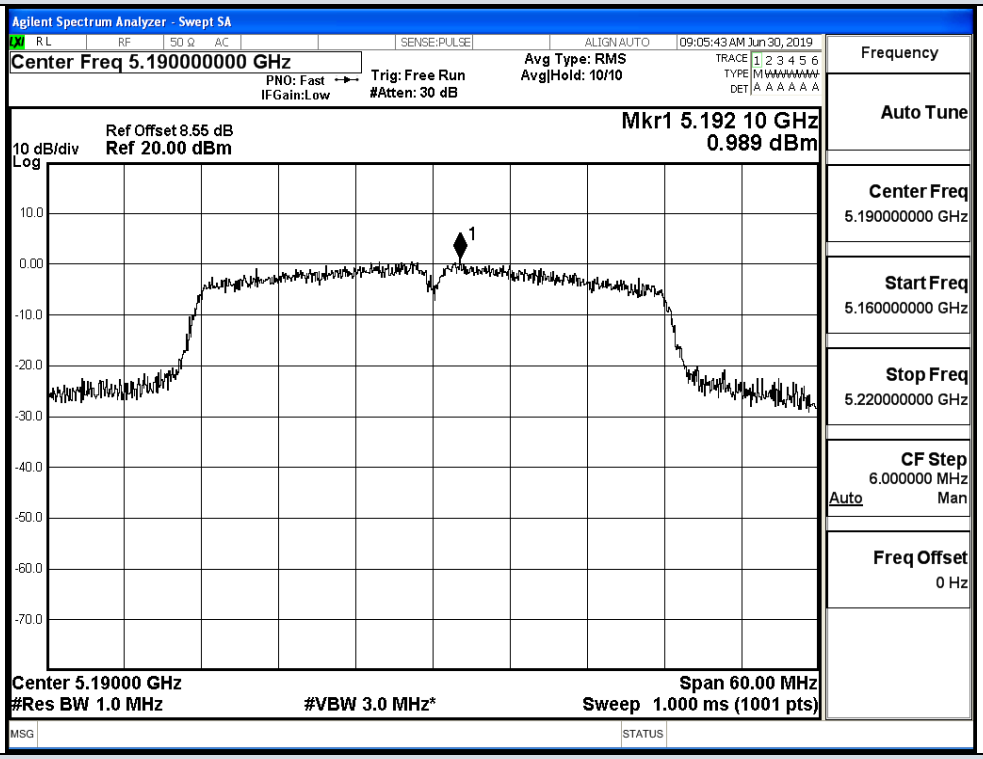
IEEE 802.11ac VHT20 / Channel 36 / 5180 MHz



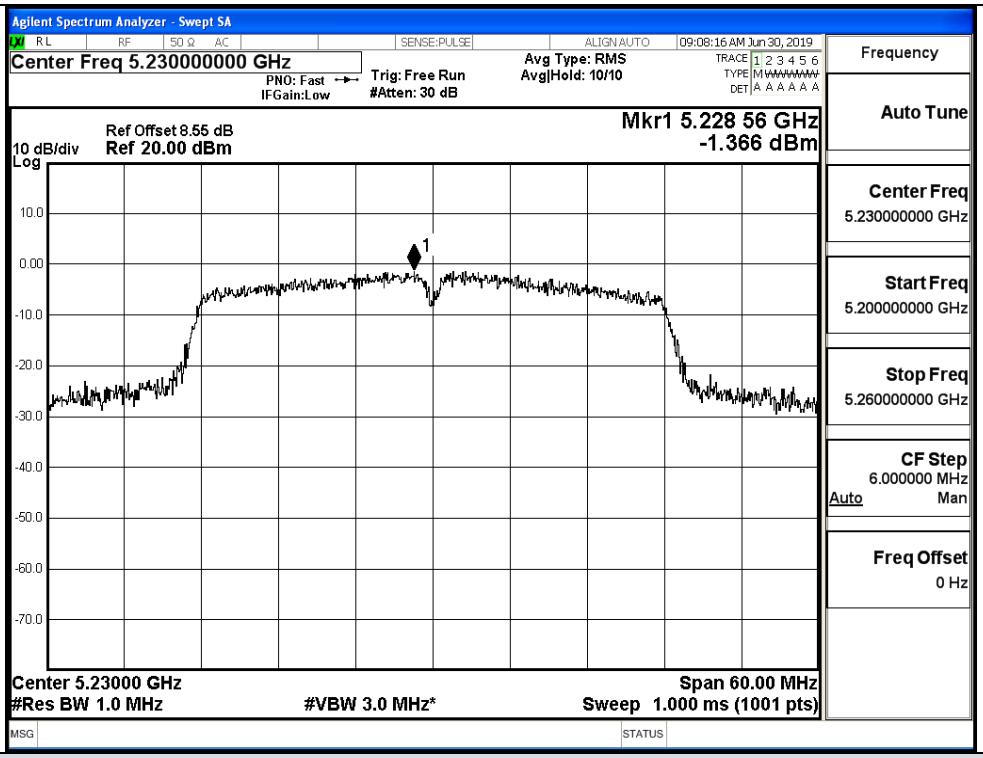
IEEE 802.11ac VHT20 / Channel 40 / 5200 MHz



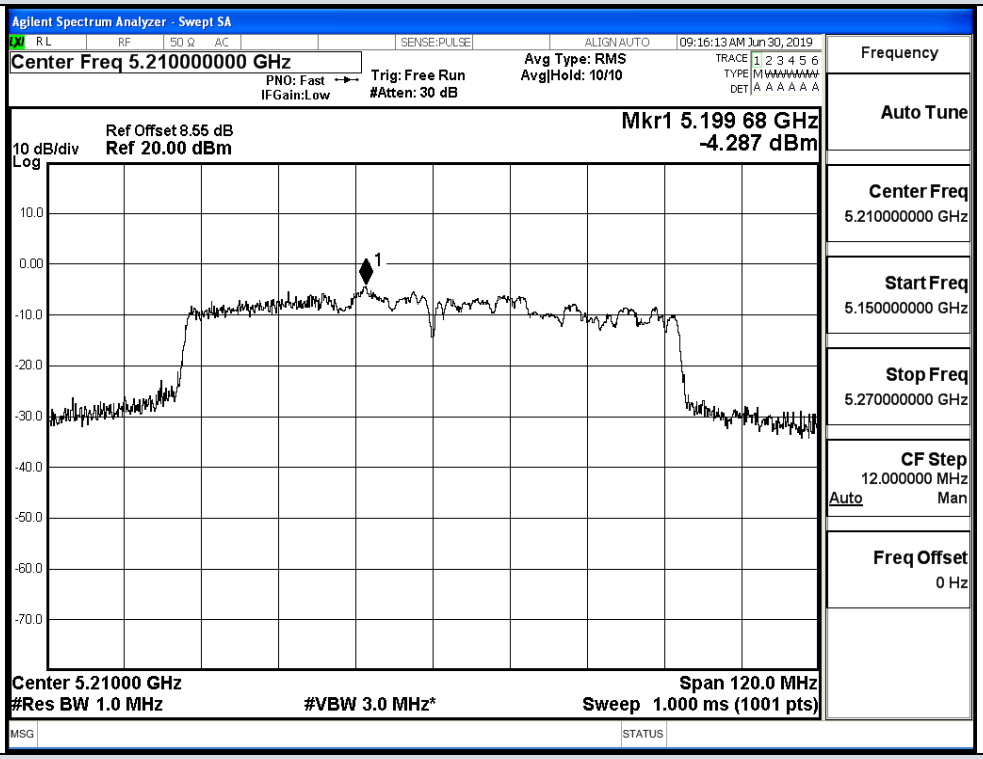
IEEE 802.11ac VHT20 / Channel 48 / 5240 MHz



IEEE 802.11ac VHT40 / Channel 38 / 5190 MHz



IEEE 802.11ac VHT40 / Channel 46 / 5230 MHz



IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz

D.4 Emission Bandwidth

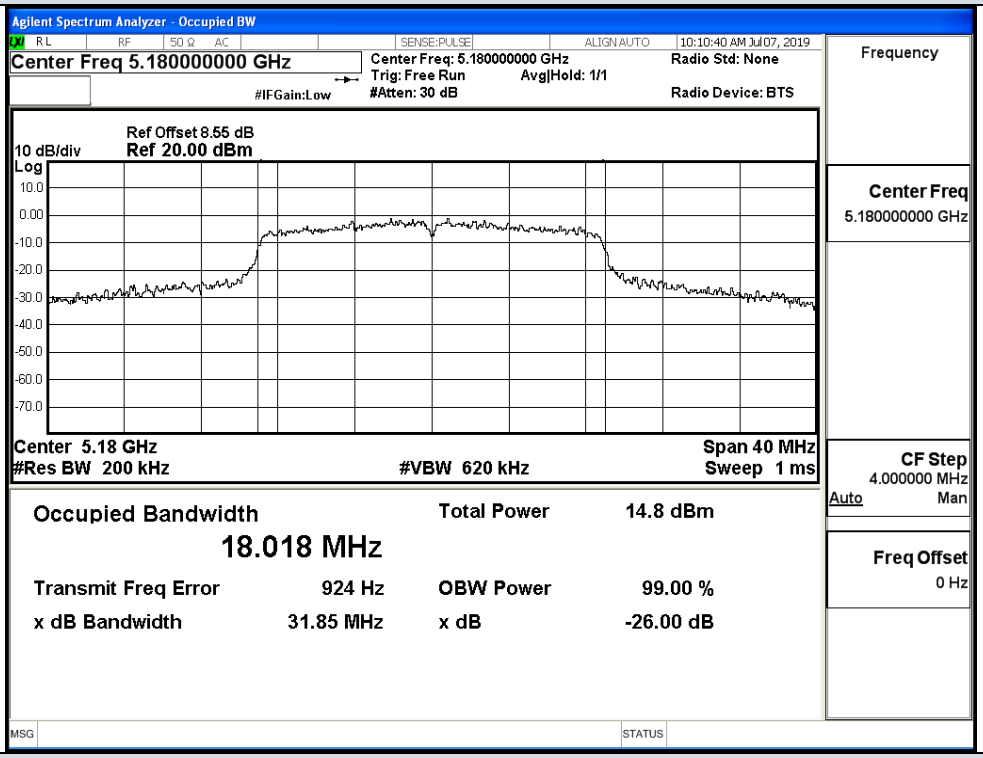
Antenna 0

Test Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)
11A	36	5180	31.820	18.018	No Limit
	40	5200	34.470	18.352	
	48	5240	33.980	18.830	
11N20 SISO	36	5180	29.290	17.948	No Limit
	40	5200	30.370	17.972	
	48	5240	35.170	18.456	
11N40 SISO	38	5190	64.770	36.497	No Limit
	46	5230	64.250	36.513	
11AC20 SISO	36	5180	30.680	18.034	No Limit
	40	5200	32.440	17.961	
	48	5240	31.830	18.121	
11AC40 SISO	38	5190	62.140	36.461	No Limit
	46	5230	68.100	36.646	
11AC80 SISO	42	5210	143.800	77.187	No Limit

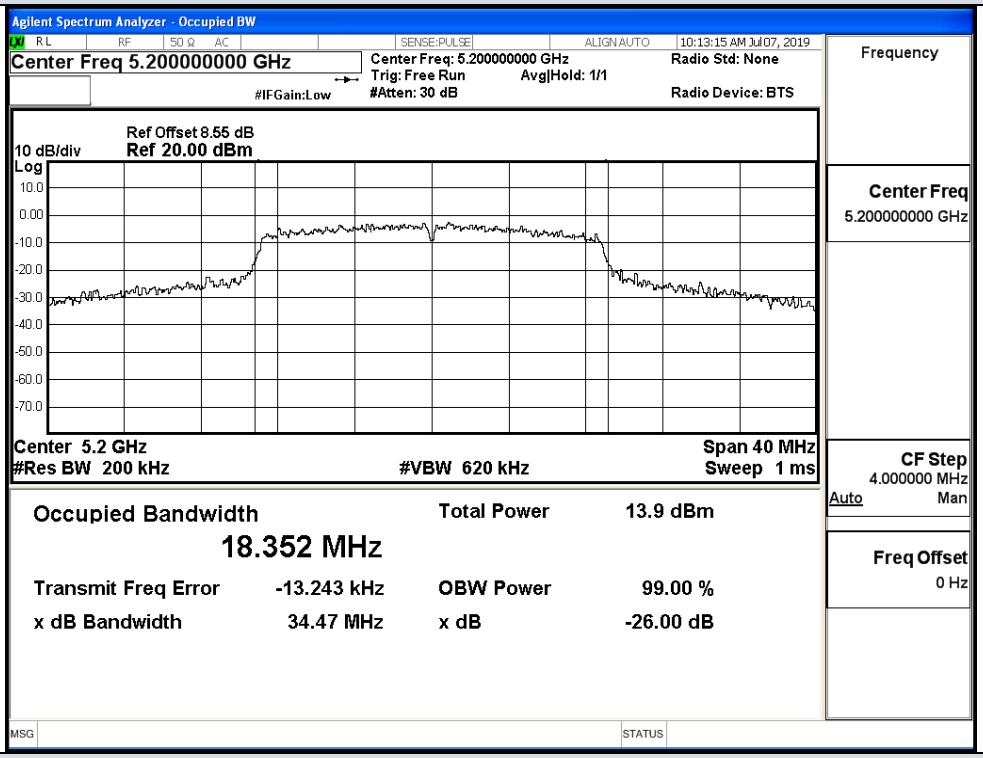
Antenna 1

Test Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)
11A	36	5180	32.920	18.081	No Limit
	40	5200	34.750	18.370	
	48	5240	38.230	19.378	
11N20 SISO	36	5180	33.160	17.984	No Limit
	40	5200	32.540	18.034	
	48	5240	33.720	18.289	
11N40 SISO	38	5190	65.050	36.440	No Limit
	46	5230	67.010	36.842	
11AC20 SISO	36	5180	31.880	17.939	No Limit
	40	5200	33.900	17.986	
	48	5240	34.190	18.238	
11AC40 SISO	38	5190	68.250	36.481	No Limit
	46	5230	66.670	36.720	
11AC80 SISO	42	5210	158.800	78.665	No Limit

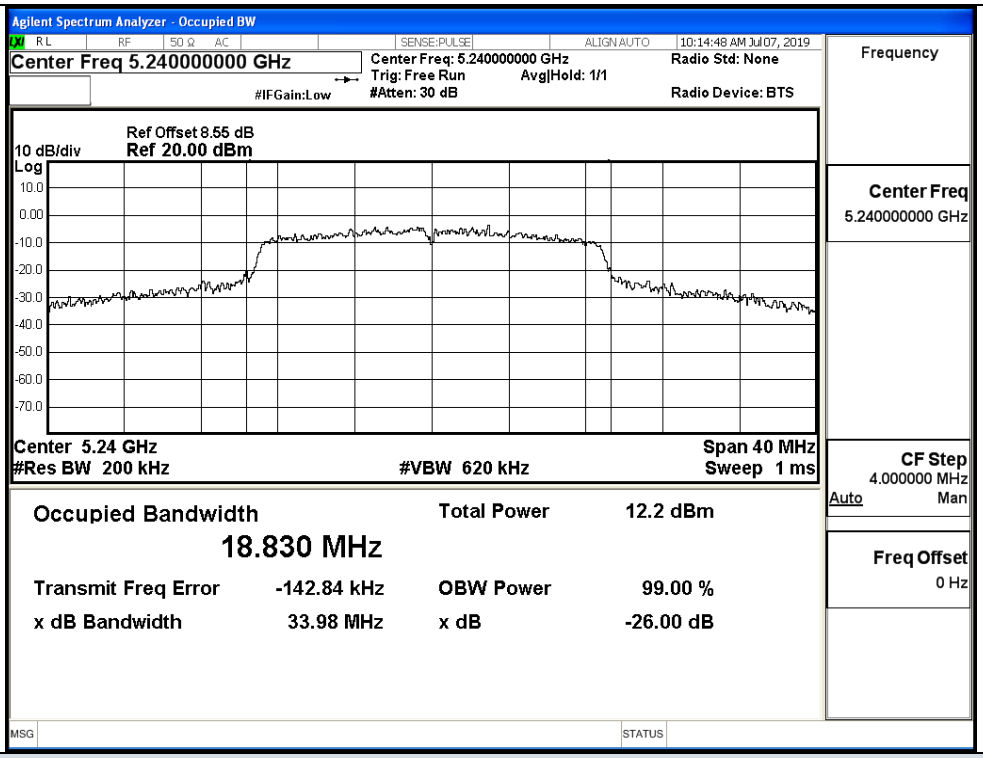
99% and 26dB Bandwidth Ant 0



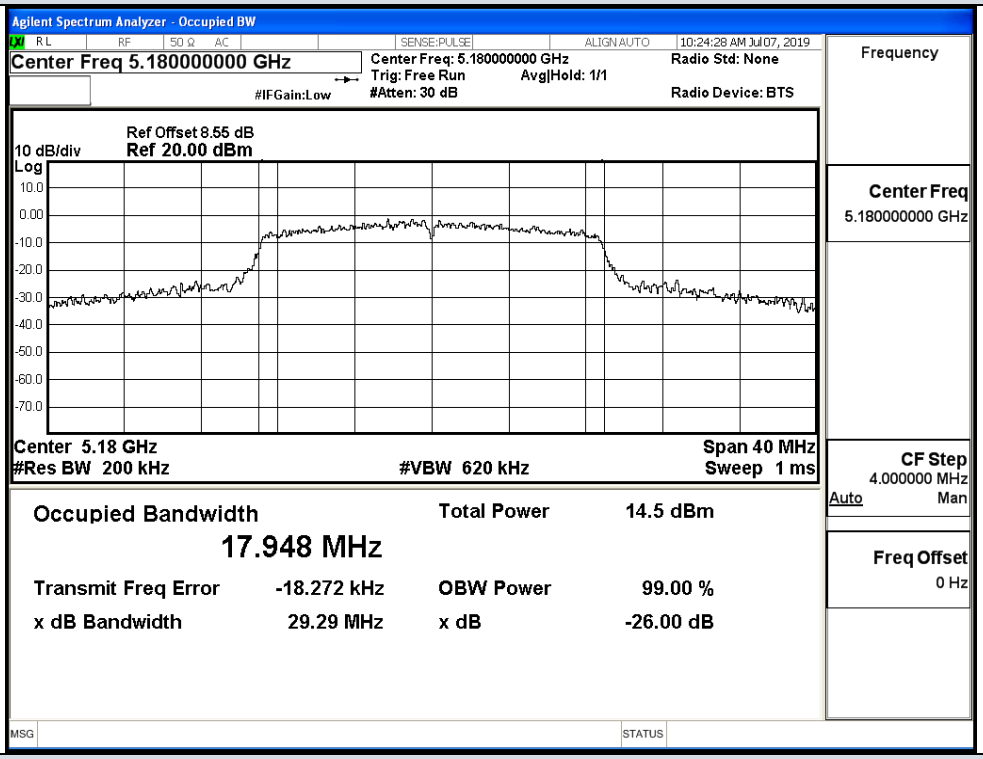
IEEE 802.11a / Channel 36 / 5180 MHz



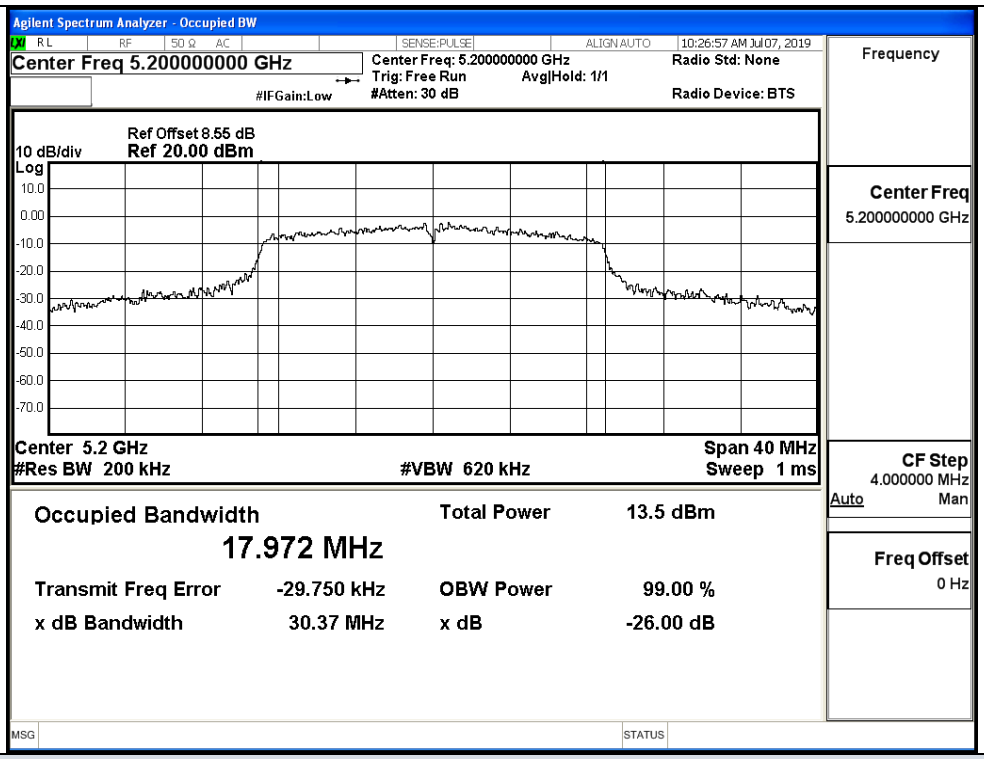
IEEE 802.11a / Channel 40 / 5200 MHz



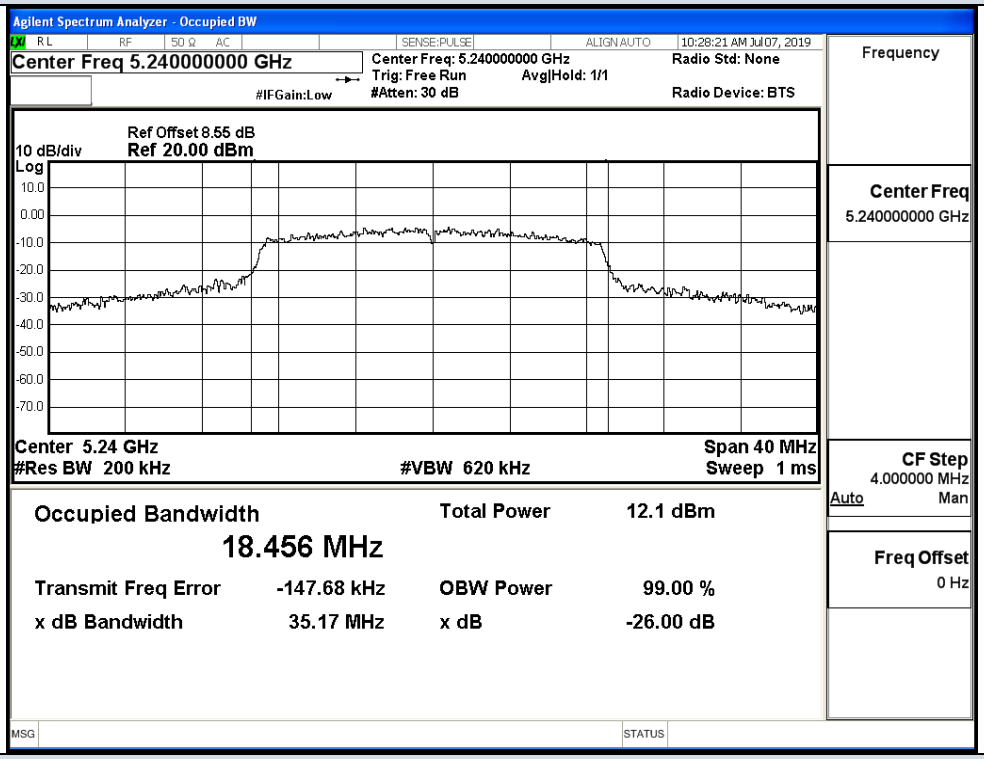
IEEE 802.11a / Channel 48 / 5240 MHz



IEEE 802.11n HT20 / Channel 36 / 5180 MHz

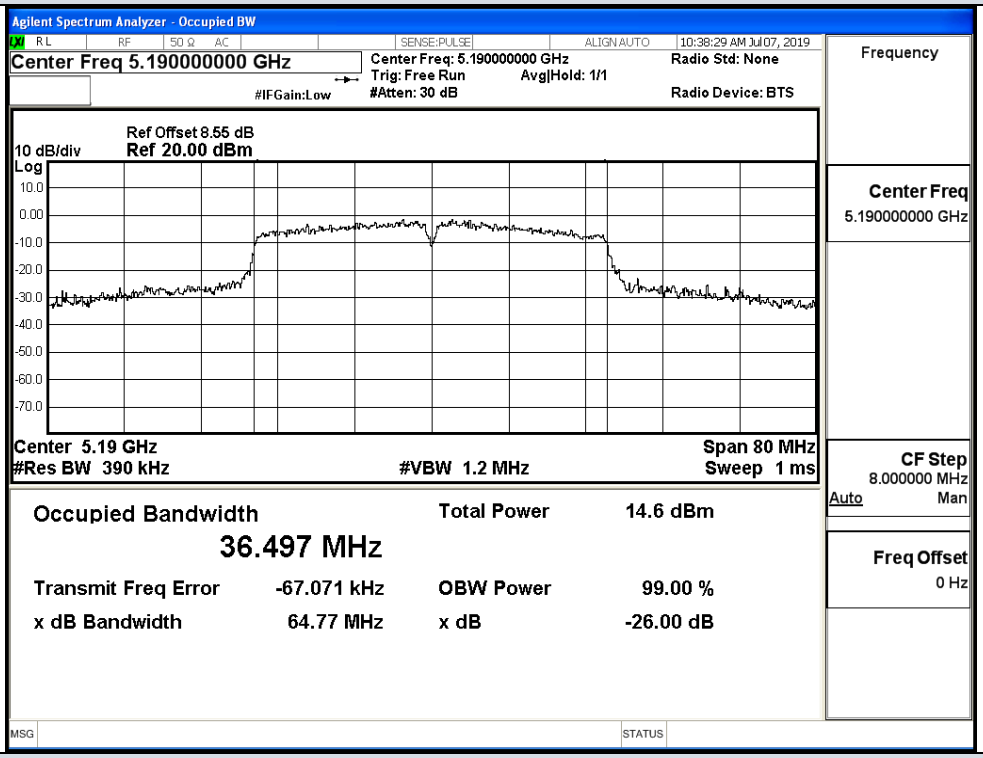


IEEE 802.11n HT20 / Channel 40 / 5200 MHz

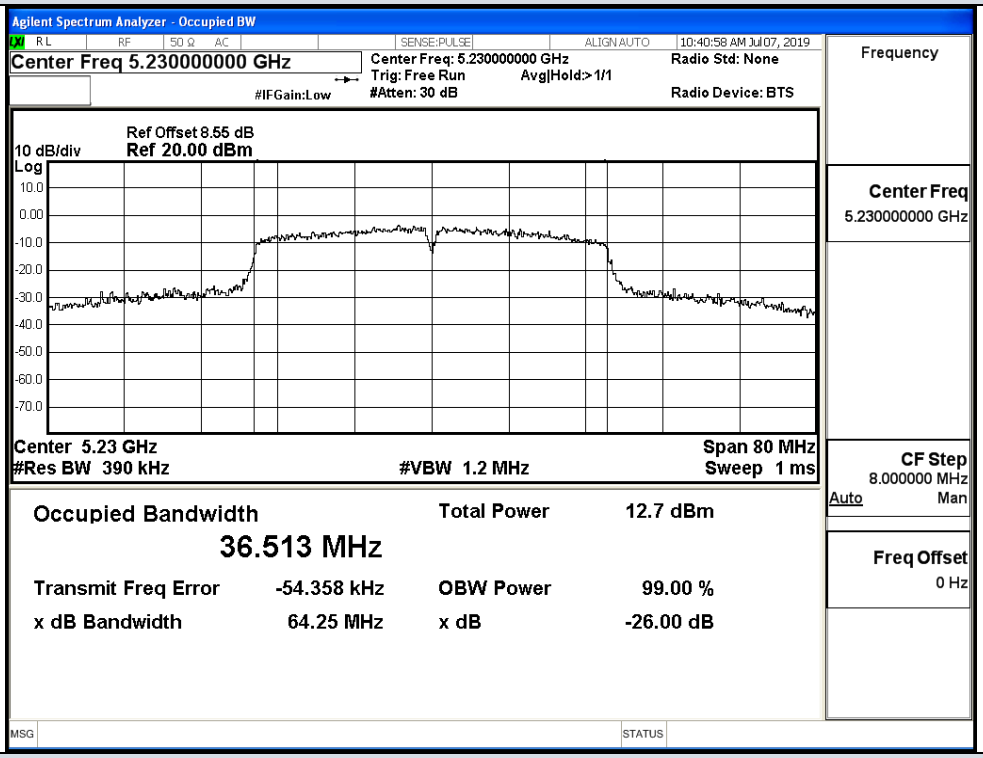


IEEE 802.11n HT20 / Channel 48 / 5240 MHz

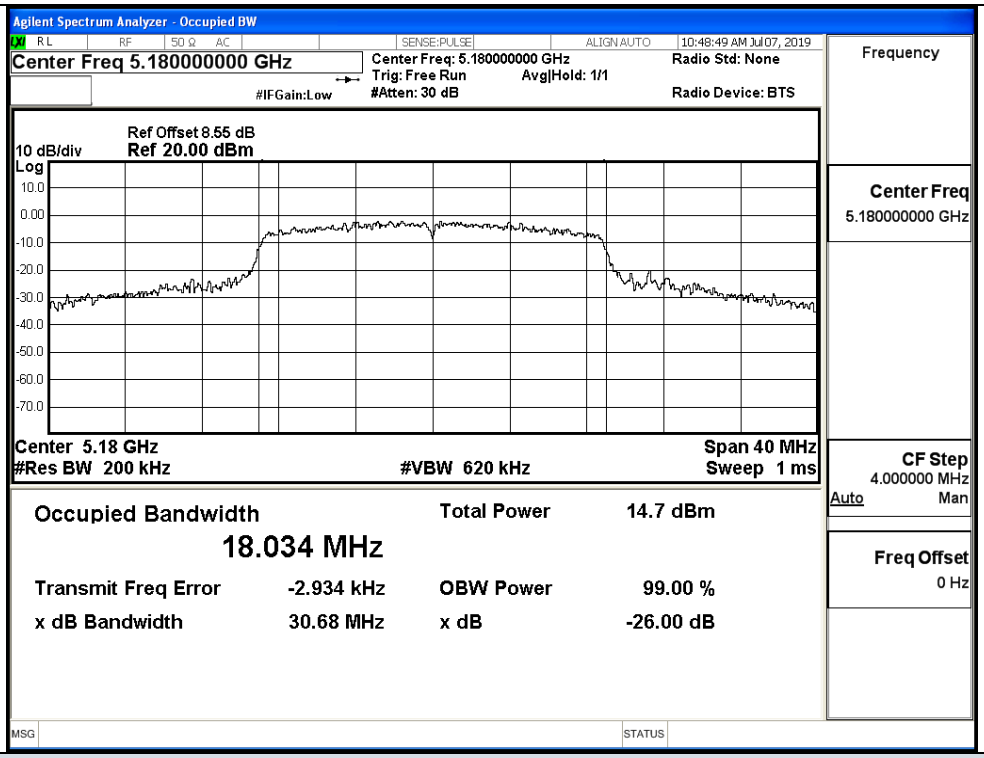
99% and 26dB Bandwidth Ant 0



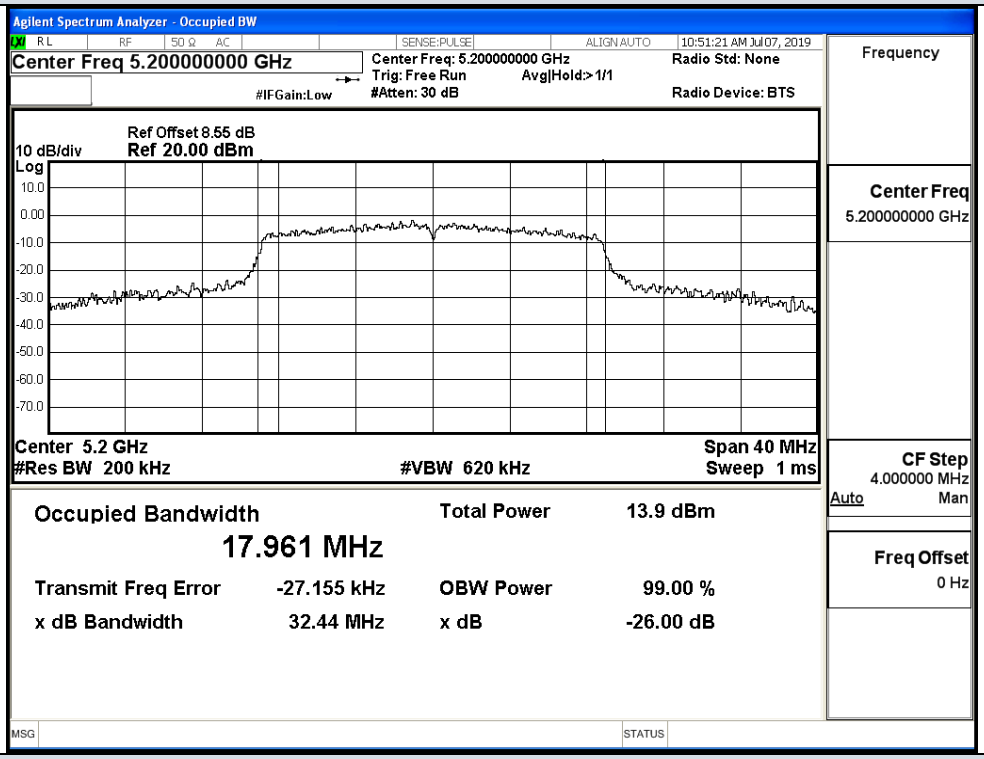
IEEE 802.11n HT40 / Channel 38 / 5190 MHz



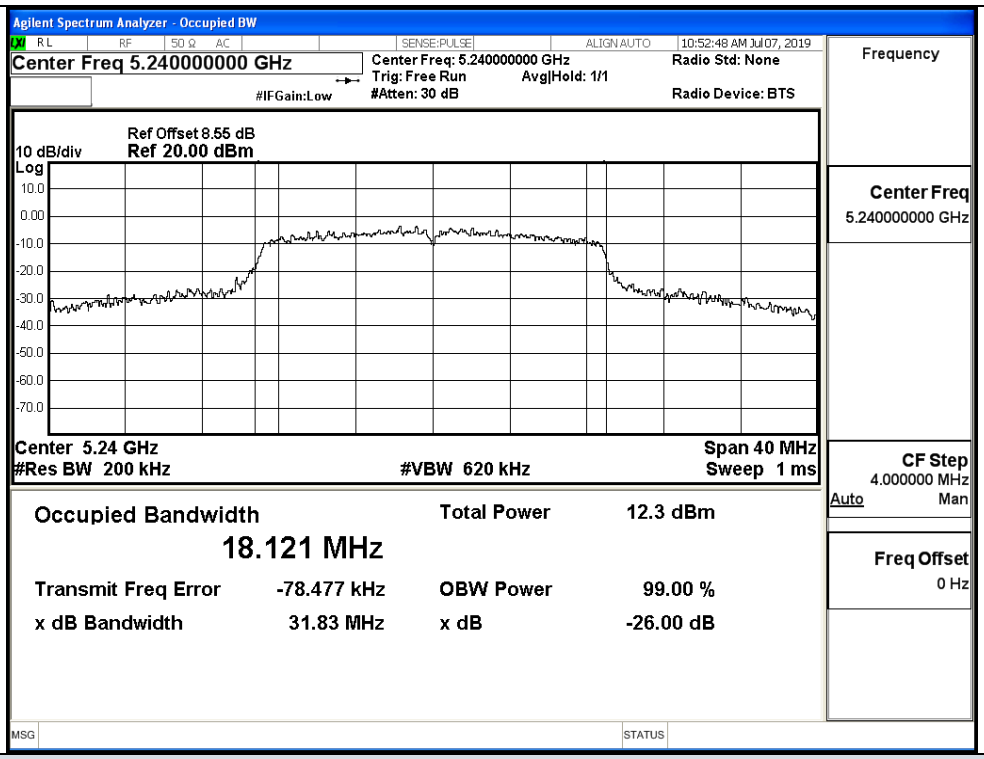
IEEE 802.11n HT40 / Channel 46 / 5230 MHz



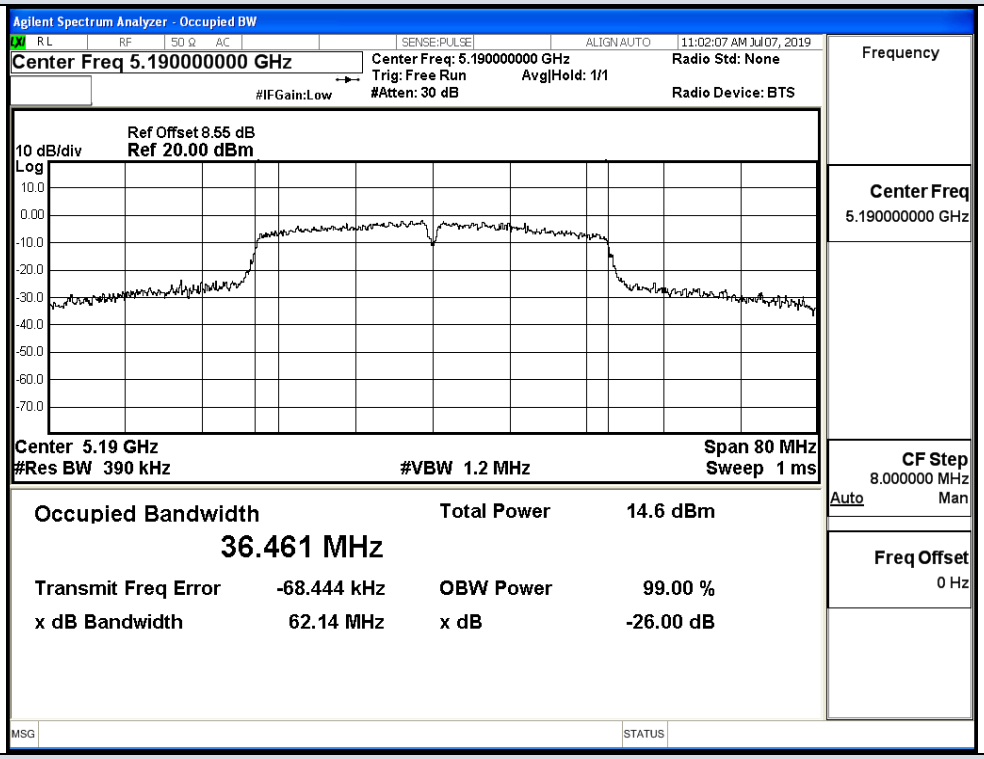
IEEE 802.11ac VHT20 / Channel 36 / 5180 MHz



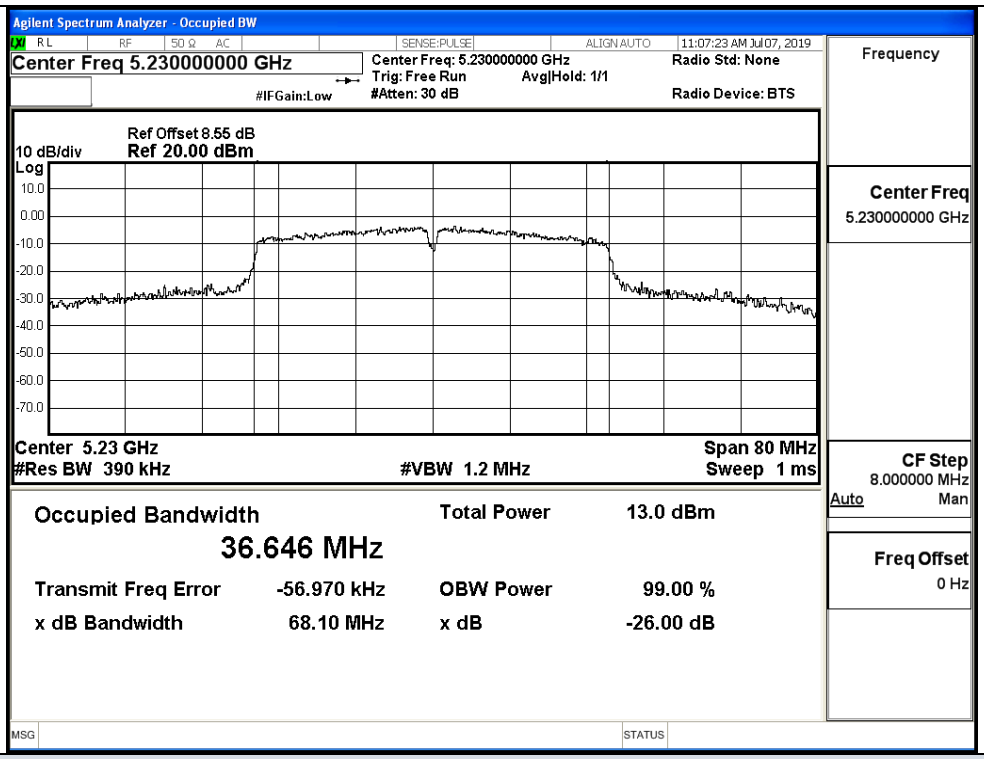
IEEE 802.11ac VHT20 / Channel 40 / 5200 MHz



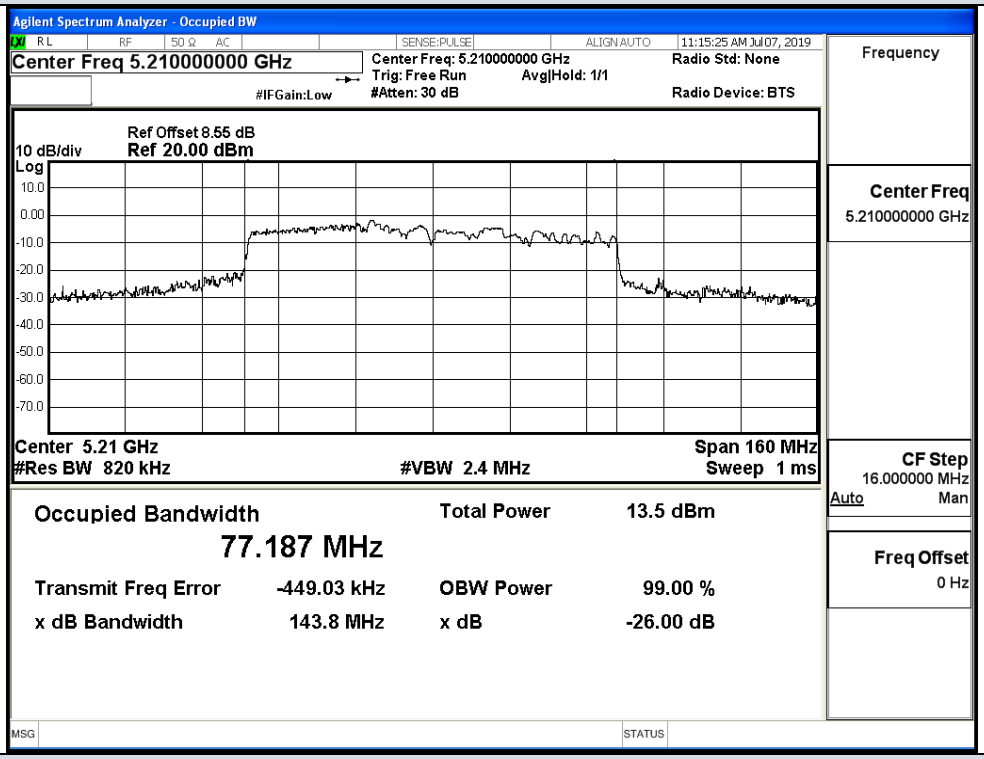
IEEE 802.11ac VHT20 / Channel 48 / 5240 MHz



IEEE 802.11ac VHT40 / Channel 38 / 5190 MHz

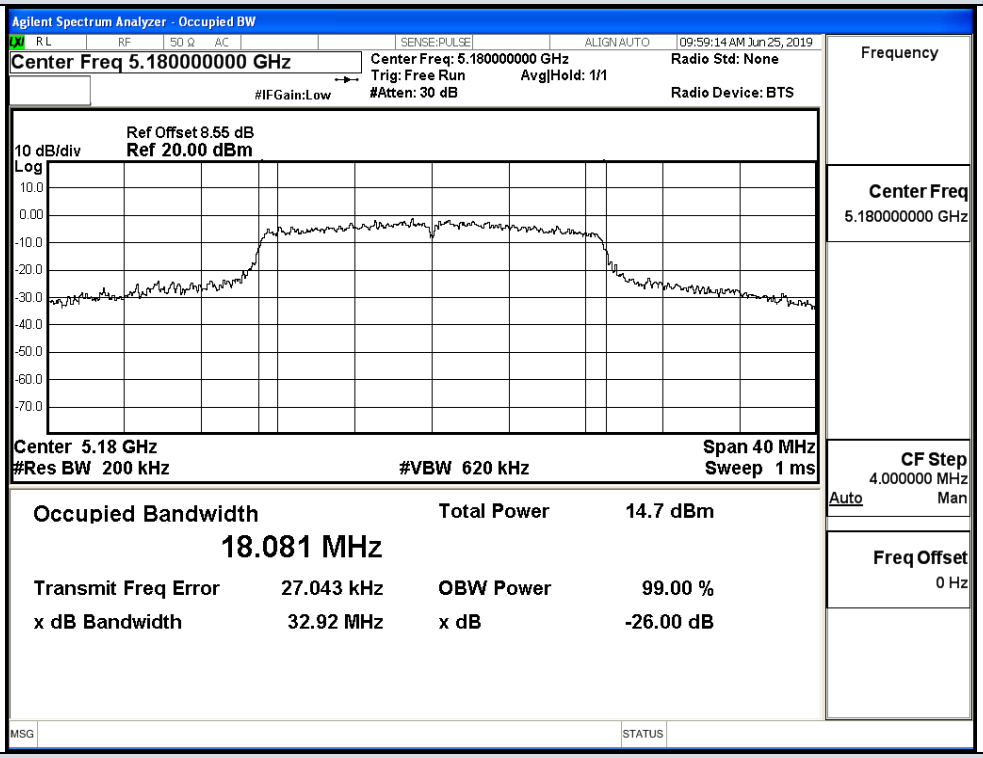


IEEE 802.11ac VHT40 / Channel 46 / 5230 MHz

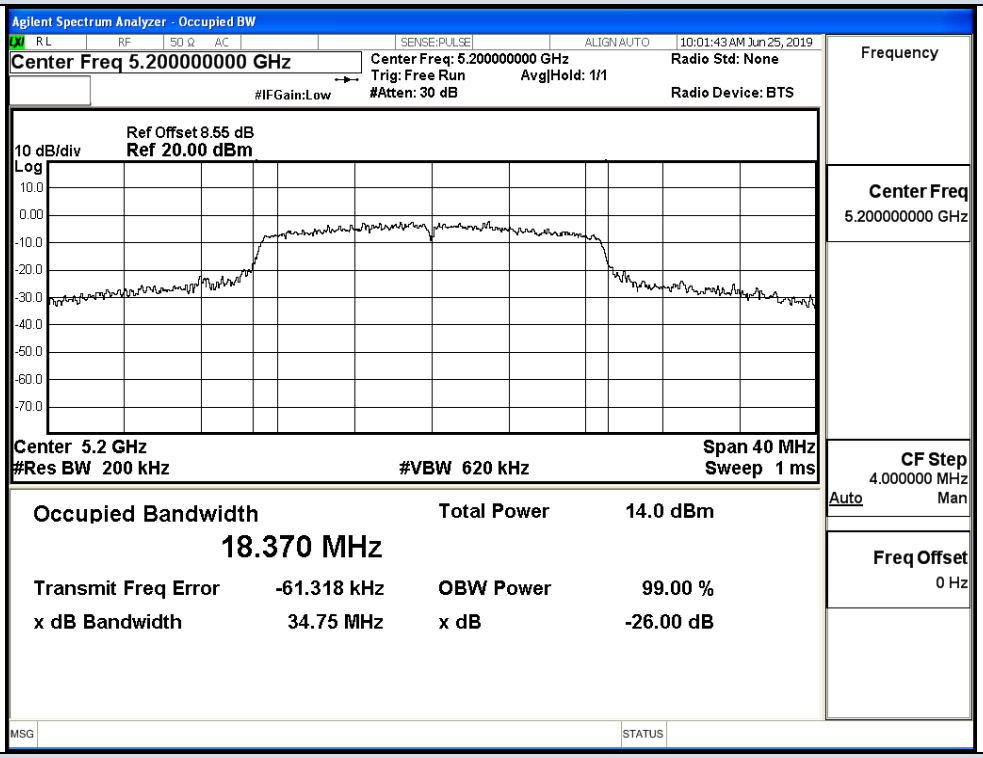


IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz

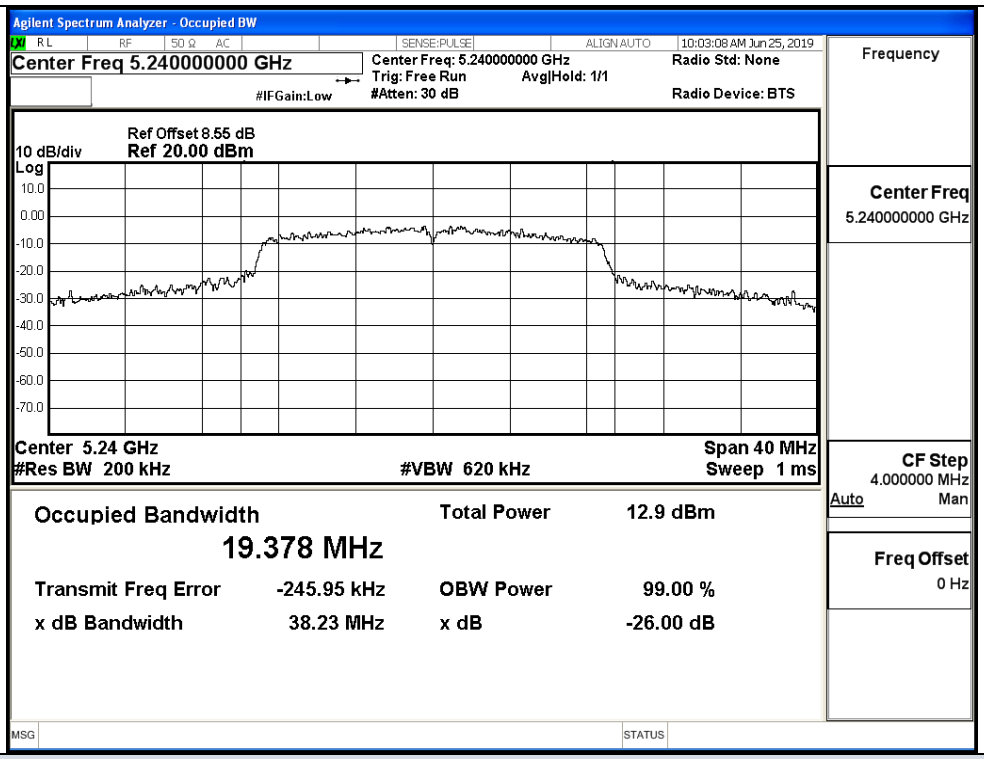
99% and 26dB Bandwidth Ant 1



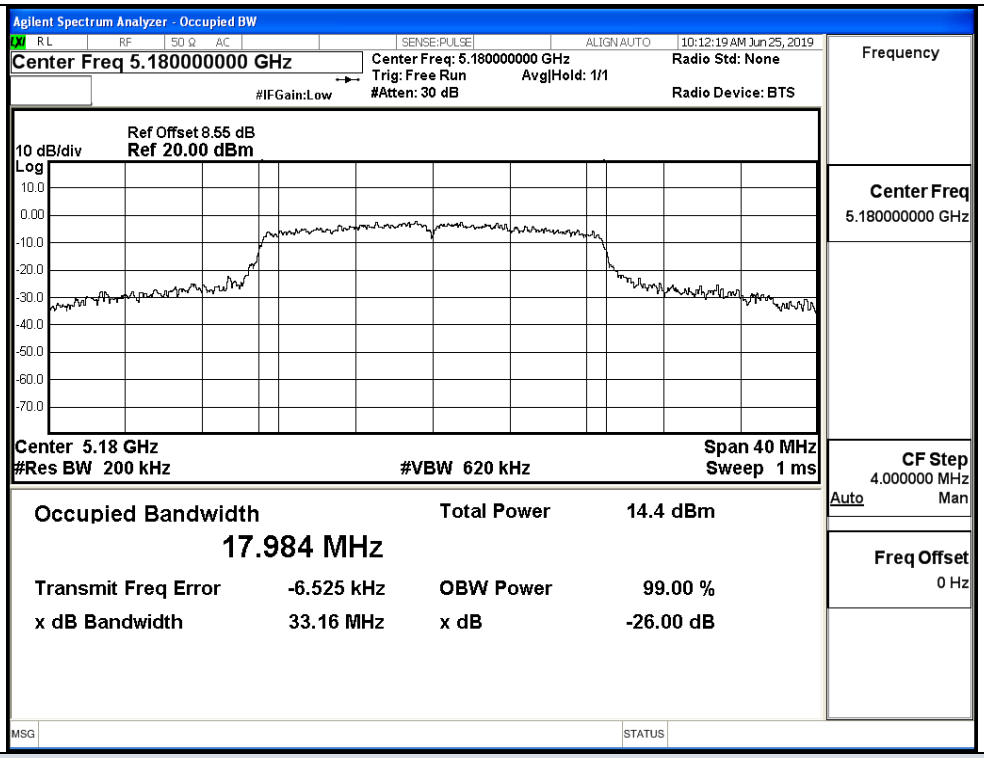
IEEE 802.11a / Channel 36 / 5180 MHz



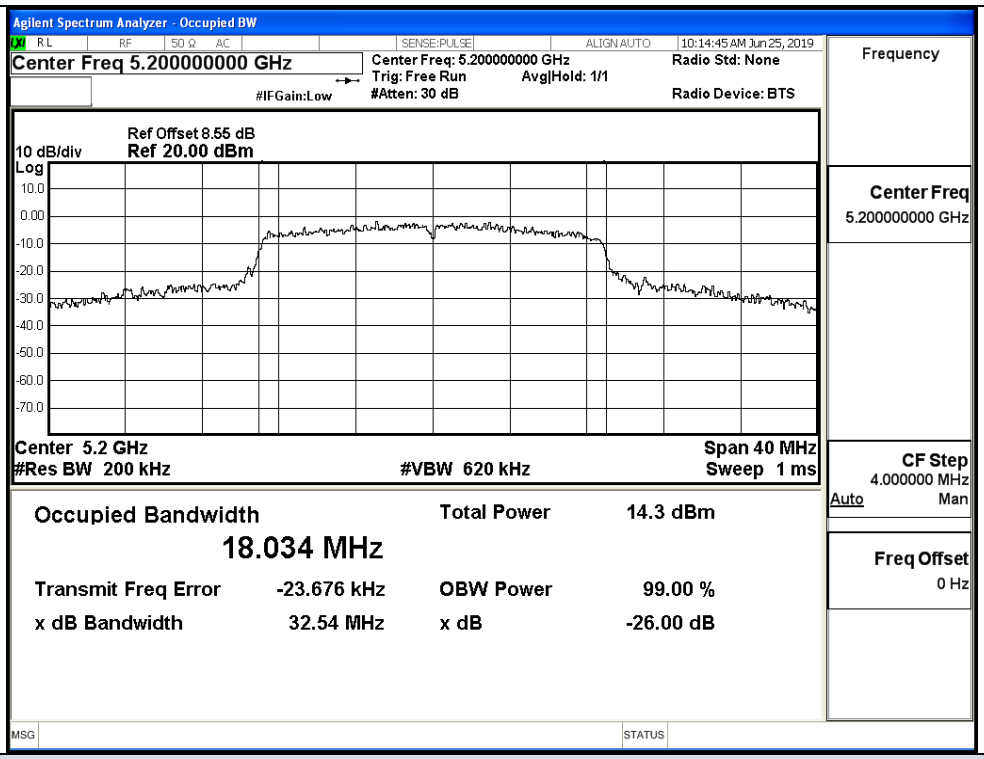
IEEE 802.11a / Channel 40 / 5200 MHz



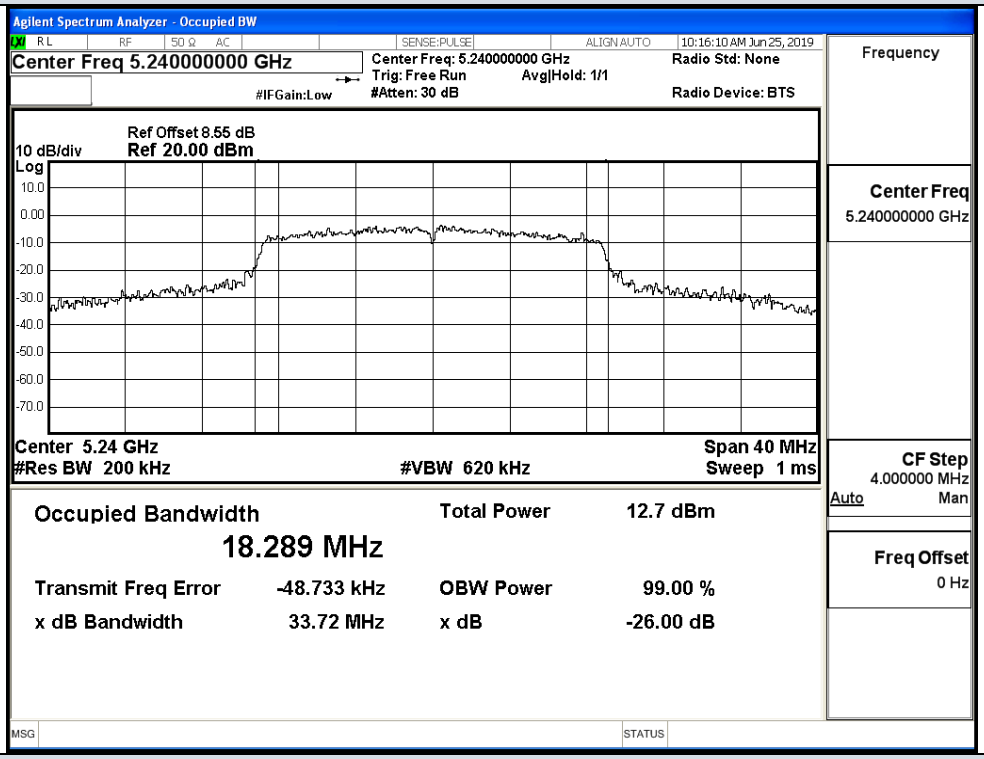
IEEE 802.11a / Channel 48 / 5240 MHz



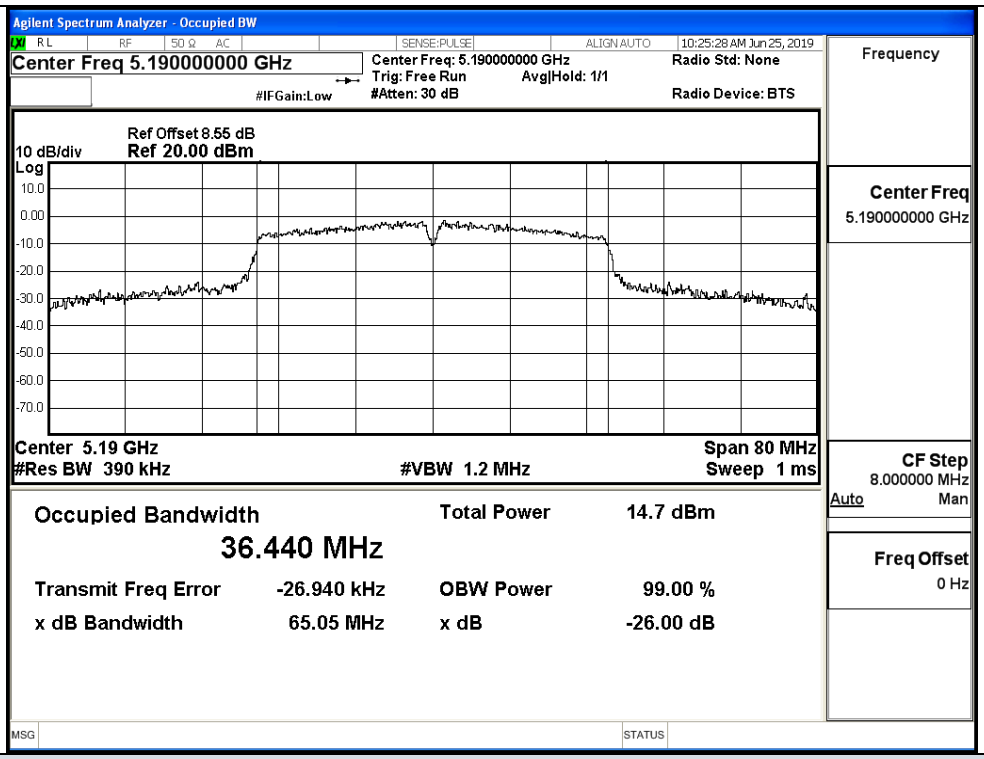
IEEE 802.11n HT20 / Channel 36 / 5180 MHz



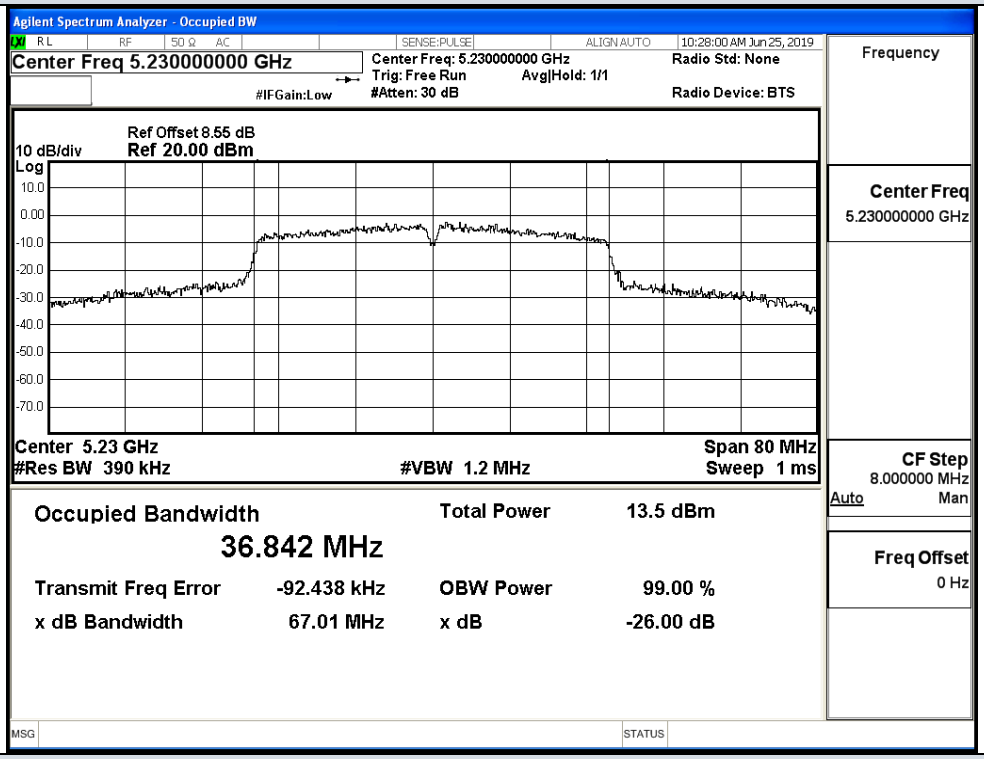
IEEE 802.11n HT20 / Channel 40 / 5200 MHz



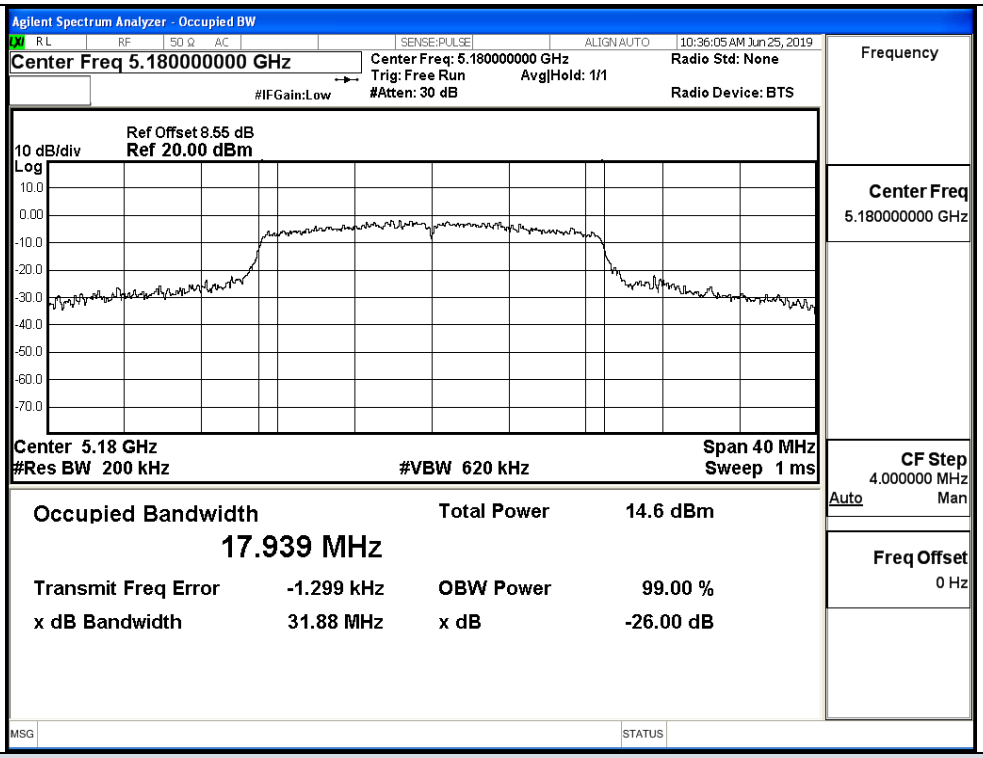
IEEE 802.11n HT20 / Channel 48 / 5240 MHz



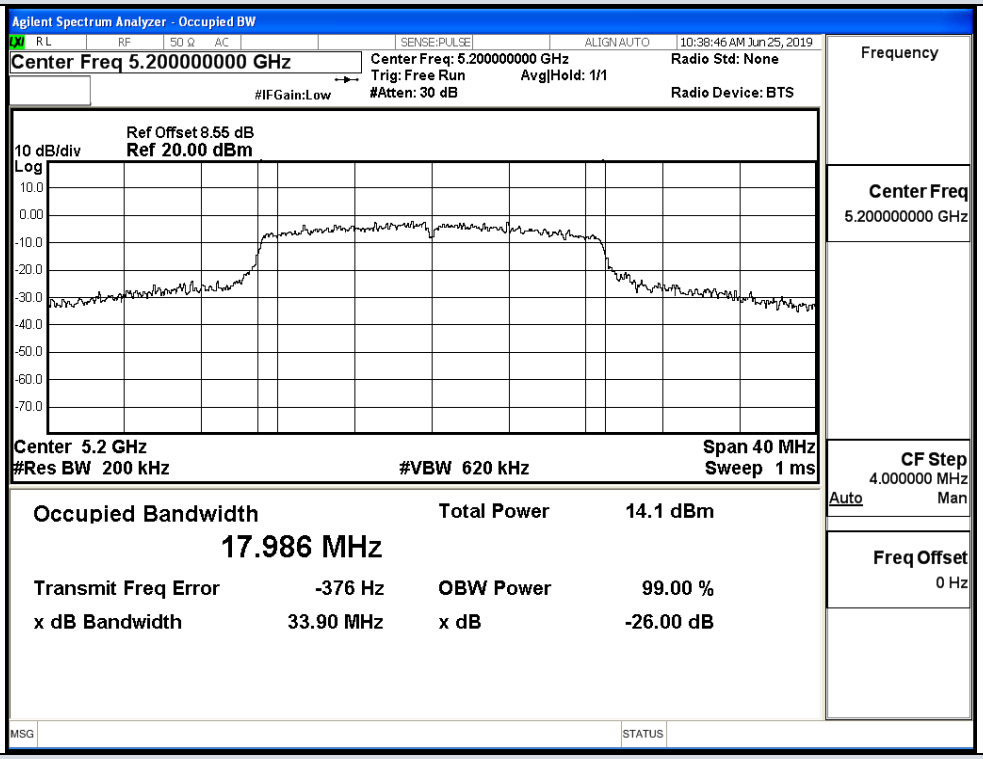
IEEE 802.11n HT40 / Channel 38 / 5190 MHz



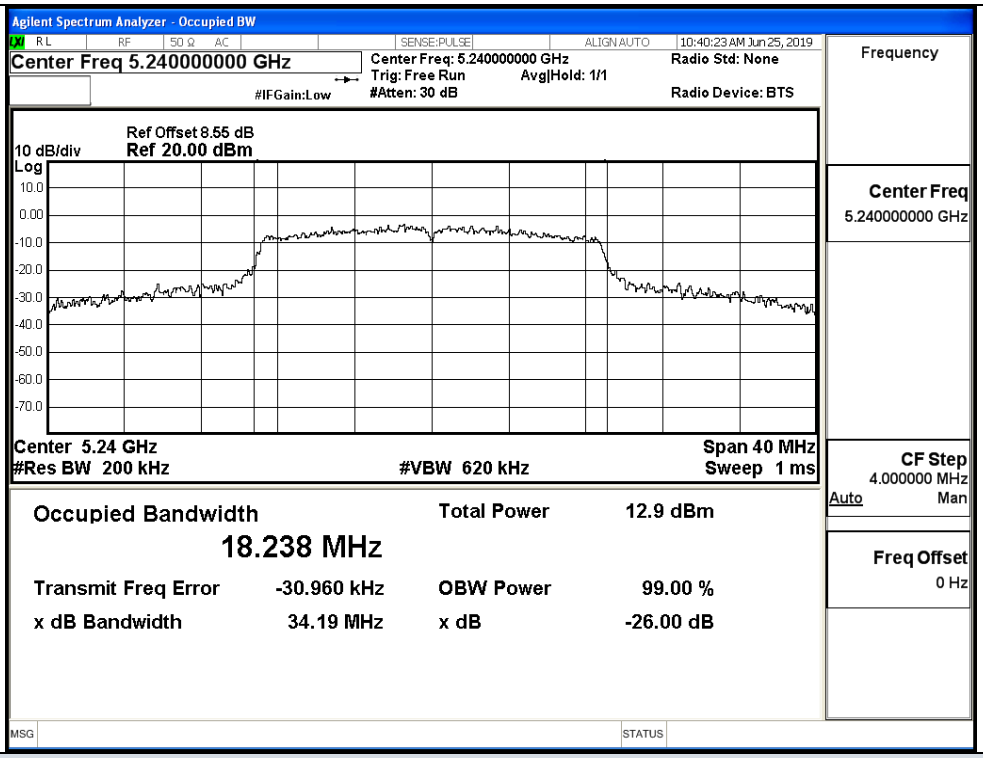
IEEE 802.11n HT40 / Channel 46 / 5230 MHz



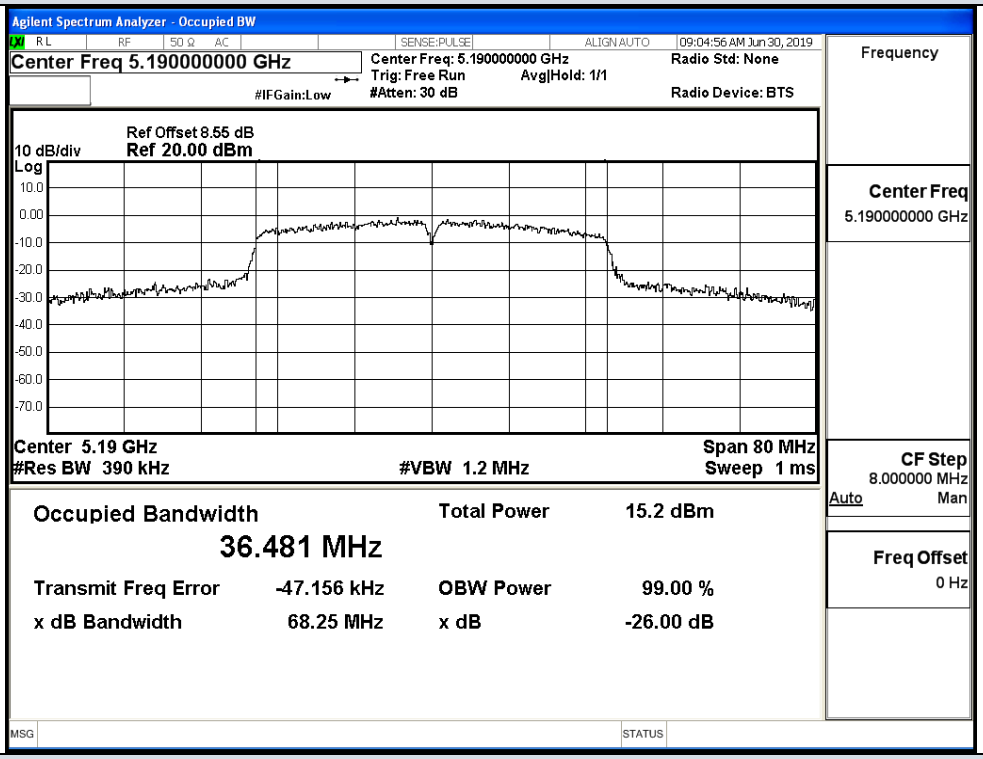
IEEE 802.11ac VHT20 / Channel 36 / 5180 MHz



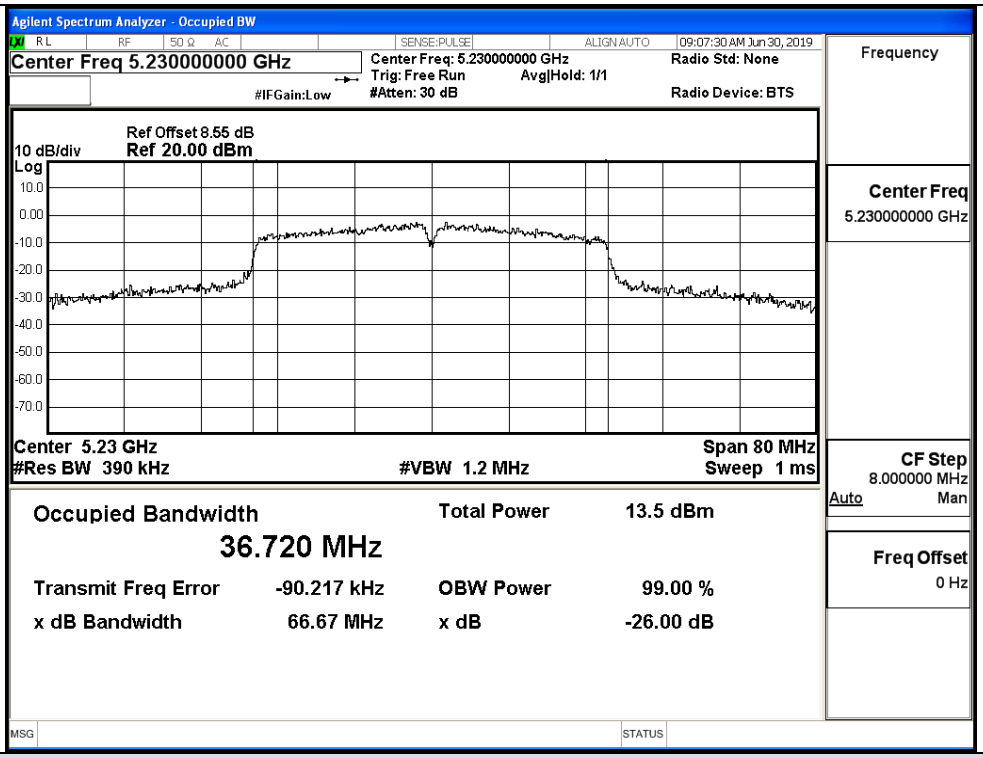
IEEE 802.11ac VHT20 / Channel 40 / 5200 MHz



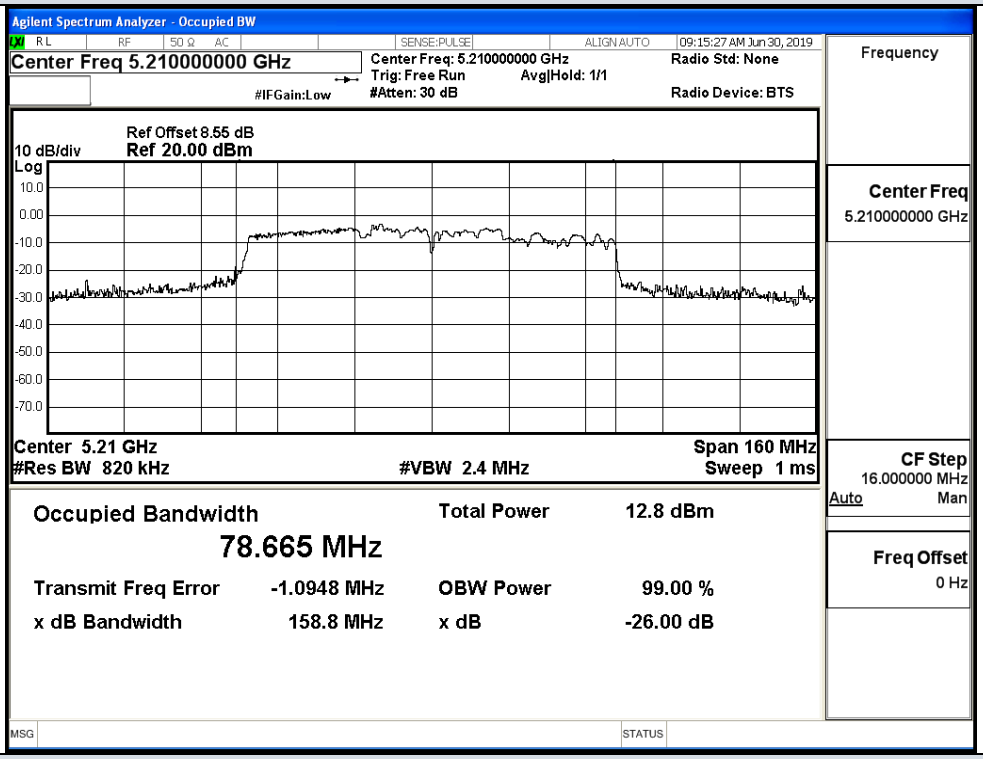
IEEE 802.11ac VHT20 / Channel 48 / 5240 MHz



IEEE 802.11ac VHT40 / Channel 38 / 5190 MHz



IEEE 802.11ac VHT40 / Channel 46 / 5230 MHz



IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz

D.5 Undesirable Emissions Measurement

Antenna 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)
11A	36	4500.0	-61.145	2.04	0	36.123	Peak	68.20
		4500.0	-71.508	2.04	0	25.760	Average	54.00
		5150.0	-37.636	2.04	0	59.632	Peak	68.20
		5150.0	-59.707	2.04	0	37.561	Average	54.00
	48	5350.0	-51.109	2.04	0	46.159	Peak	68.20
		5350.0	-60.684	2.04	0	36.584	Average	54.00
		5460.0	-50.807	2.04	0	46.461	Peak	68.20
		5460.0	-61.133	2.04	0	36.135	Average	54.00
11N20 SISO	36	4500.0	-62.330	2.04	0	34.938	Peak	68.20
		4500.0	-71.559	2.04	0	25.709	Average	54.00
		5150.0	-41.593	2.04	0	55.675	Peak	68.20
		5150.0	-59.746	2.04	0	37.522	Average	54.00
	48	5350.0	-49.276	2.04	0	47.992	Peak	68.20
		5350.0	-60.270	2.04	0	36.998	Average	54.00
		5460.0	-50.602	2.04	0	46.666	Peak	68.20
		5460.0	-60.817	2.04	0	36.451	Average	54.00
11N40 SISO	38	4500.0	-60.908	2.04	0	36.360	Peak	68.20
		4500.0	-71.572	2.04	0	25.696	Average	54.00
		5150.0	-39.174	2.04	0	58.094	Peak	68.20
		5150.0	-49.714	2.04	0	47.554	Average	54.00
	46	5350.0	-49.523	2.04	0	47.745	Peak	68.20
		5350.0	-59.837	2.04	0	37.431	Average	54.00
		5460.0	-50.265	2.04	0	47.003	Peak	68.20
		5460.0	-60.502	2.04	0	36.766	Average	54.00
11AC20 SISO	36	4500.0	-61.519	2.04	0	35.749	Peak	68.20
		4500.0	-71.538	2.04	0	25.730	Average	54.00
		5150.0	-43.872	2.04	0	53.396	Peak	68.20
		5150.0	-59.724	2.04	0	37.544	Average	54.00
	48	5350.0	-50.366	2.04	0	46.902	Peak	68.20
		5350.0	-60.316	2.04	0	36.952	Average	54.00
		5460.0	-49.747	2.04	0	47.521	Peak	68.20
		5460.0	-60.758	2.04	0	36.510	Average	54.00
11AC40 SISO	38	4500.0	-62.501	2.04	0	34.767	Peak	68.20
		4500.0	-60.442	2.04	0	36.826	Average	54.00
		5150.0	-39.598	2.04	0	57.670	Peak	68.20
		5150.0	-49.470	2.04	0	47.798	Average	54.00
	46	5350.0	-49.128	2.04	0	48.140	Peak	68.20
		5350.0	-59.753	2.04	0	37.515	Average	54.00
		5460.0	-49.986	2.04	0	47.282	Peak	68.20
		5460.0	-60.473	2.04	0	36.795	Average	54.00
11AC80 SISO	42	4500.0	-61.338	2.04	0	35.930	Peak	68.20
		4500.0	-71.575	2.04	0	25.693	Average	54.00
		5150.0	-39.476	2.04	0	57.792	Peak	68.20

		5150.0	-57.389	2.04	0	39.879	Average	54.00
		5350.0	-39.465	2.04	0	57.803	Peak	68.20
		5350.0	-52.905	2.04	0	44.363	Average	54.00
		5460.0	-49.950	2.04	0	47.318	Peak	68.20
		5460.0	-59.835	2.04	0	37.433	Average	54.00

Antenna 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)
11A	36	4500.0	-61.377	2.04	0	35.891	Peak	68.20
		4500.0	-71.536	2.04	0	25.732	Average	54.00
		5150.0	-37.505	2.04	0	59.763	Peak	68.20
		5150.0	-59.723	2.04	0	37.545	Average	54.00
	48	5350.0	-50.084	2.04	0	47.184	Peak	68.20
		5350.0	-60.364	2.04	0	36.904	Average	54.00
		5460.0	-50.492	2.04	0	46.776	Peak	68.20
		5460.0	-60.962	2.04	0	36.306	Average	54.00
11N20 SISO	36	4500.0	-61.192	2.04	0	36.076	Peak	68.20
		4500.0	-71.521	2.04	0	25.747	Average	54.00
		5150.0	-39.079	2.04	0	58.189	Peak	68.20
		5150.0	-59.745	2.04	0	37.523	Average	54.00
	48	5350.0	-50.204	2.04	0	47.064	Peak	68.20
		5350.0	-60.371	2.04	0	36.897	Average	54.00
		5460.0	-49.729	2.04	0	47.539	Peak	68.20
		5460.0	-60.921	2.04	0	36.347	Average	54.00
11N40 SISO	38	4500.0	-62.501	2.04	0	34.767	Peak	68.20
		4500.0	-71.589	2.04	0	25.679	Average	54.00
		5150.0	-39.155	2.04	0	58.113	Peak	68.20
		5150.0	-49.730	2.04	0	47.538	Average	54.00
	46	5350.0	-49.322	2.04	0	47.946	Peak	68.20
		5350.0	-59.625	2.04	0	37.643	Average	54.00
		5460.0	-51.372	2.04	0	45.896	Peak	68.20
		5460.0	-60.606	2.04	0	36.662	Average	54.00
11AC20 SISO	36	4500.0	-62.446	2.04	0	34.822	Peak	68.20
		4500.0	-71.521	2.04	0	25.747	Average	54.00
		5150.0	-39.452	2.04	0	57.816	Peak	68.20
		5150.0	-59.697	2.04	0	37.571	Average	54.00
	48	5350.0	-50.416	2.04	0	46.852	Peak	68.20
		5350.0	-60.330	2.04	0	36.938	Average	54.00
		5460.0	-50.531	2.04	0	46.737	Peak	68.20
		5460.0	-60.910	2.04	0	36.358	Average	54.00
11AC40 SISO	38	4500.0	-61.471	2.04	0	35.797	Peak	68.20
		4500.0	-71.637	2.04	0	25.631	Average	54.00
		5150.0	-39.323	2.04	0	57.945	Peak	68.20
		5150.0	-49.769	2.04	0	47.499	Average	54.00
	46	5350.0	-49.099	2.04	0	48.169	Peak	68.20
		5350.0	-59.905	2.04	0	37.363	Average	54.00
		5460.0	-51.038	2.04	0	46.230	Peak	68.20

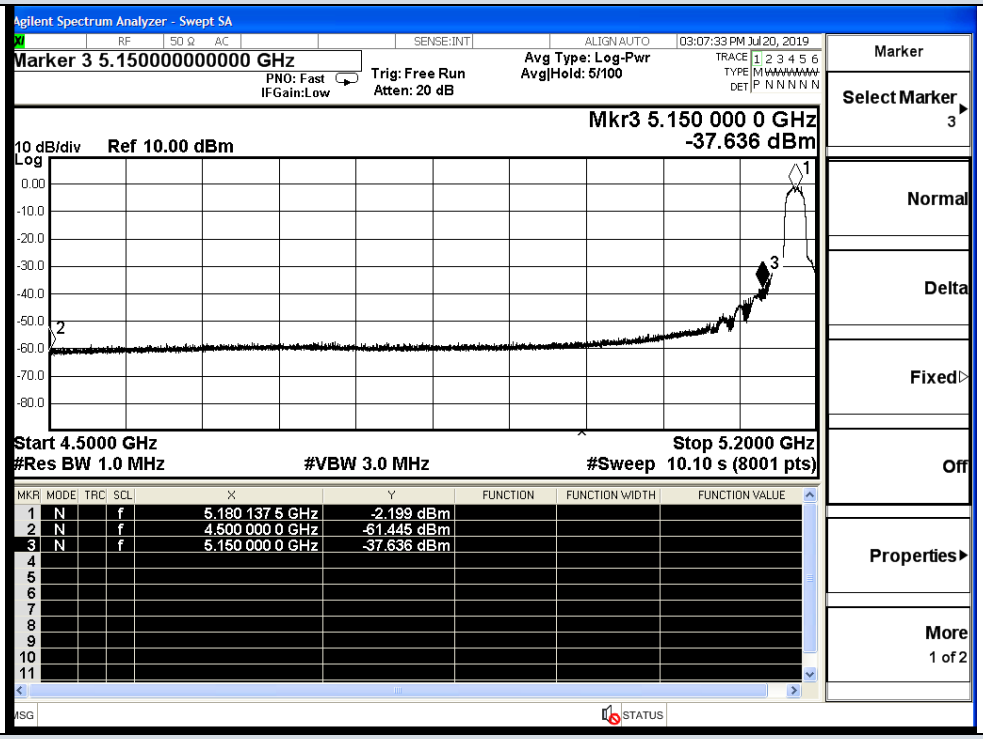
		5460.0	-60.923	2.04	0	36.345	Average	54.00
11AC80 SISO	42	4500.0	-61.929	2.04	0	35.339	Peak	68.20
		4500.0	-71.581	2.04	0	25.687	Average	54.00
		5150.0	-38.222	2.04	0	59.046	Peak	68.20
		5150.0	-57.394	2.04	0	39.874	Average	54.00
		5350.0	-40.398	2.04	0	56.870	Peak	68.20
		5350.0	-53.900	2.04	0	43.368	Average	54.00
		5460.0	-50.456	2.04	0	46.812	Peak	68.20
		5460.0	-60.253	2.04	0	37.015	Average	54.00

ANT0+ANT1:

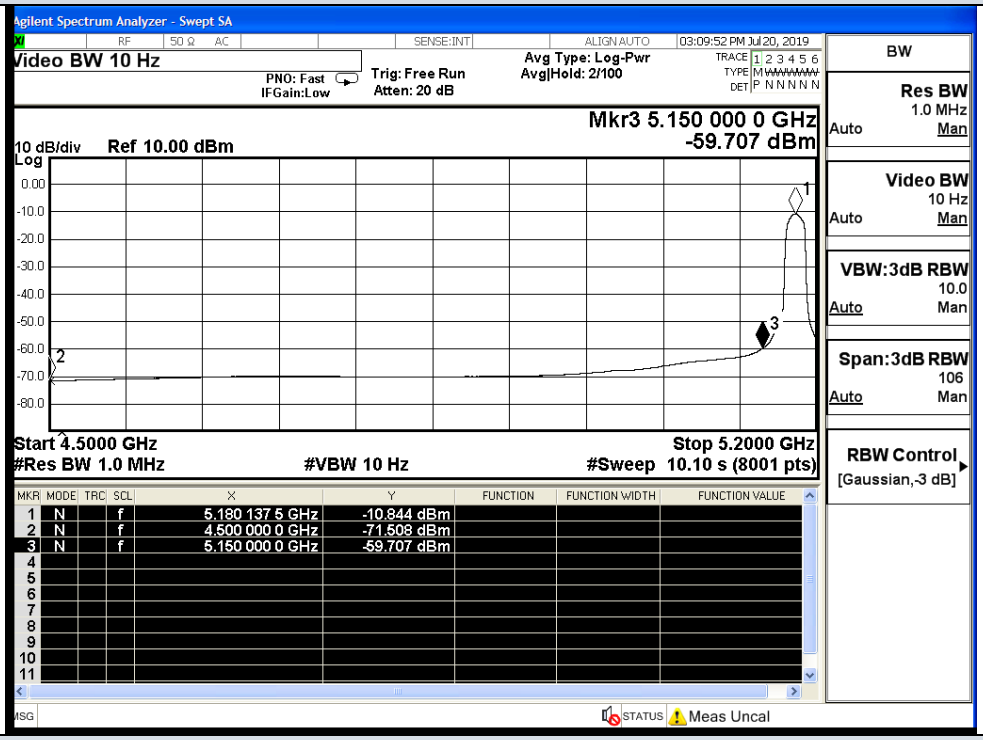
Test Mode	Channel	Frequency (MHz)	Covert Radiated E Level At 3m (dBuV/m)			Ground Reflection Factor (dB)	Detector	Limit (dBuV/m)
			Ant0	Ant1	Sum			
11N20 MIMO	36	4500.0	34.938	36.076	41.546	0	Peak	68.20
		4500.0	25.709	25.747	31.749	0	Average	54.00
		5150.0	55.675	58.189	63.043	0	Peak	68.20
		5150.0	37.522	37.523	43.543	0	Average	54.00
	48	5350.0	47.992	47.064	53.561	0	Peak	68.20
		5350.0	36.998	36.897	42.968	0	Average	54.00
		5460.0	46.666	47.539	53.134	0	Peak	68.20
		5460.0	36.451	36.347	42.420	0	Average	54.00
11N40 MIMO	38	4500.0	36.360	34.767	41.621	0	Peak	68.20
		4500.0	25.696	25.679	31.708	0	Average	54.00
		5150.0	58.094	58.113	64.124	0	Peak	68.20
		5150.0	47.554	47.538	53.567	0	Average	54.00
	46	5350.0	47.745	47.946	53.867	0	Peak	68.20
		5350.0	37.431	37.643	43.558	0	Average	54.00
		5460.0	47.003	45.896	52.488	0	Peak	68.20
		5460.0	36.766	36.662	42.735	0	Average	54.00
11AC20 MIMO	36	4500.0	35.749	34.822	41.318	0	Peak	68.20
		4500.0	25.730	25.747	31.759	0	Average	54.00
		5150.0	53.396	57.816	61.905	0	Peak	68.20
		5150.0	37.544	37.571	43.578	0	Average	54.00
	48	5350.0	46.902	46.852	52.898	0	Peak	68.20
		5350.0	36.952	36.938	42.966	0	Average	54.00
		5460.0	47.521	46.737	53.158	0	Peak	68.20
		5460.0	36.510	36.358	42.455	0	Average	54.00
11AC40 MIMO	38	4500.0	34.767	35.797	41.318	0	Peak	68.20
		4500.0	36.826	25.631	38.940	0	Average	54.00
		5150.0	57.670	57.945	63.829	0	Peak	68.20
		5150.0	47.798	47.499	53.670	0	Average	54.00
	46	5350.0	48.140	48.169	54.175	0	Peak	68.20
		5350.0	37.515	37.363	43.460	0	Average	54.00
		5460.0	47.282	46.230	52.793	0	Peak	68.20
		5460.0	36.795	36.345	42.594	0	Average	54.00
11AC80 MIMO	42	4500.0	35.930	35.339	41.660	0	Peak	68.20
		4500.0	25.693	25.687	31.711	0	Average	54.00

		5150.0	57.792	59.046	64.462	0	Peak	68.20
		5150.0	39.879	39.874	45.897	0	Average	54.00
		5350.0	57.803	56.870	63.370	0	Peak	68.20
		5350.0	44.363	43.368	49.900	0	Average	54.00
		5460.0	47.318	46.812	53.089	0	Peak	68.20
		5460.0	37.433	37.015	43.247	0	Average	54.00

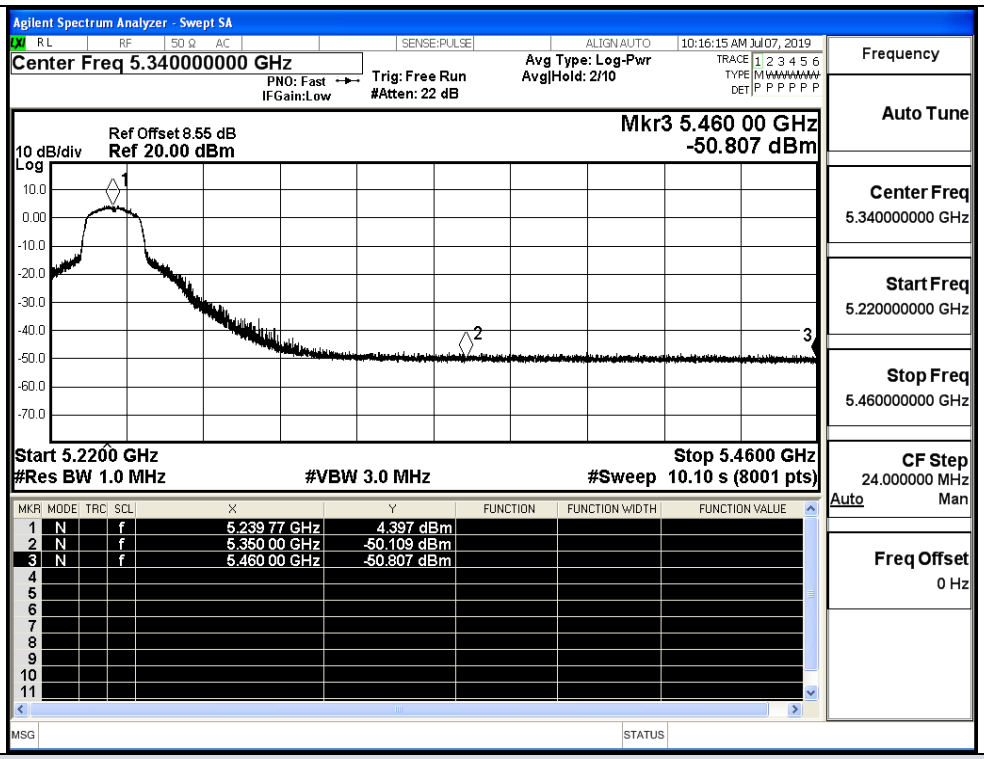
Undesirable Emissions Measurement Ant 0



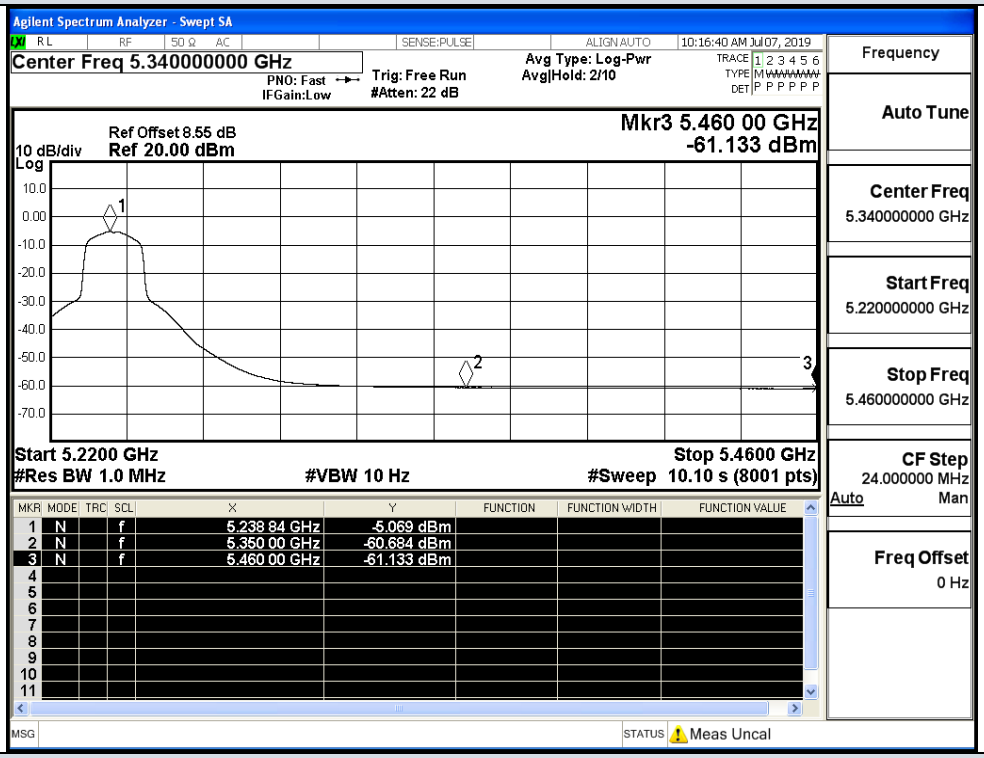
IEEE 802.11a / Channel 36 / 5180 MHz / Peak



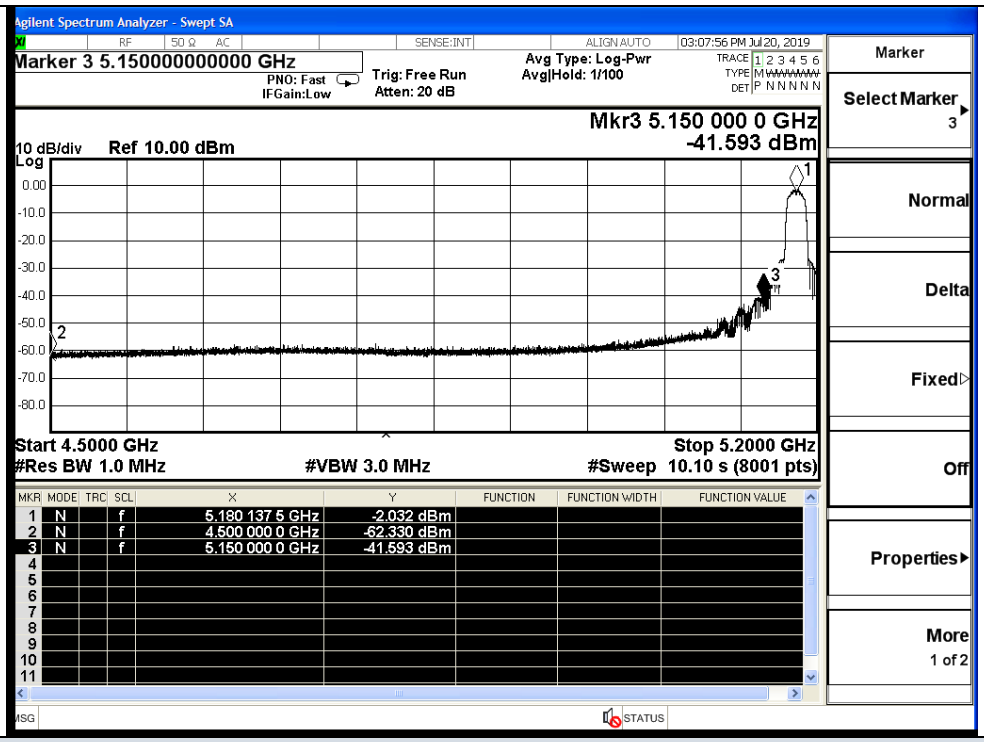
IEEE 802.11a / Channel 36 / 5180 MHz / Average



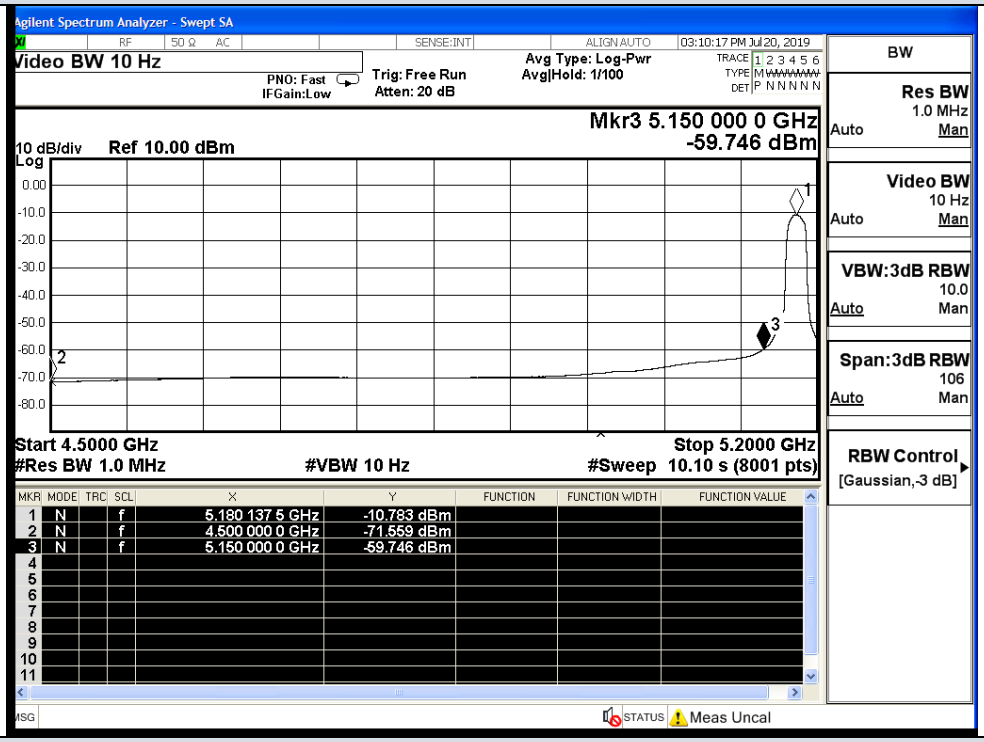
IEEE 802.11a / Channel 48 / 5240 MHz / Peak



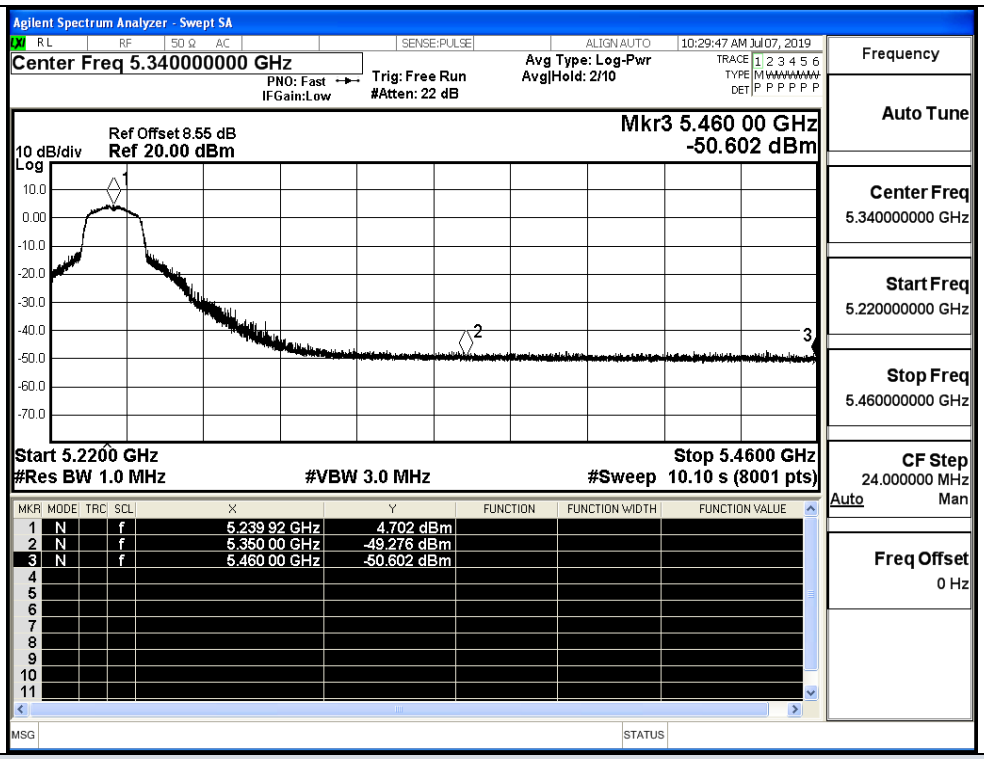
IEEE 802.11a / Channel 48 / 5240 MHz / Average



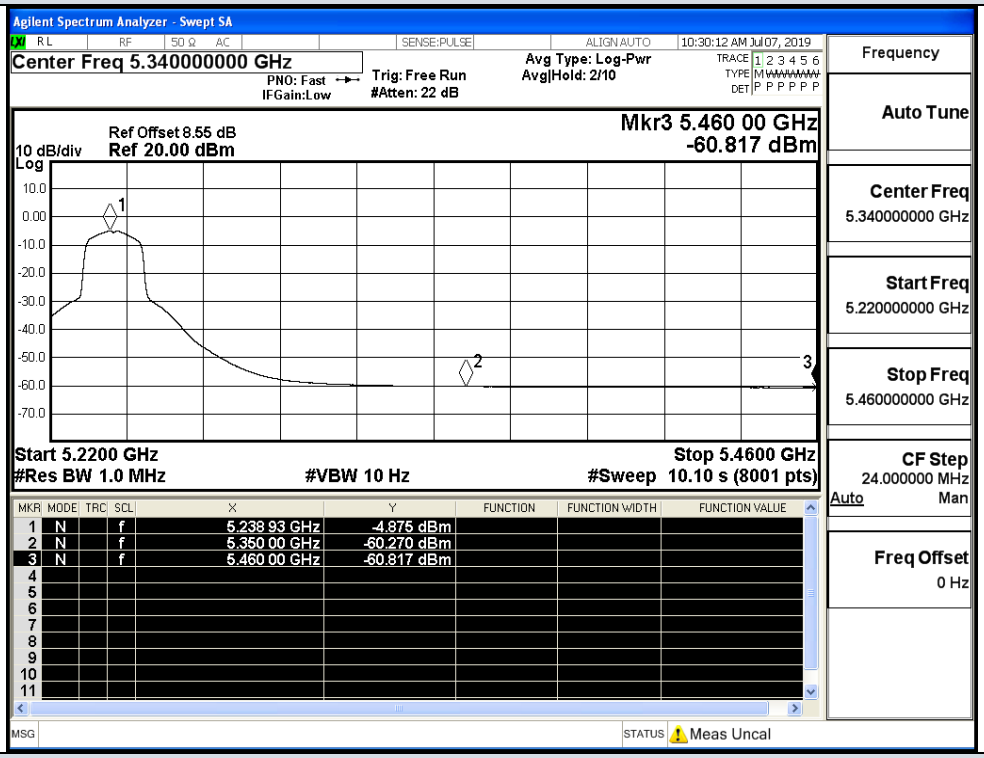
IEEE 802.11n HT20 / Channel 36 / 5180 MHz / Peak



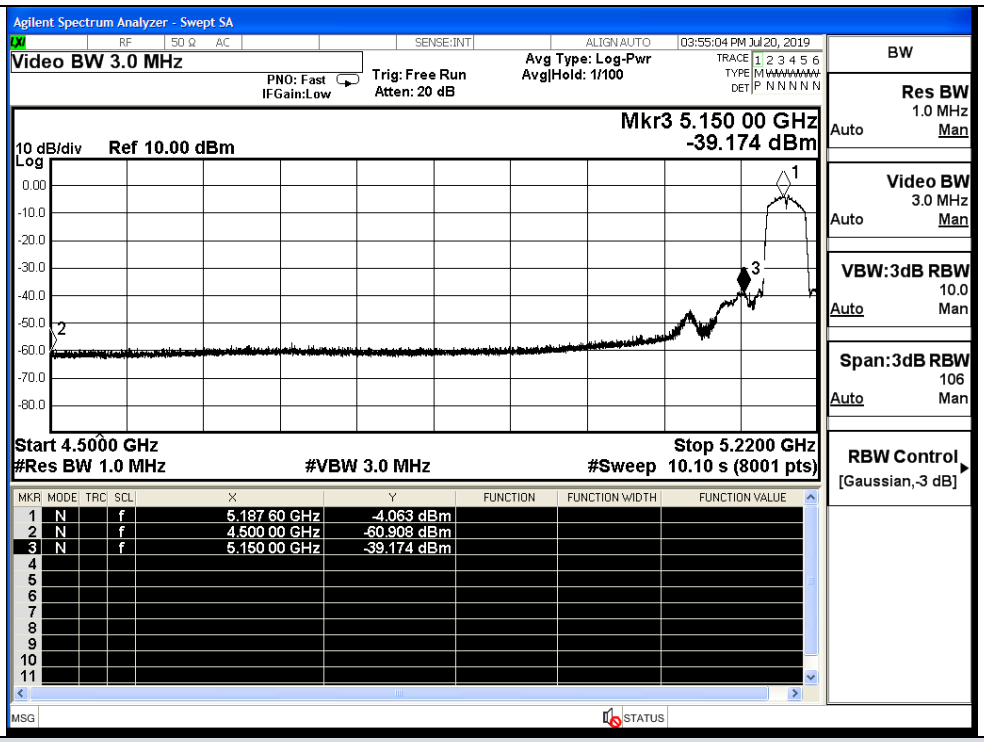
IEEE 802.11n HT20 / Channel 36 / 5180 MHz / Average



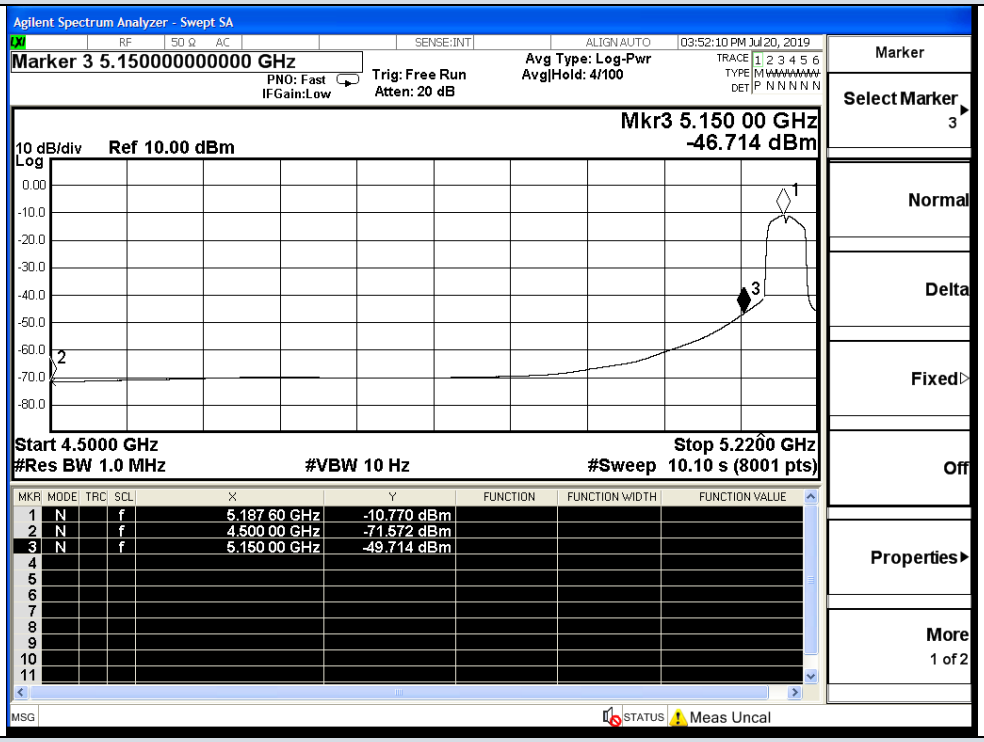
IEEE 802.11n HT20 / Channel 48 / 5240 MHz / Peak



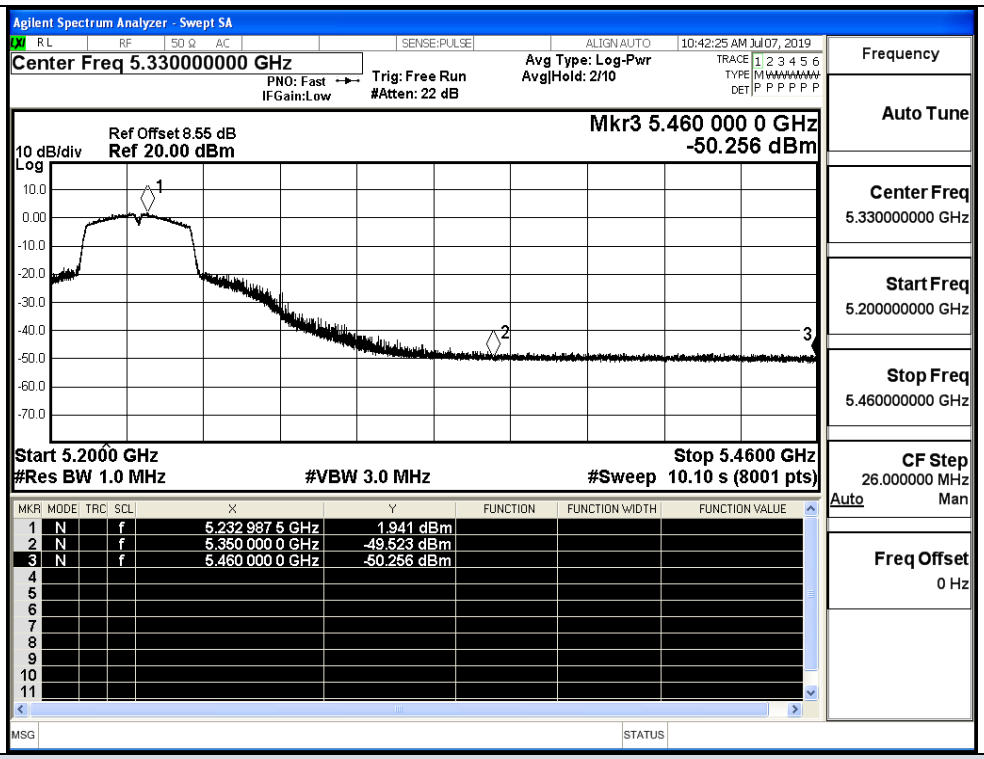
IEEE 802.11n HT20 / Channel 48 / 5240 MHz / Average



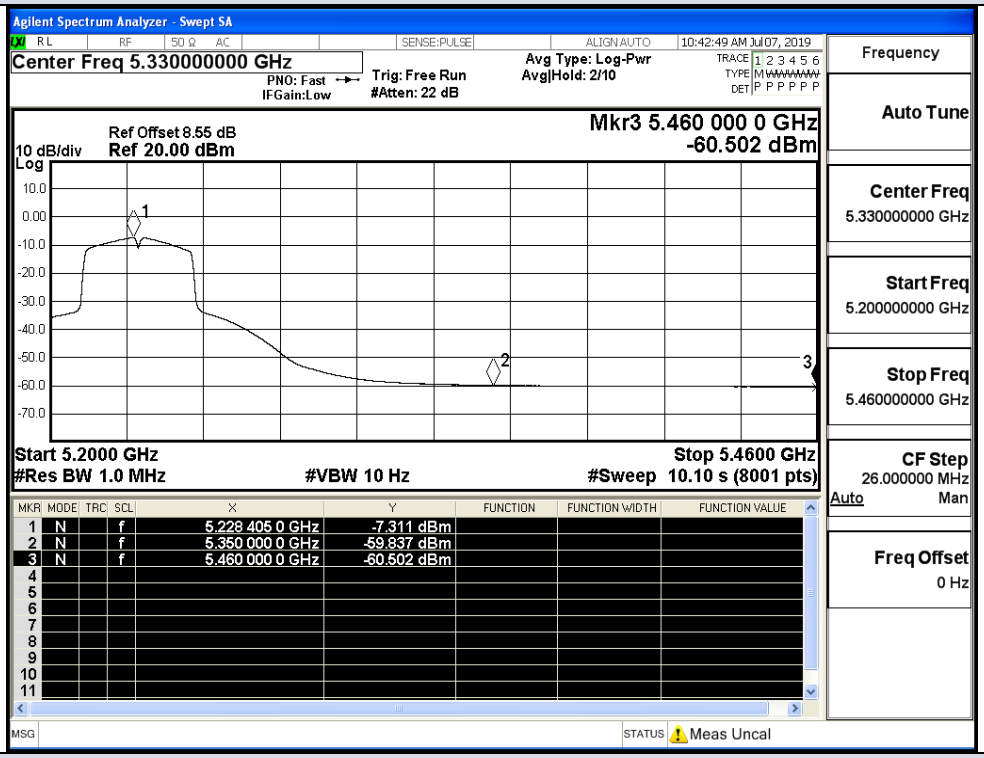
IEEE 802.11n HT40 / Channel 38 / 5190 MHz / Peak



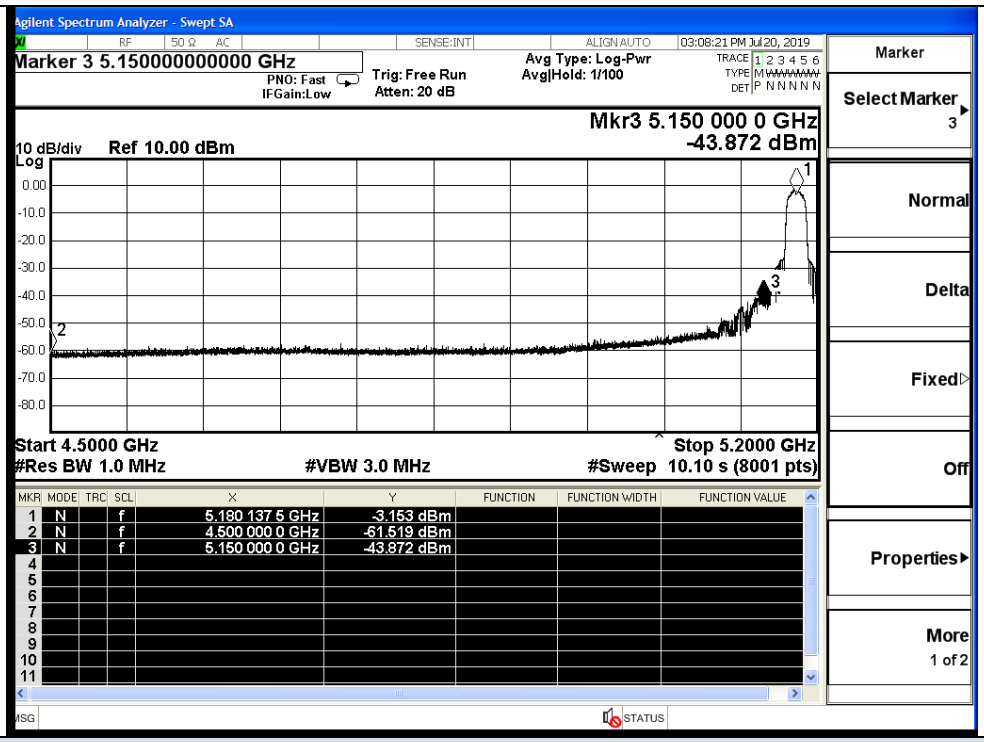
IEEE 802.11n HT40 / Channel 38 / 5190 MHz / Average



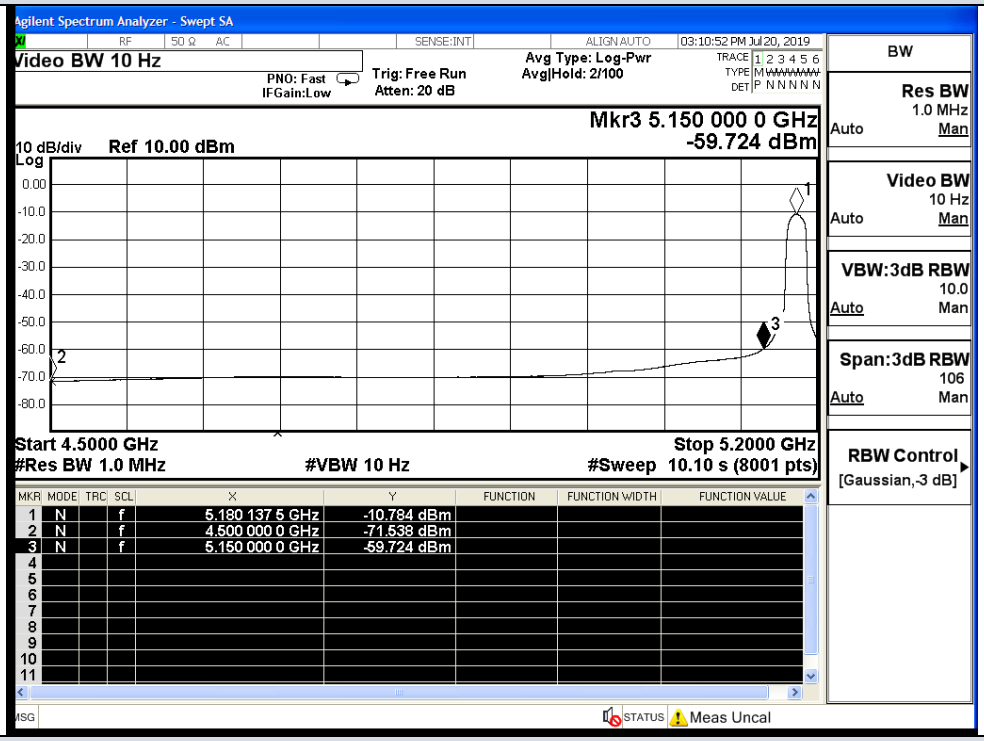
IEEE 802.11n HT40 / Channel 48 / 5230 MHz / Peak



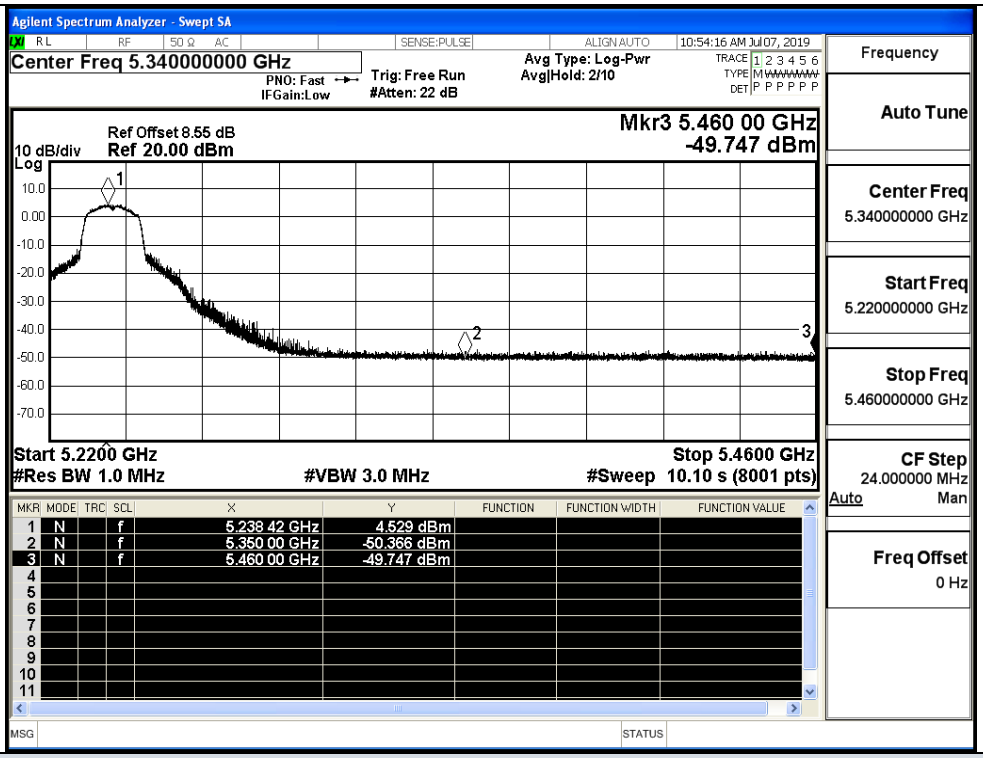
IEEE 802.11n HT40 / Channel 48 / 5230 MHz / Average



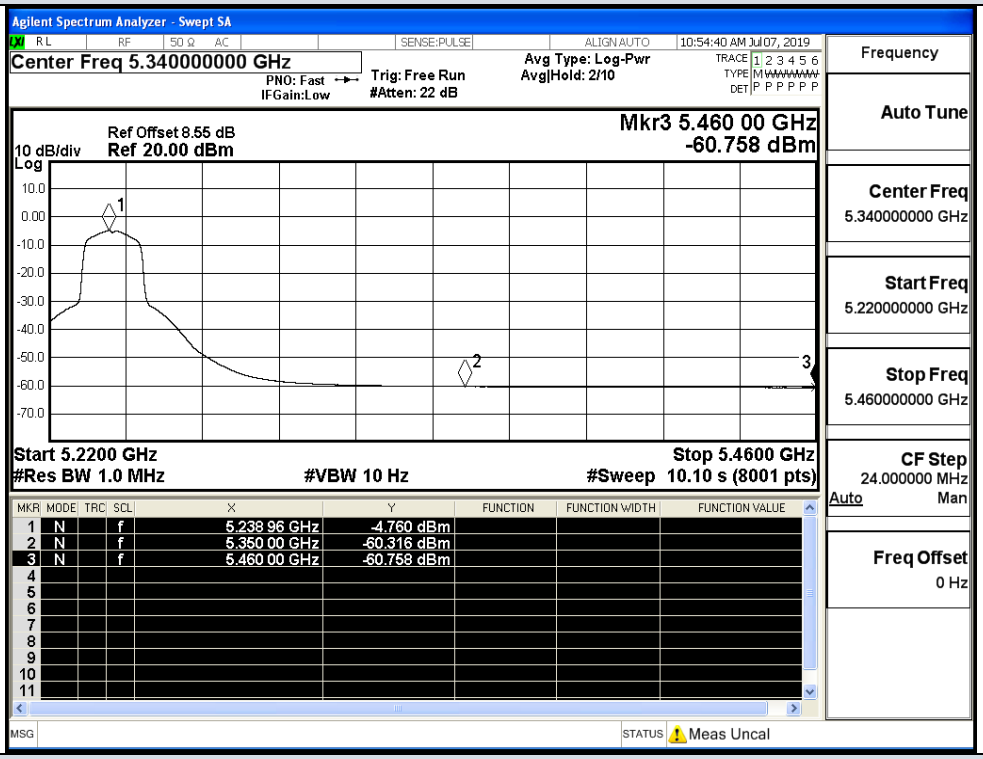
IEEE 802.11ac VHT20 / Channel 36 / 5180 MHz / Peak



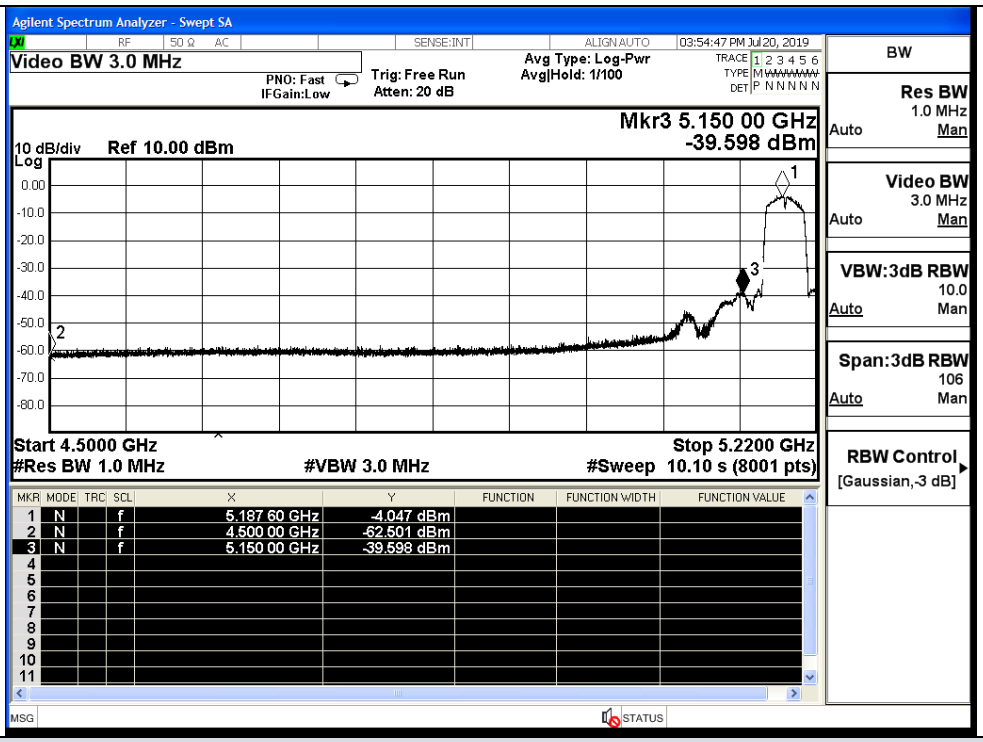
IEEE 802.11ac VHT20 / Channel 36 / 5180 MHz / Average



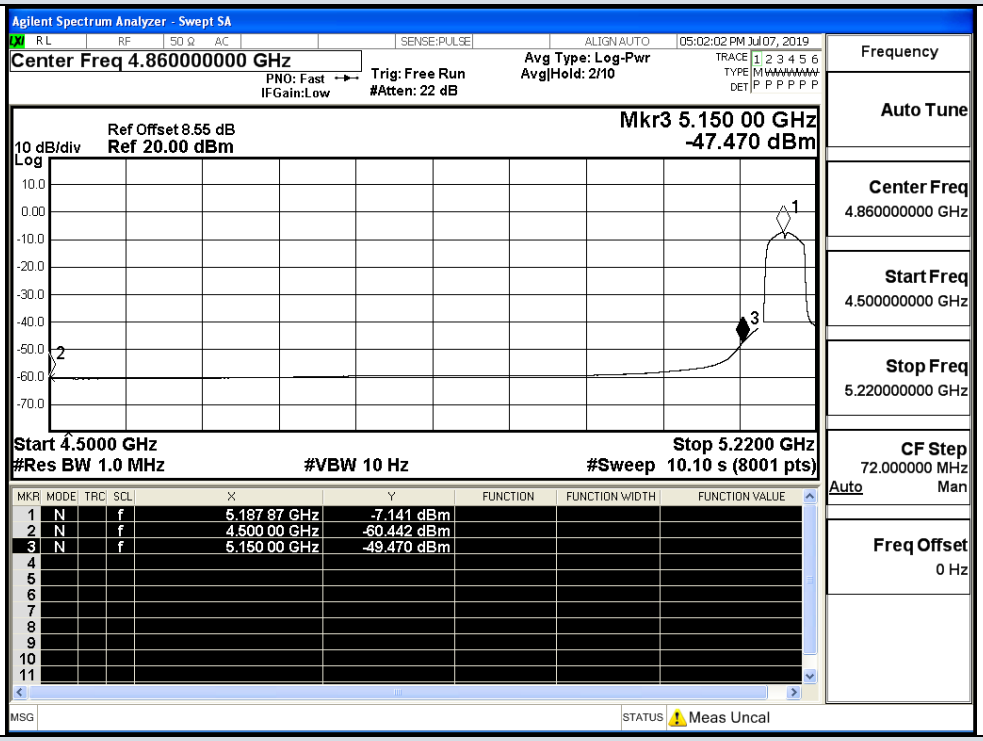
IEEE 802.11ac VHT20 / Channel 48 / 5240 MHz / Peak



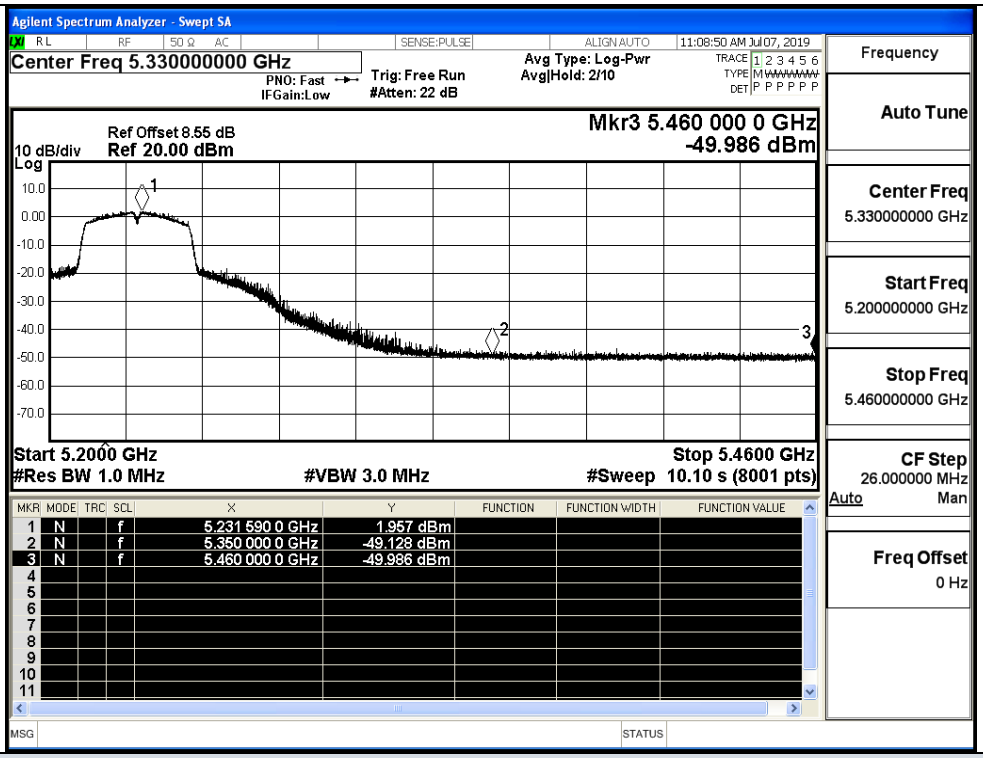
IEEE 802.11ac VHT20 / Channel 48 / 5240 MHz / Average



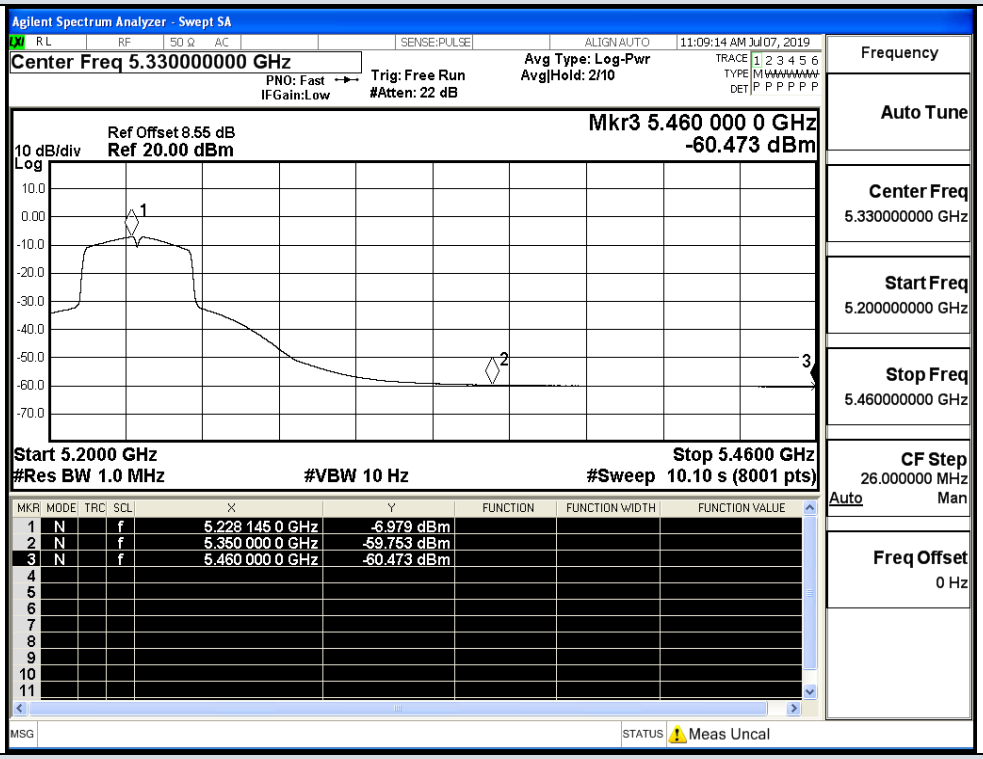
IEEE 802.11ac VHT40 / Channel 38 / 5190 MHz / Peak



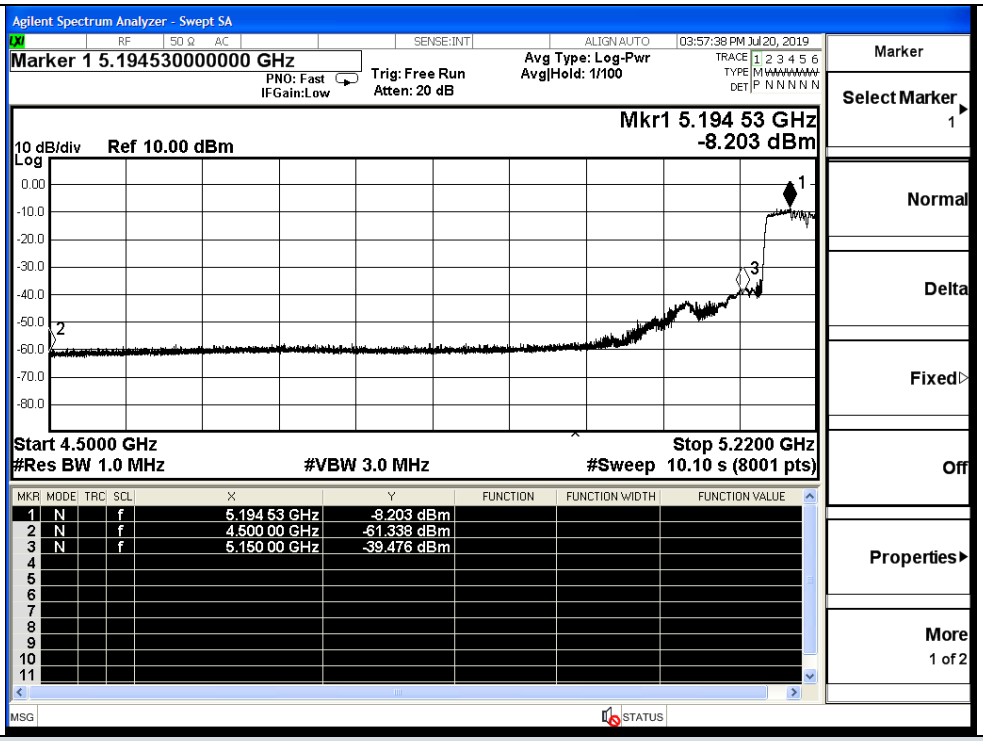
IEEE 802.11ac VHT40 / Channel 38 / 5190 MHz / Average



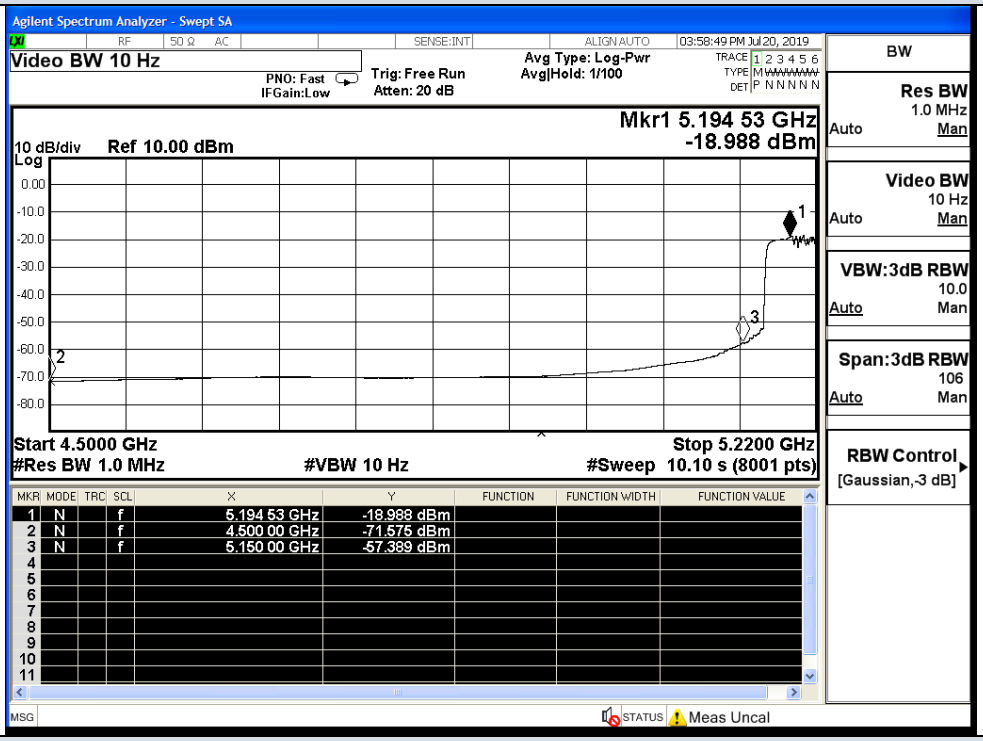
IEEE 802.11ac VHT40 / Channel 48 / 5230 MHz / Peak



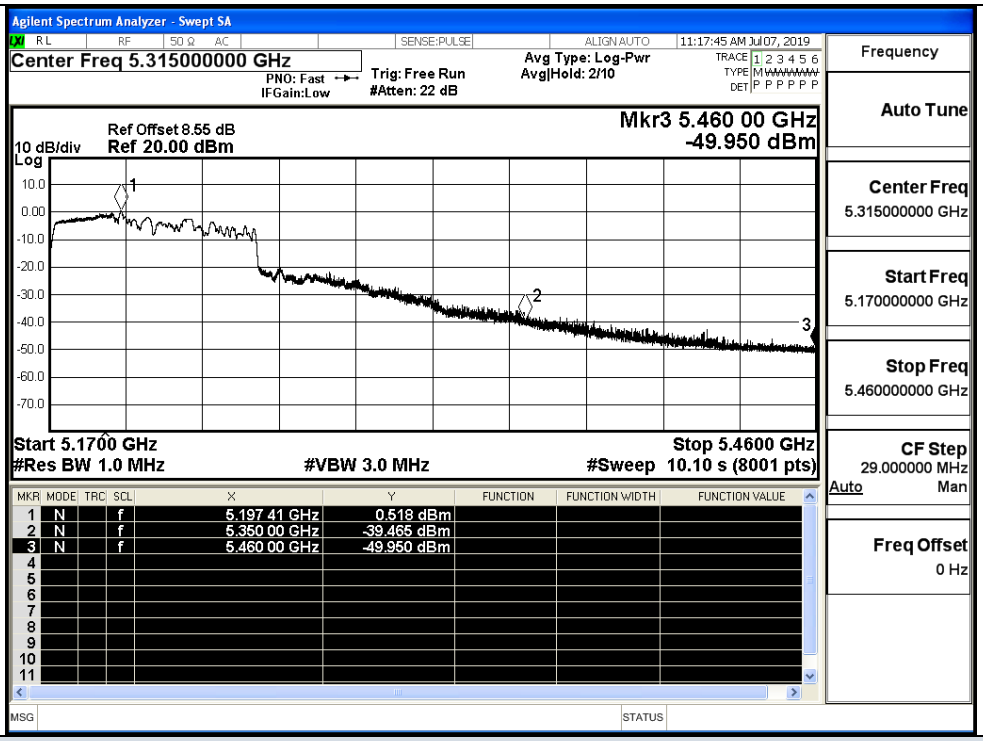
IEEE 802.11ac VHT40 / Channel 48 / 5230 MHz / Average



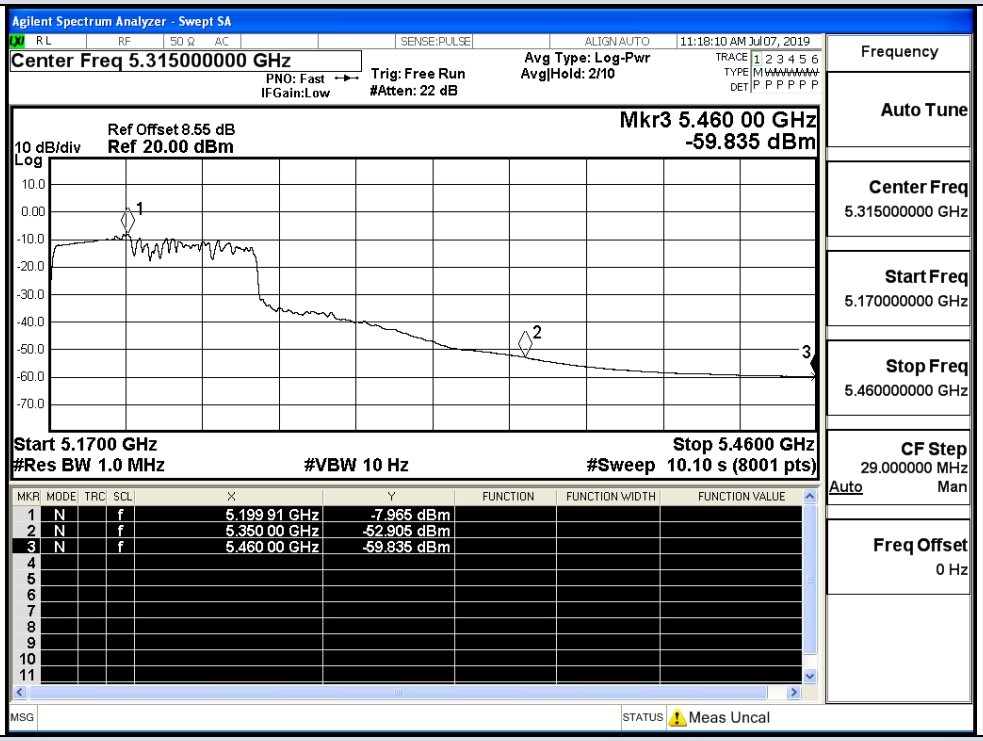
IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz / Peak



IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz / Average

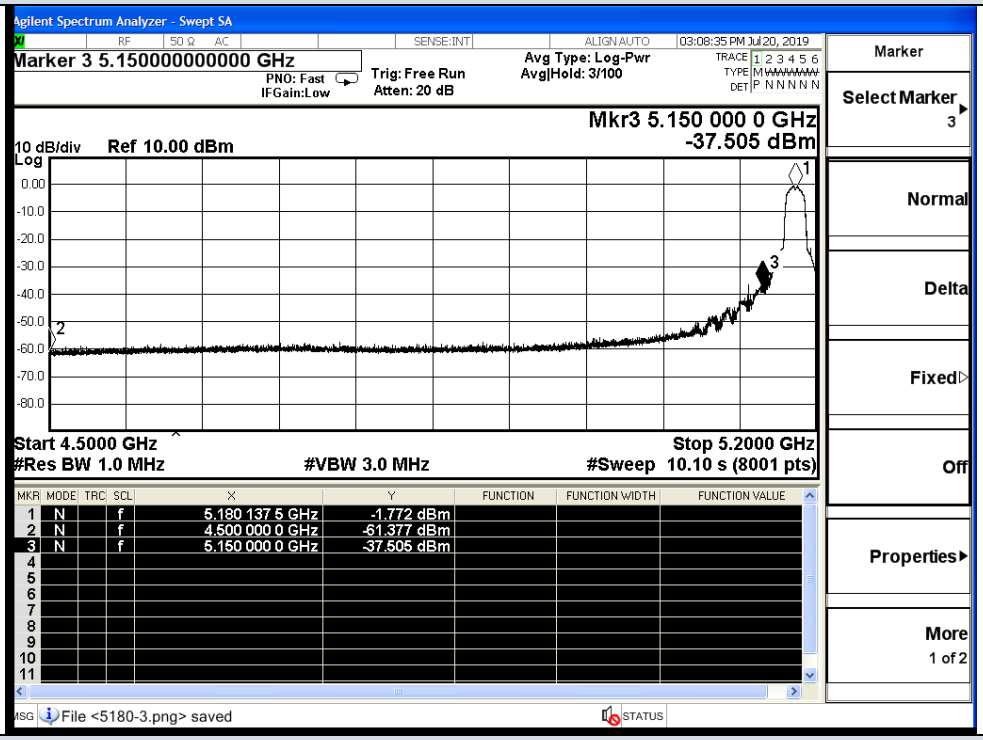


IEEE 802.11ac VHT80 / Channel 42/ 5210 MHz / Peak

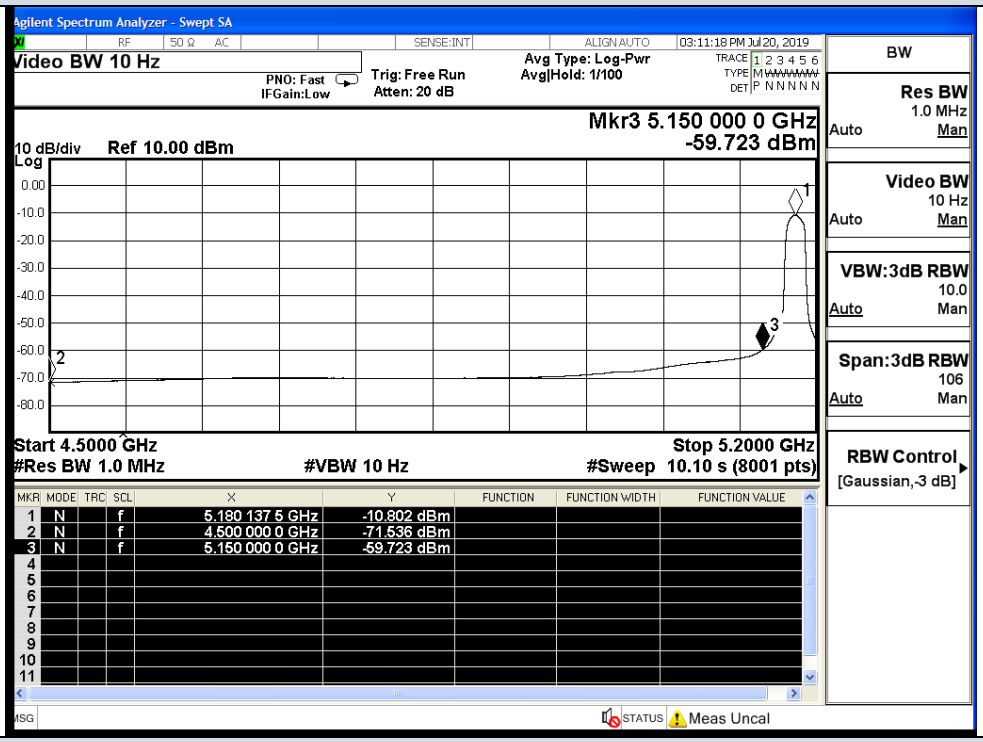


IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz / Average

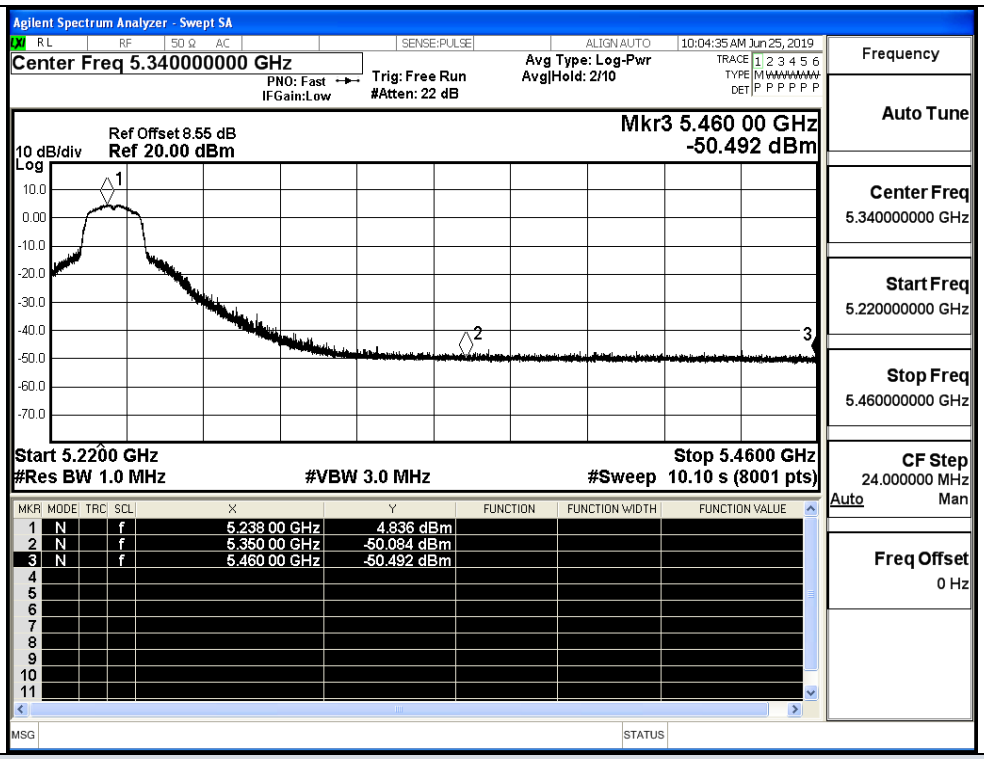
Undesirable Emissions Measurement Ant 1



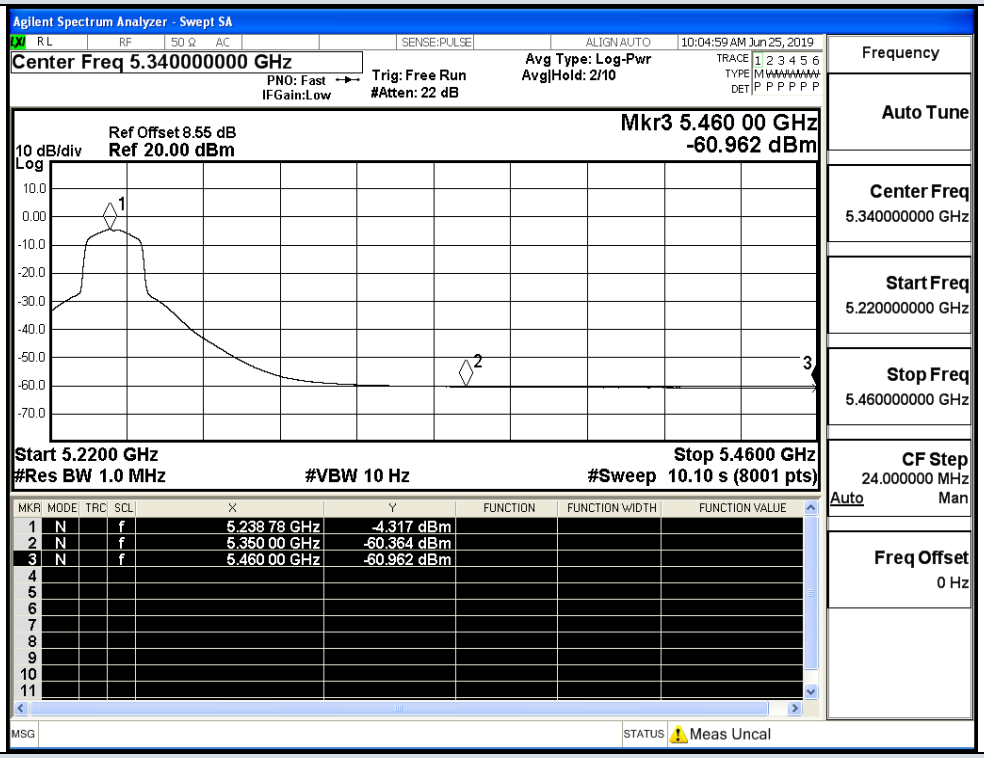
IEEE 802.11a / Channel 36 / 5180 MHz / Peak



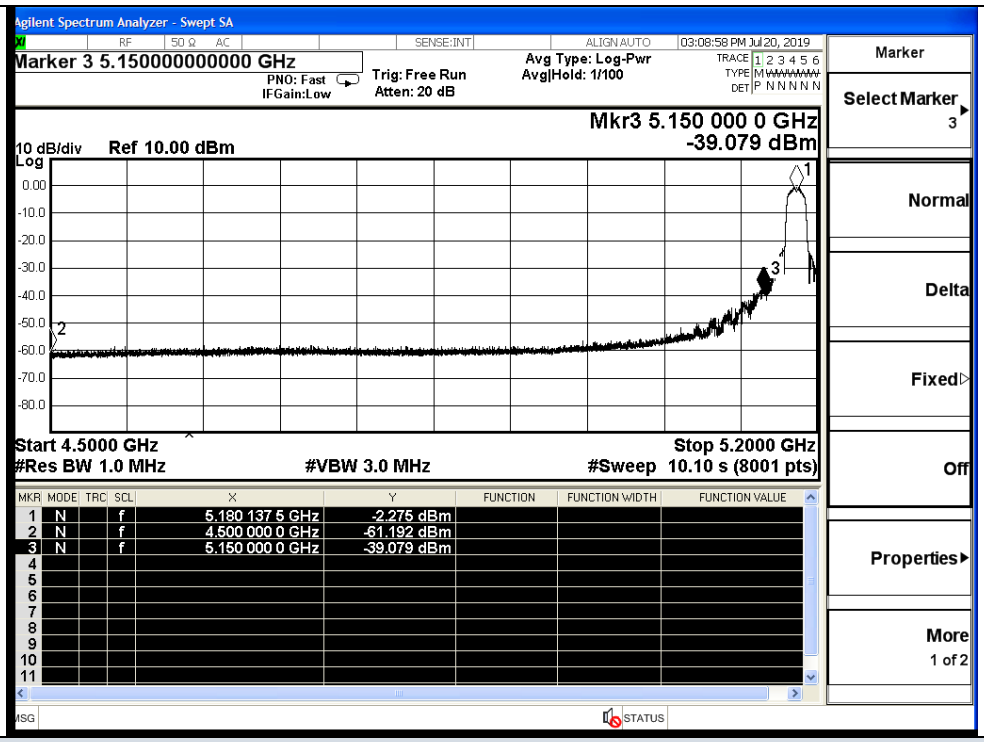
IEEE 802.11a / Channel 36 / 5180 MHz / Average



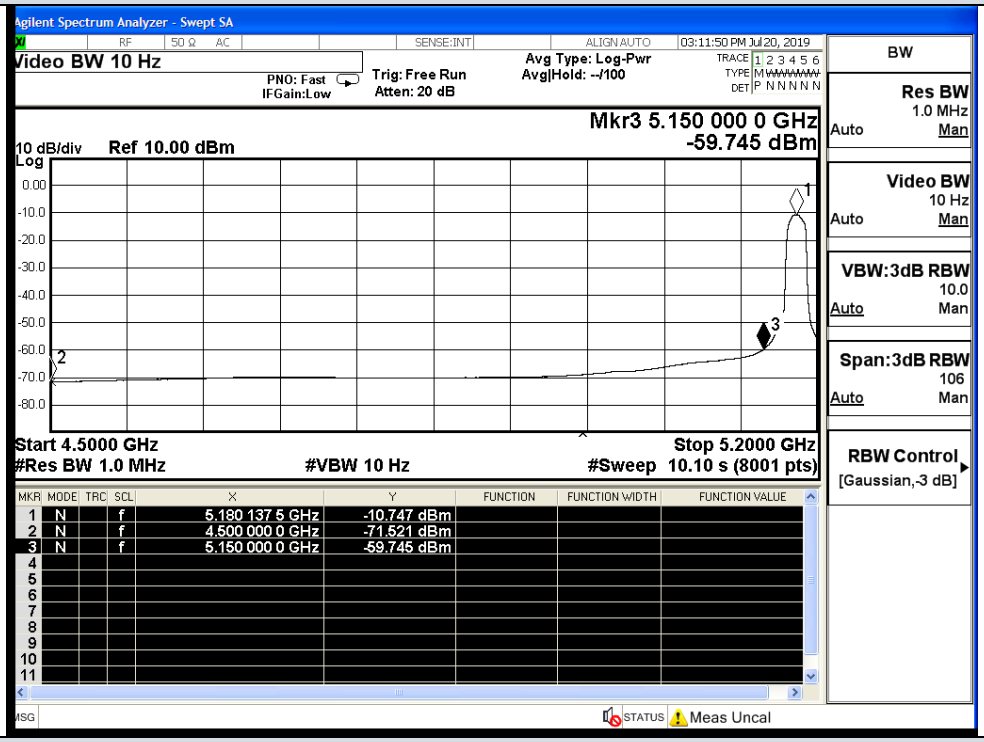
IEEE 802.11a / Channel 48 / 5240 MHz / Peak



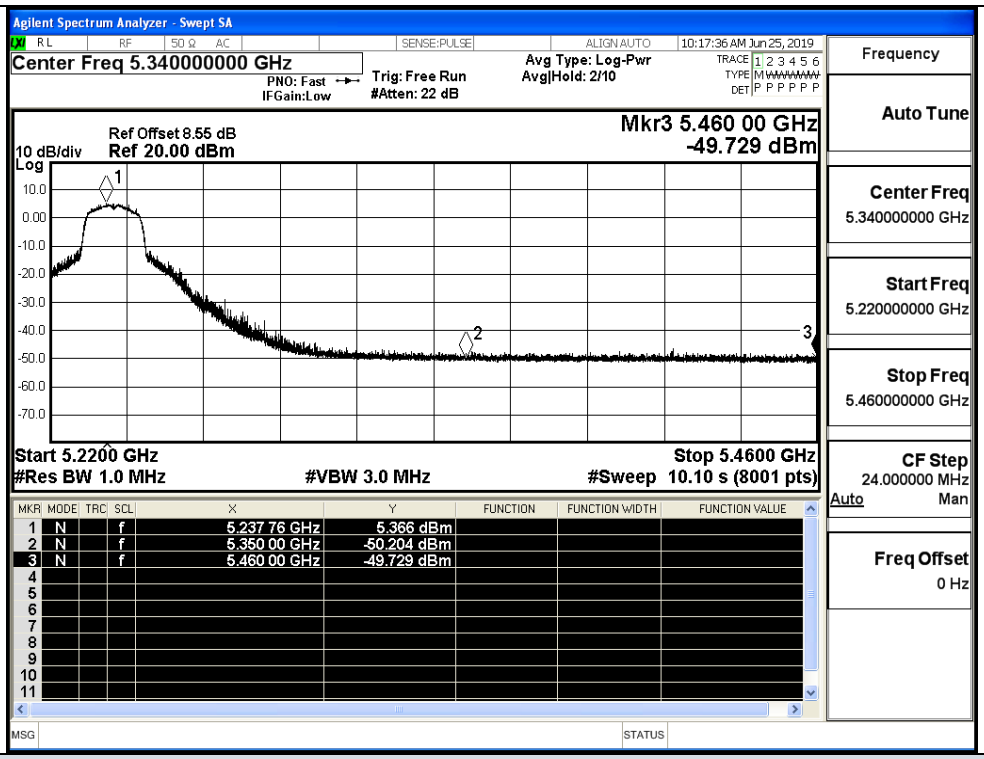
IEEE 802.11a / Channel 48 / 5240 MHz / Average



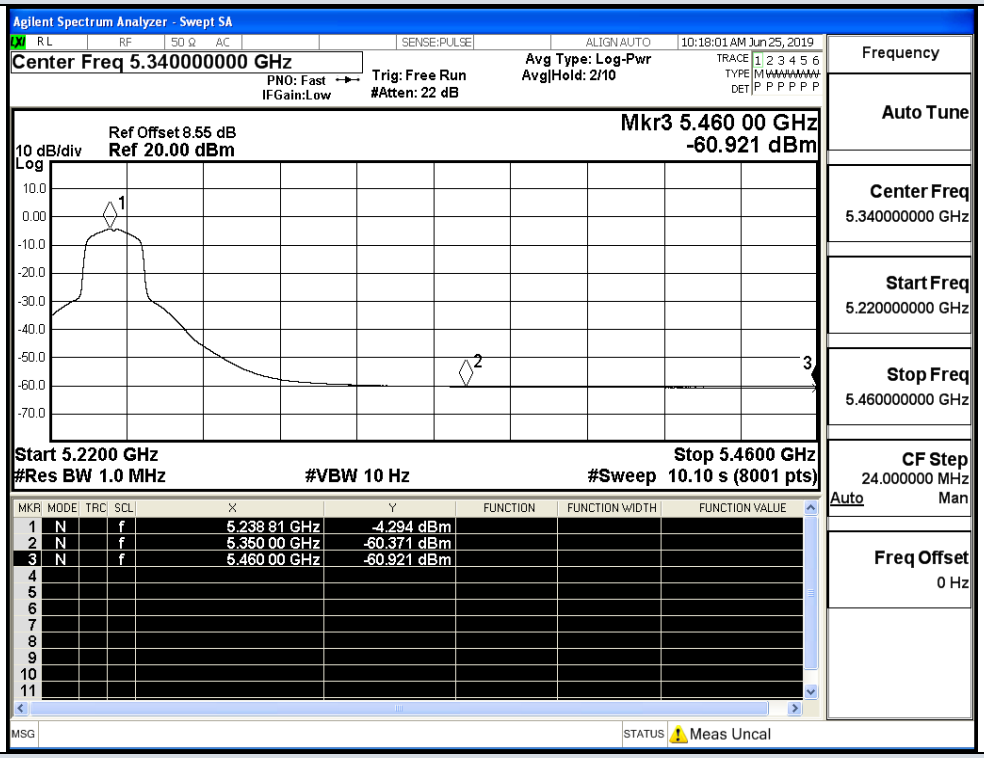
IEEE 802.11n HT20 / Channel 36 / 5180 MHz / Peak



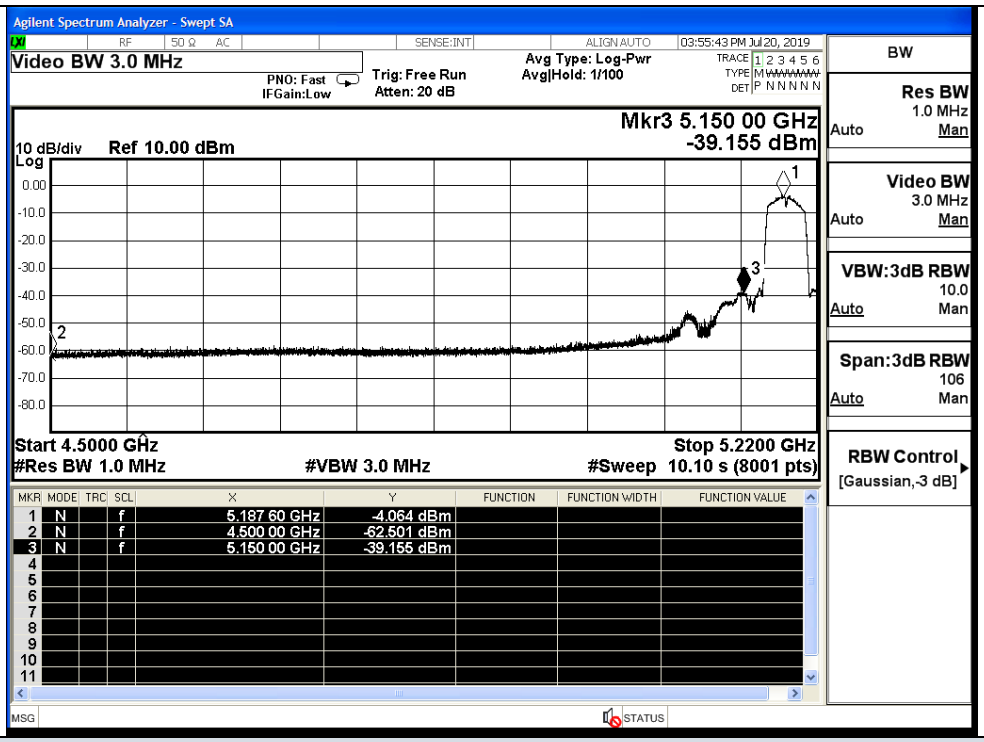
IEEE 802.11n HT20 / Channel 36 / 5180 MHz / Average



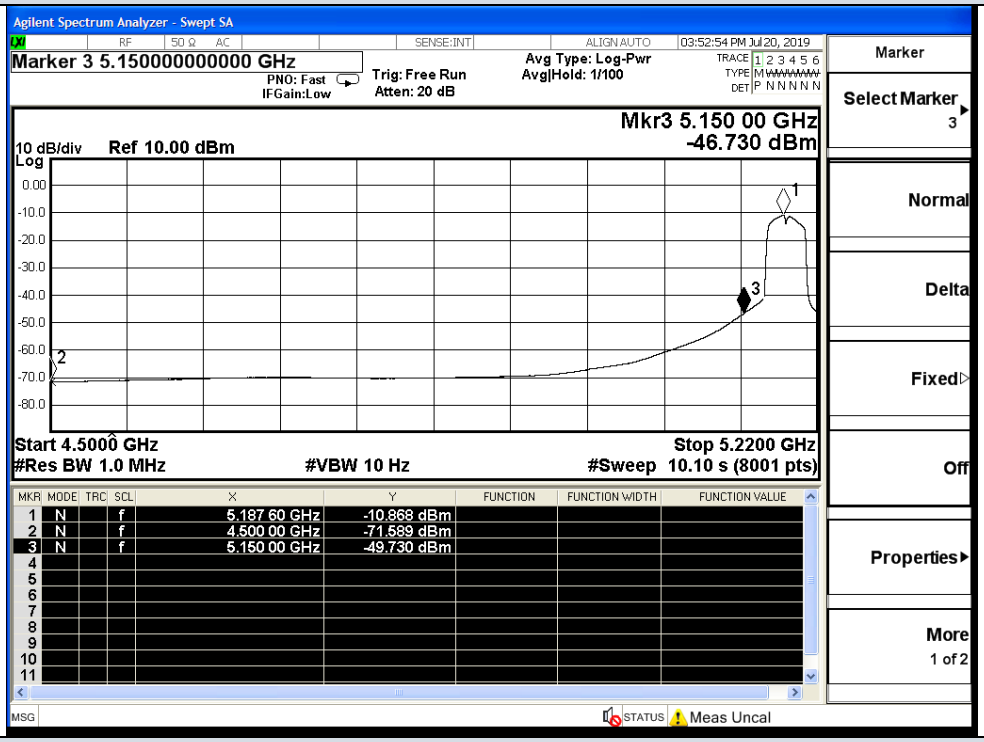
IEEE 802.11n HT20 / Channel 48 / 5240 MHz / Peak



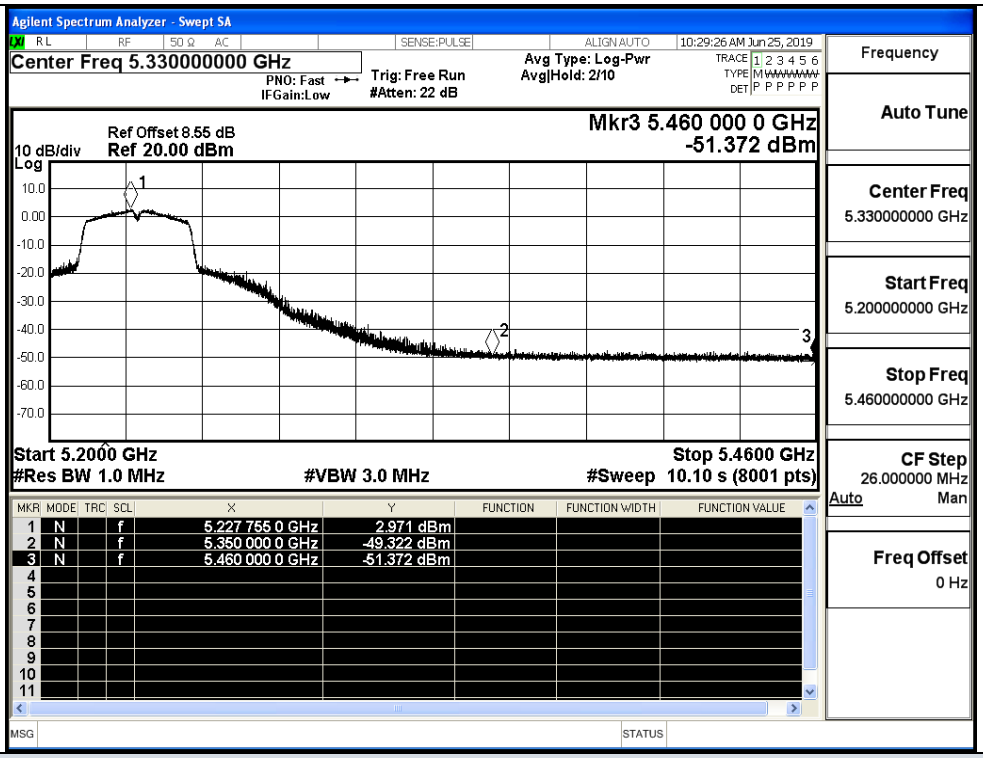
IEEE 802.11n HT20 / Channel 48 / 5240 MHz / Average



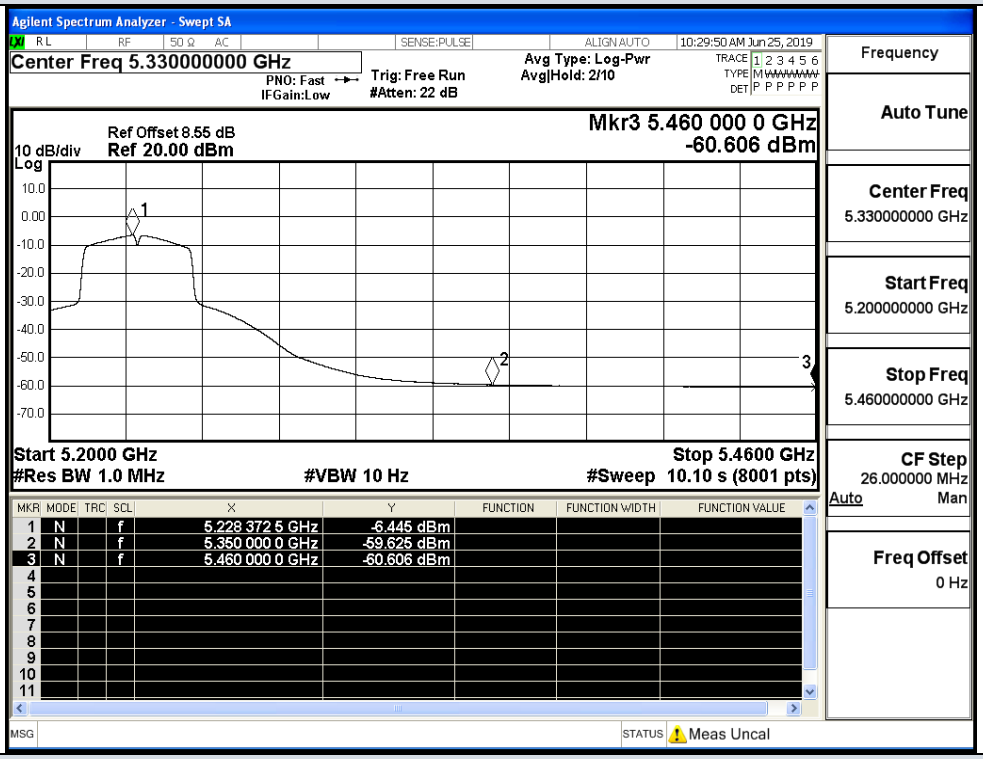
IEEE 802.11n HT40 / Channel 38 / 5190 MHz / Peak



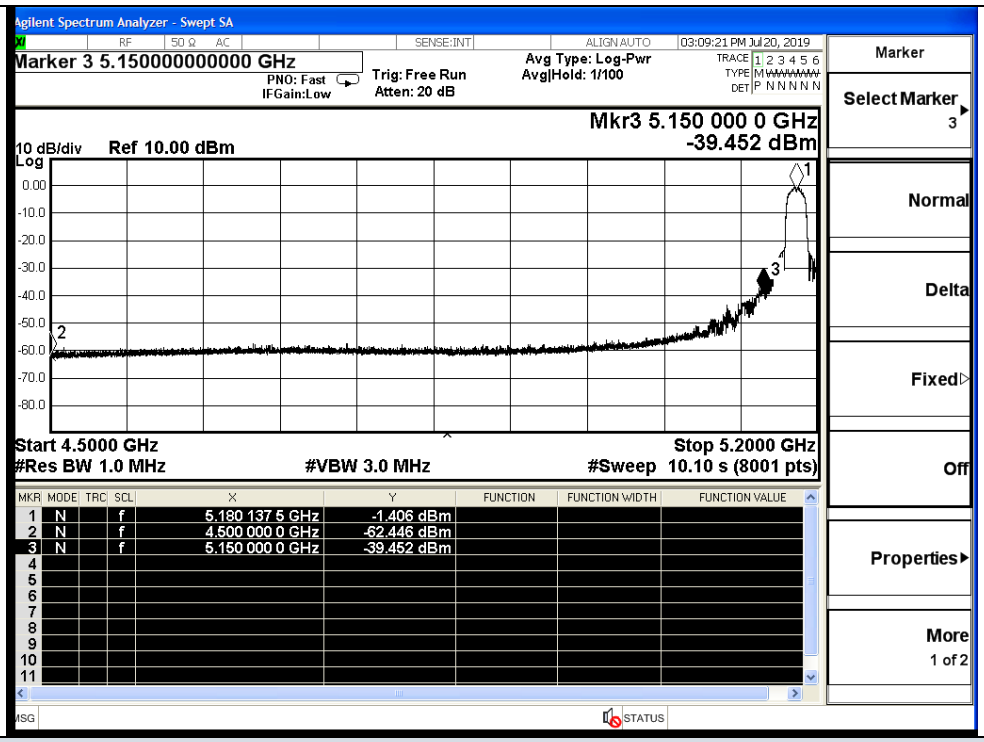
IEEE 802.11n HT40 / Channel 38 / 5190 MHz / Average



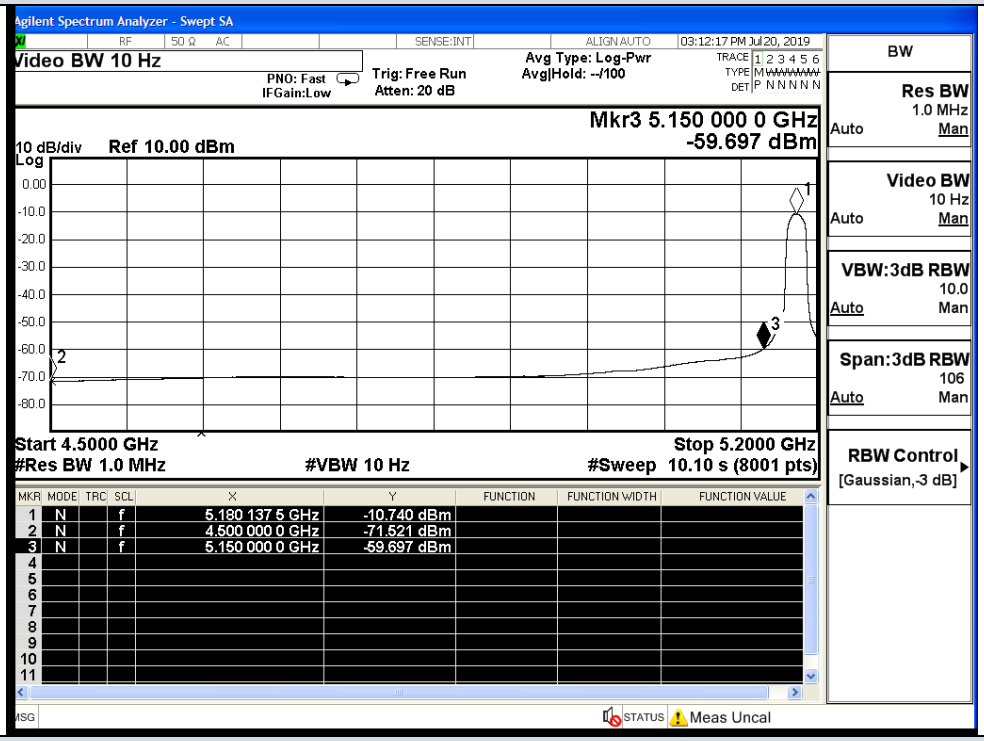
IEEE 802.11n HT40 / Channel 48 / 5230 MHz / Peak



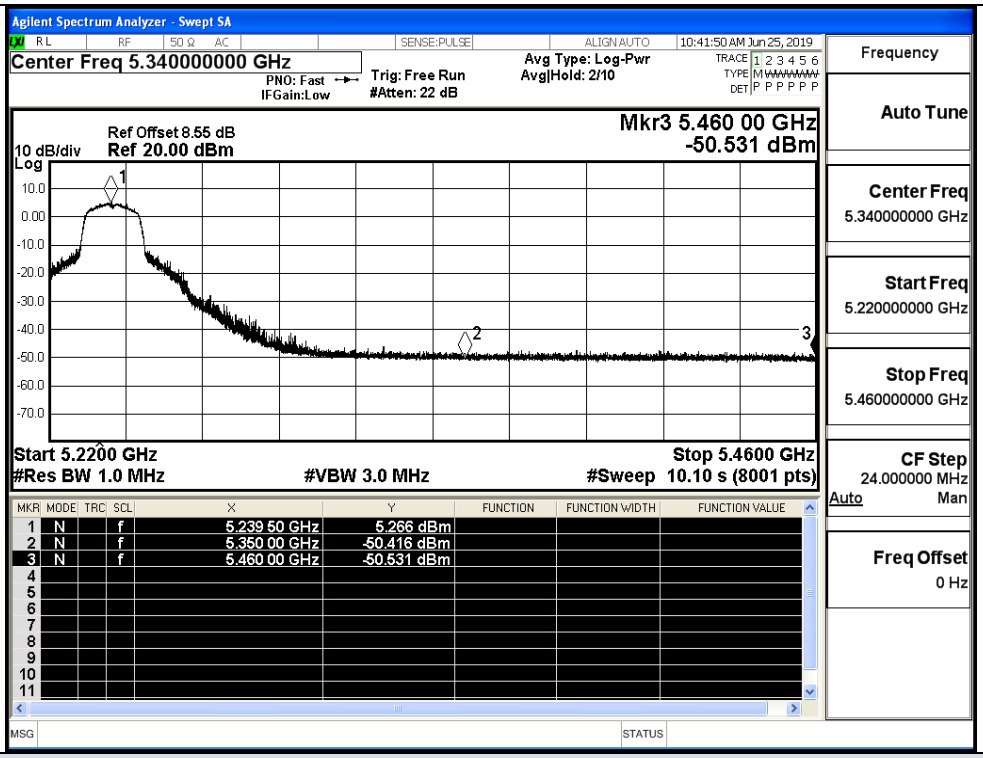
IEEE 802.11n HT40 / Channel 48 / 5230 MHz / Average



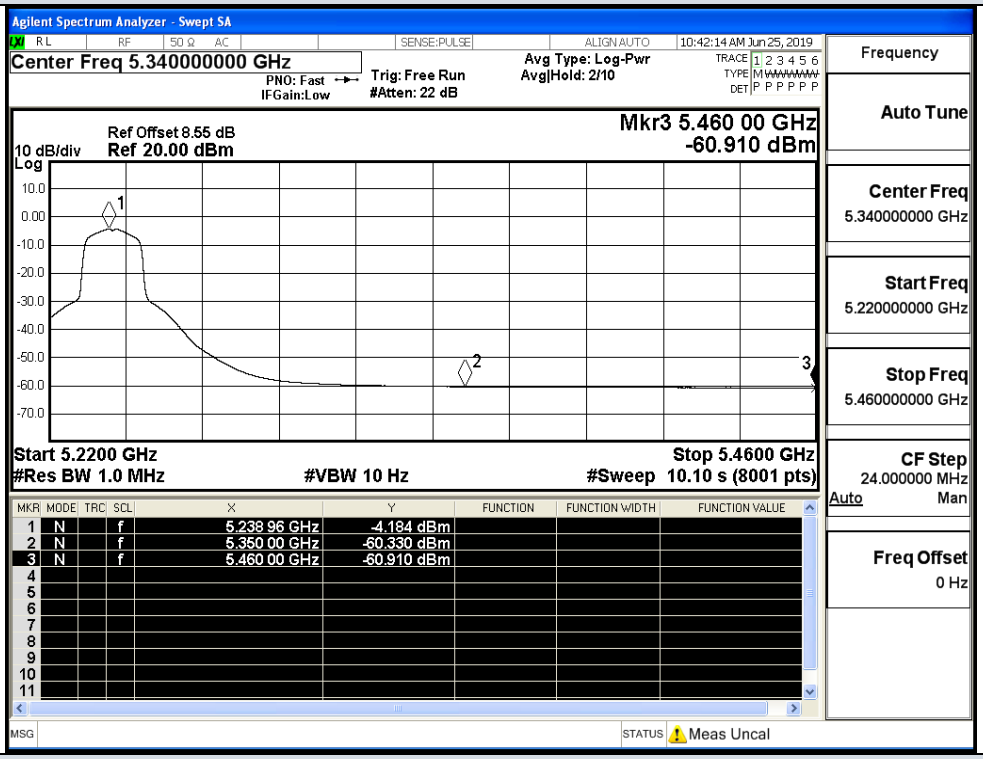
IEEE 802.11ac VHT20 / Channel 36 / 5180 MHz / Peak



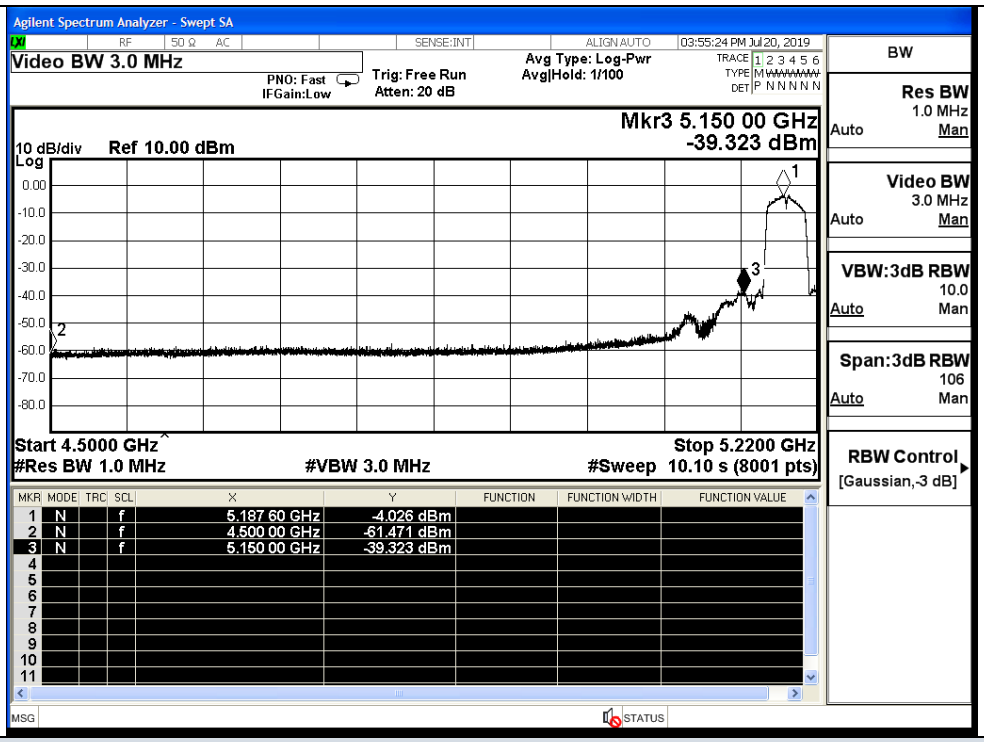
IEEE 802.11ac VHT20 / Channel 36 / 5180 MHz / Average



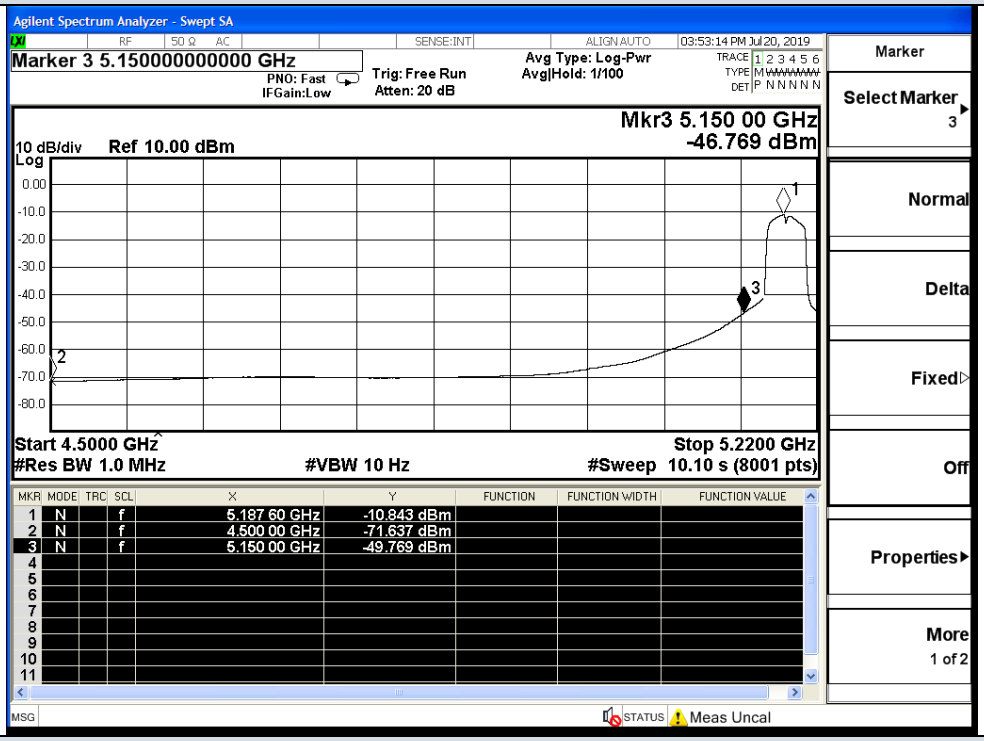
IEEE 802.11ac VHT20 / Channel 48 / 5240 MHz / Peak



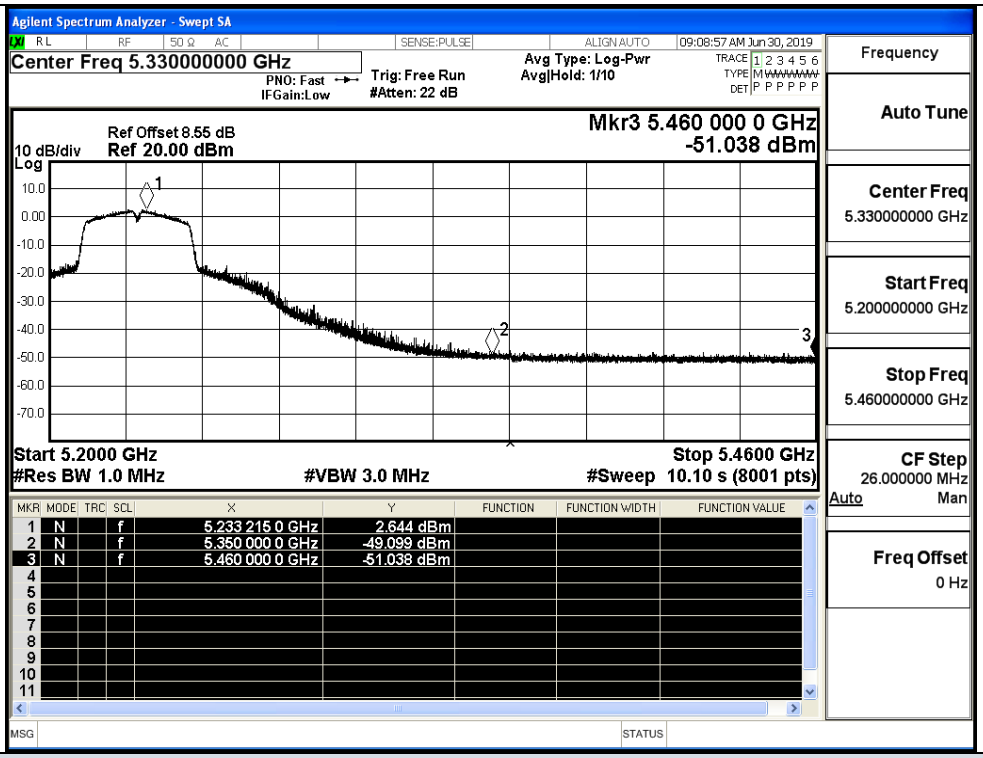
IEEE 802.11ac VHT20 / Channel 48 / 5240 MHz / Average



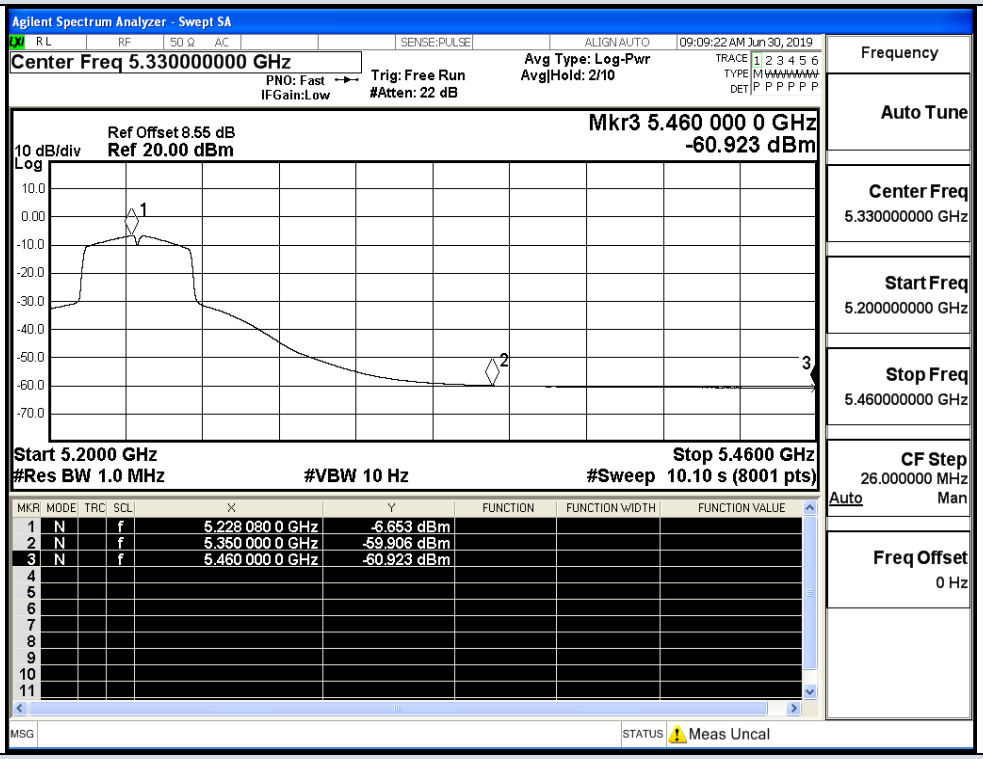
IEEE 802.11ac VHT40 / Channel 38 / 5190 MHz / Peak



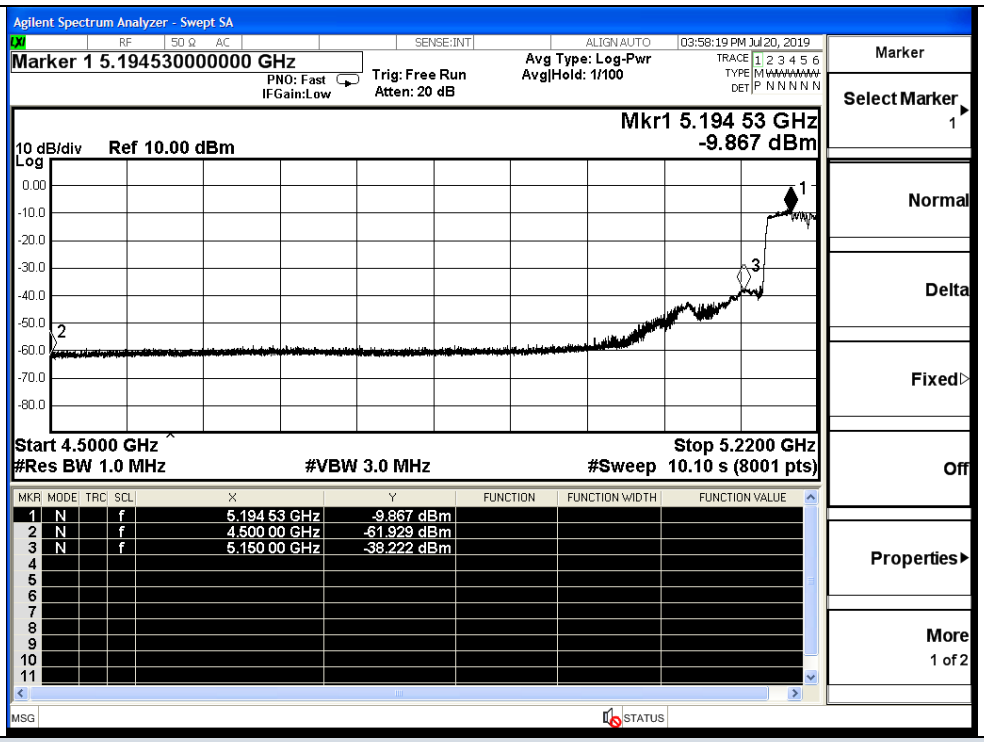
IEEE 802.11ac VHT40 / Channel 38 / 5190 MHz / Average



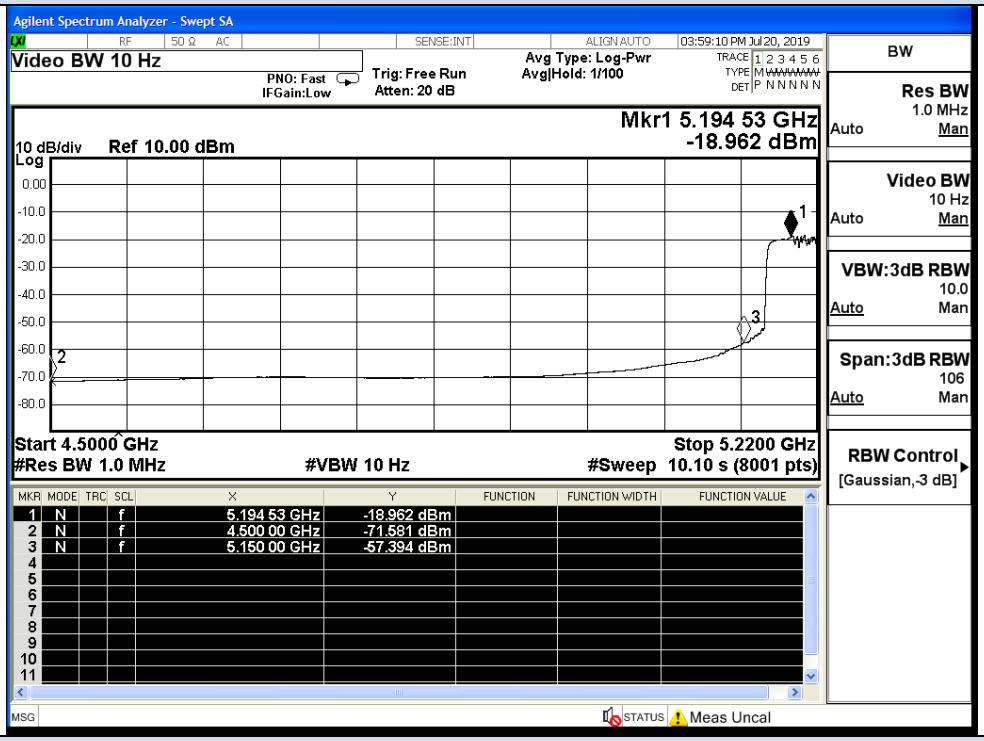
IEEE 802.11ac VHT40 / Channel 48 / 5230 MHz / Peak



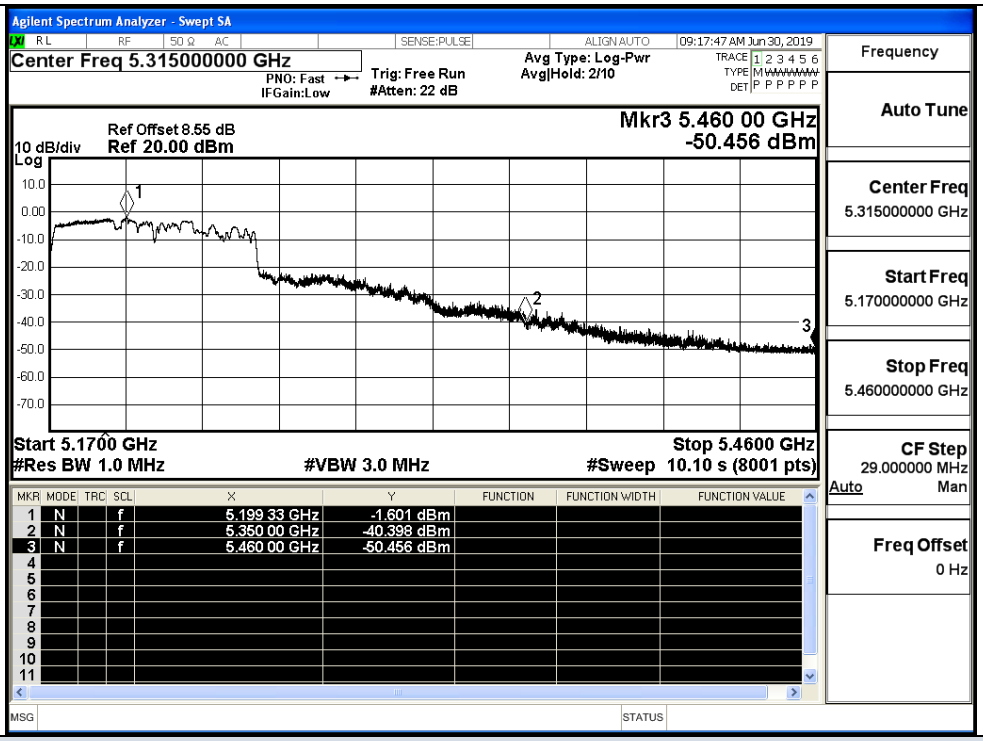
IEEE 802.11ac VHT40 / Channel 48 / 5230 MHz / Average



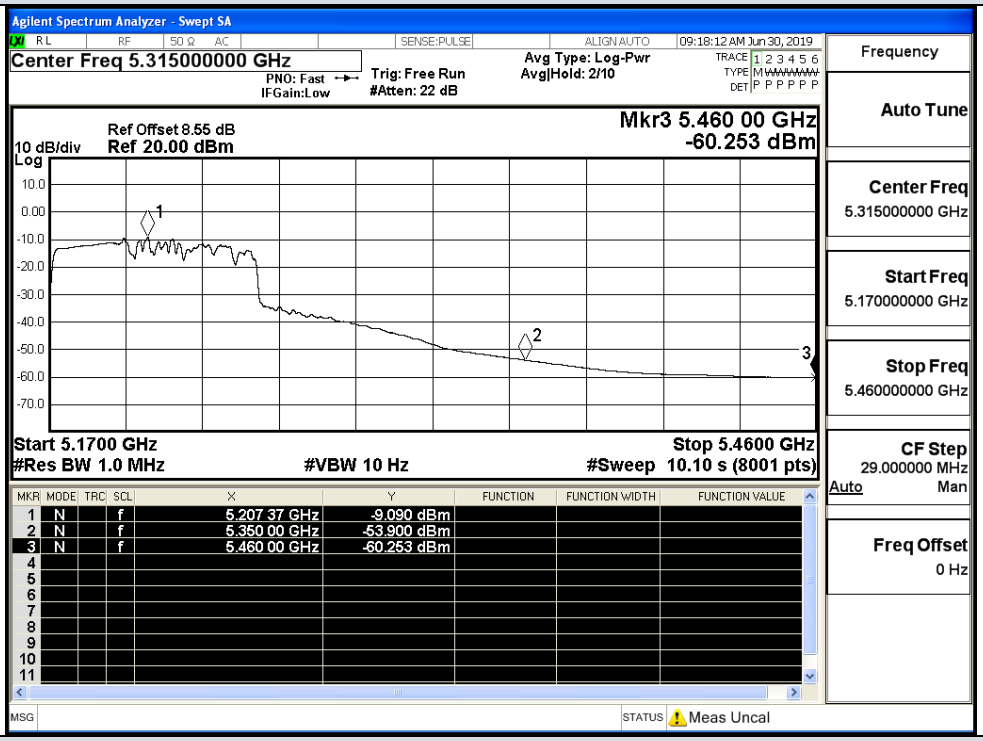
IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz / Peak



IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz / Average



IEEE 802.11ac VHT80 / Channel 42/ 5210 MHz / Peak



IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz / Average