

## Appendix C

### RF Test Data for 5.2G WLAN (Conducted Measurement)

**Product Name:** AIO PC

**Trade Mark:** Fusion5

**Test Model:** A7

#### Environmental Conditions

Temperature:	22.6 ° C
Relative Humidity:	53.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Tom Liu
Supervised by:	Jayden Zhuo

#### C.1 Duty Cycle

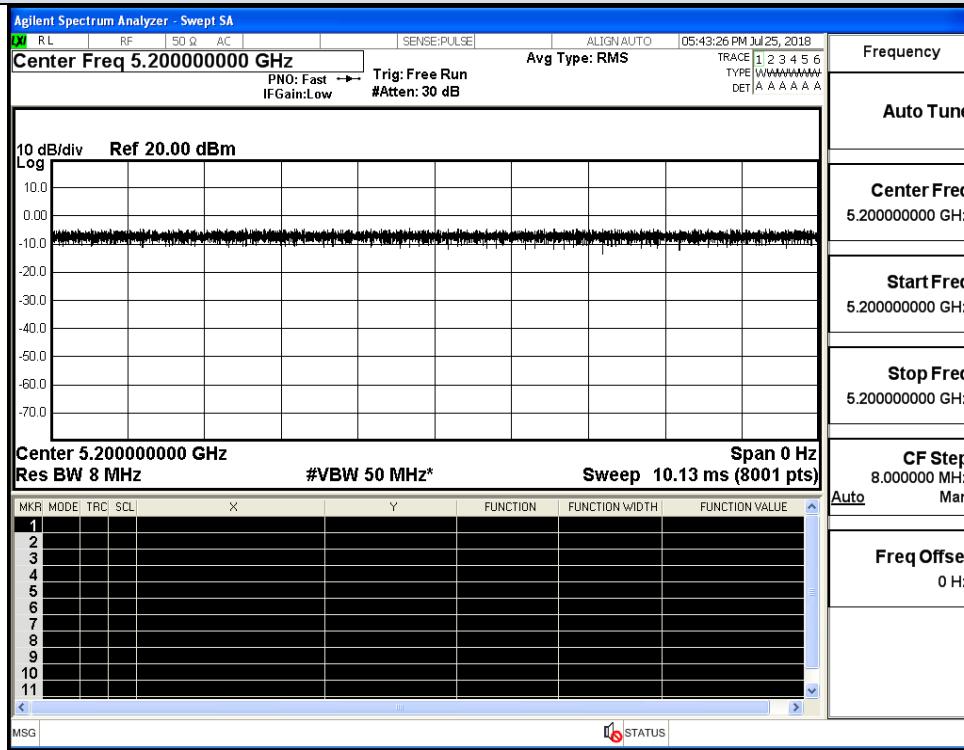
##### Antenna 0

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	5200	100	0.00	0.01
11N40	5190	100	0.00	0.01
11AC20	5200	100	0.00	0.01
11AC40	5190	100	0.00	0.01
11AC80	5210	100	0.00	0.01

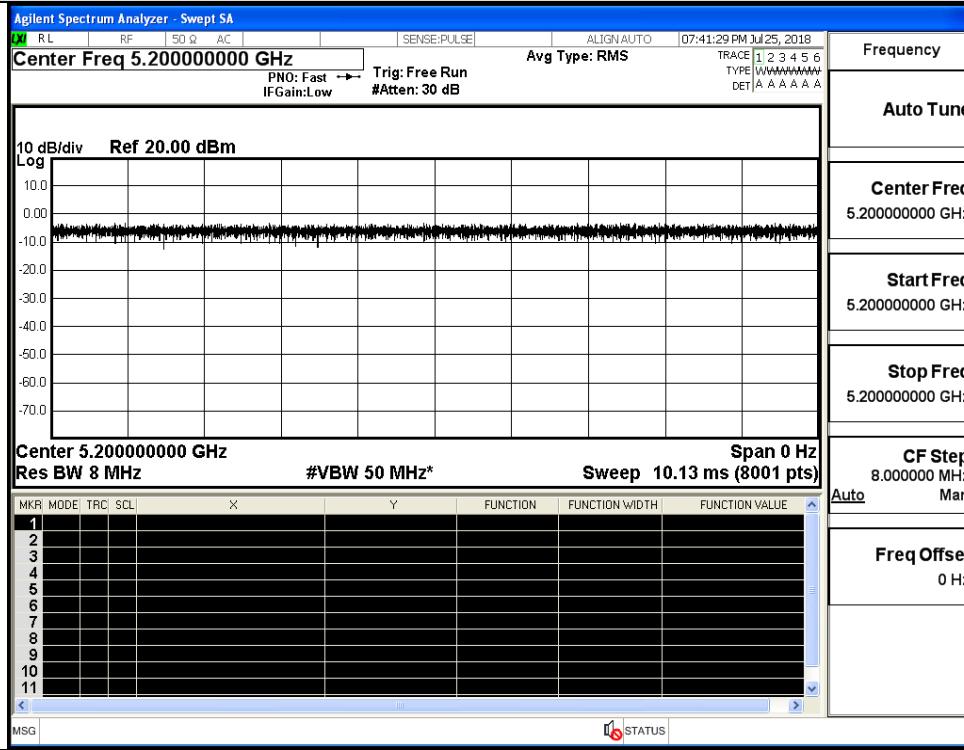
##### Antenna 1

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	5200	100	0.00	0.01
11N40	5190	100	0.00	0.01
11AC20	5200	100	0.00	0.01
11AC40	5190	100	0.00	0.01
11AC80	5210	100	0.00	0.01

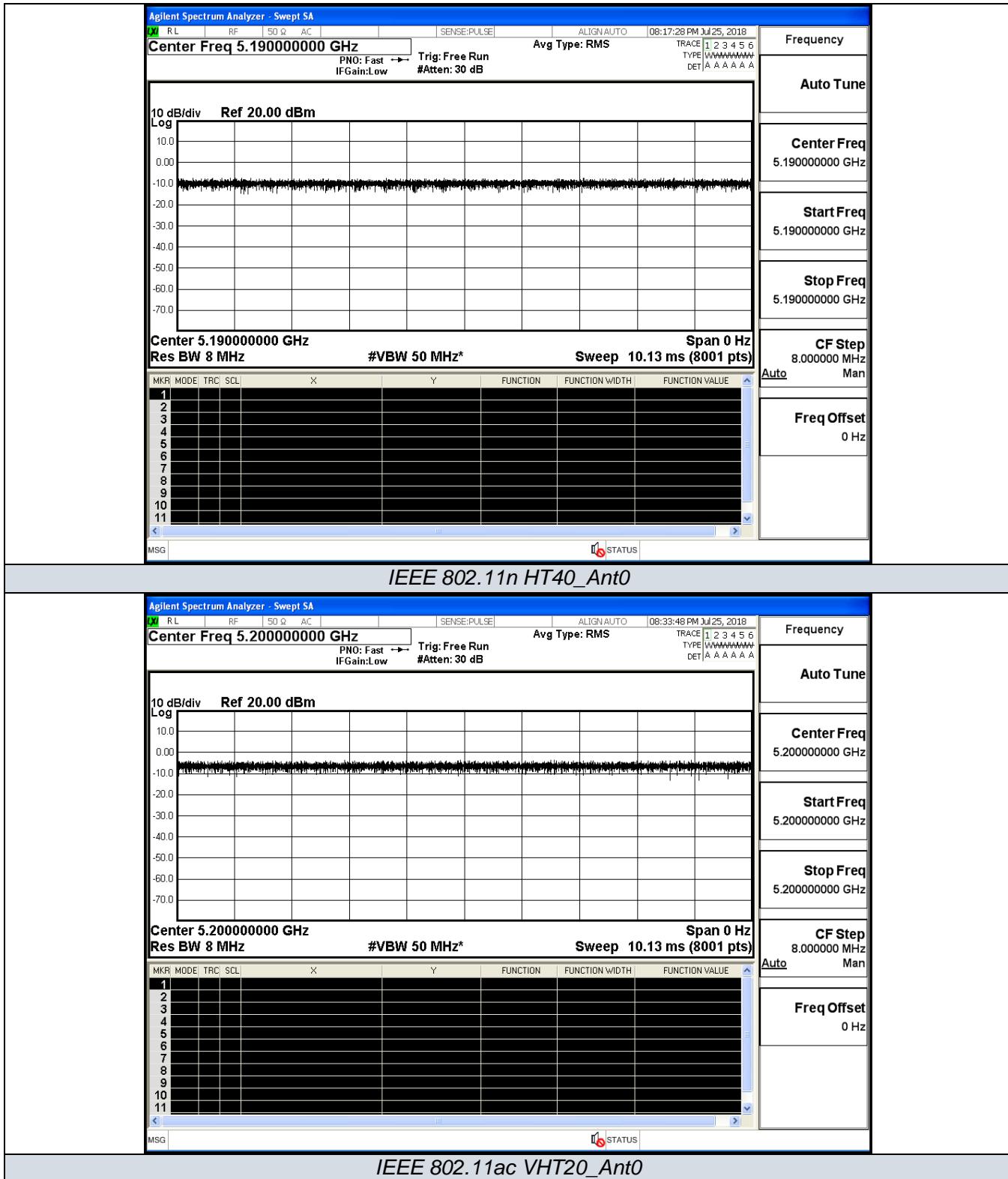
## On Time and Duty Cycle\_Ant0

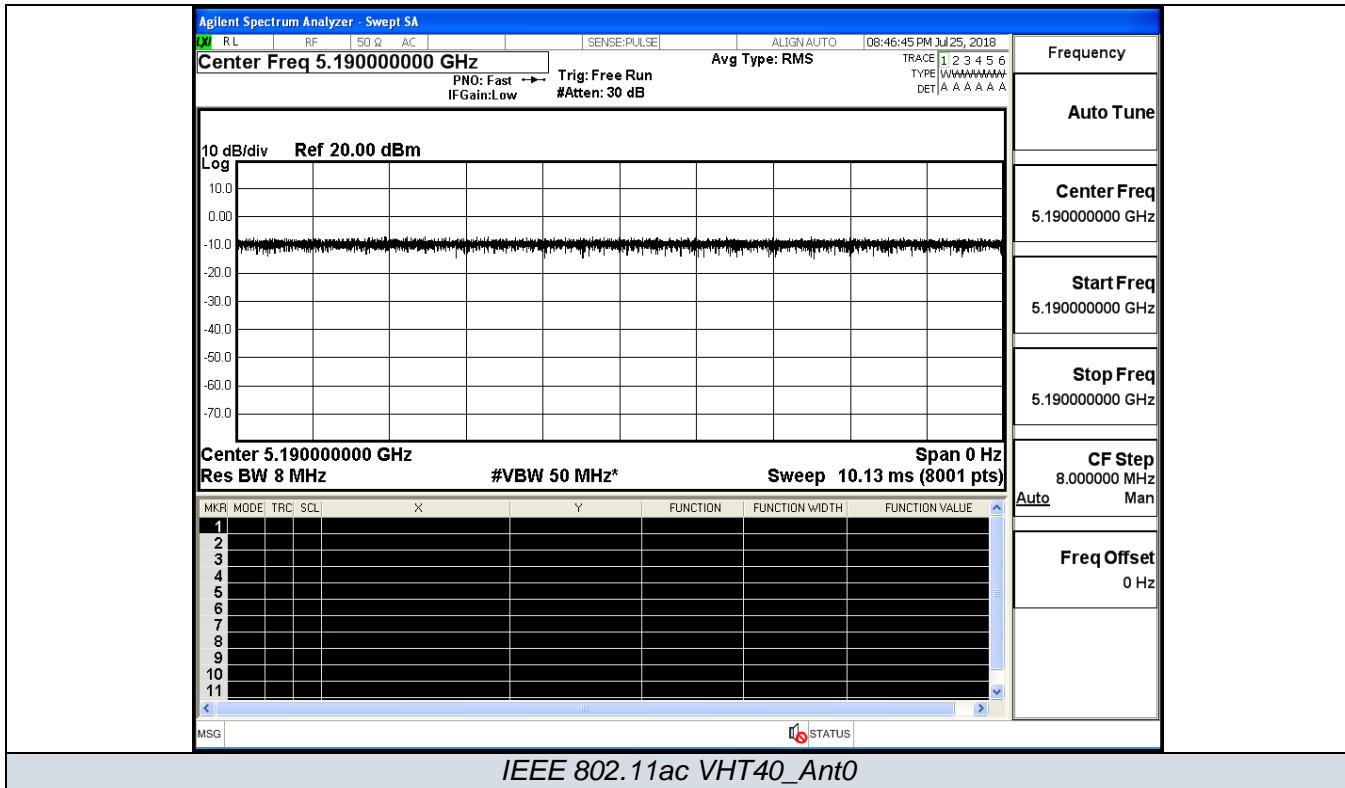
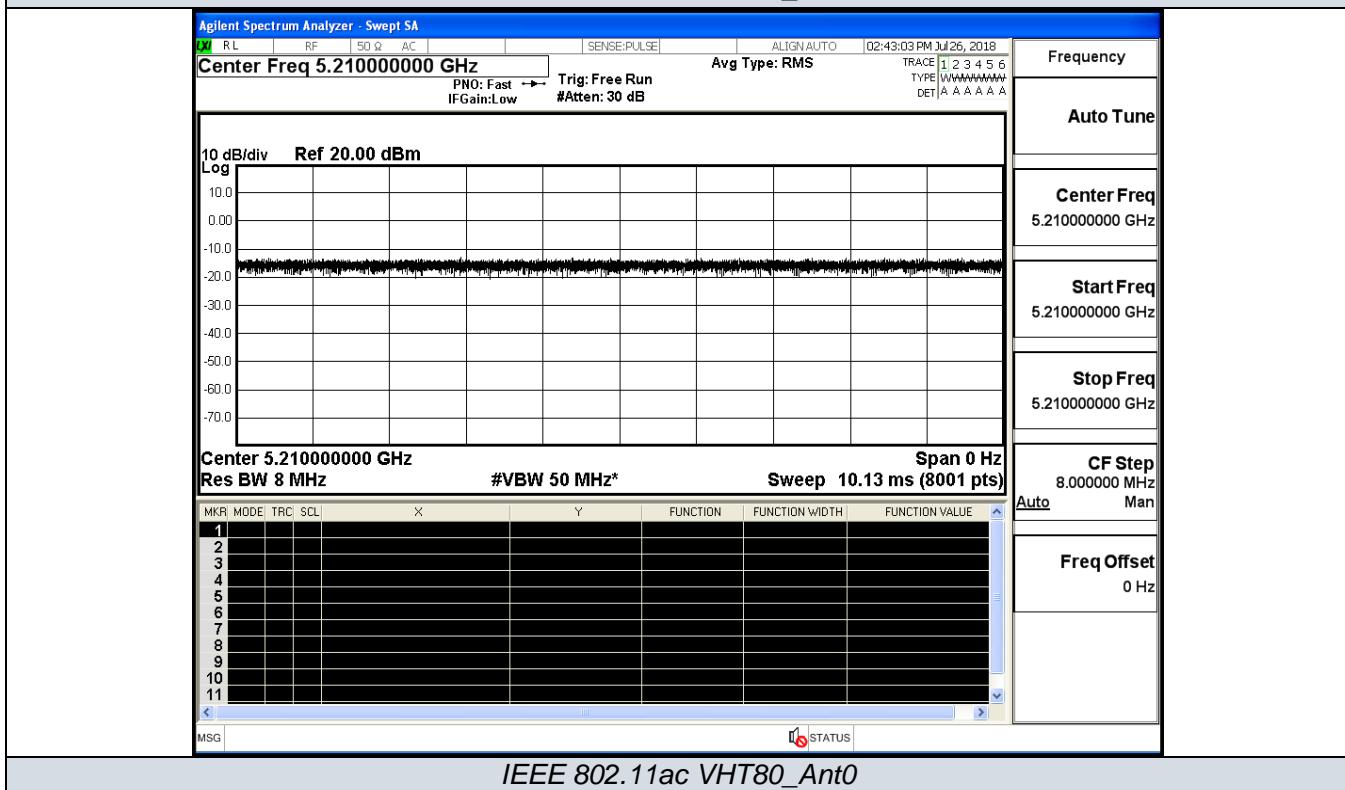


## IEEE 802.11a\_Ant0

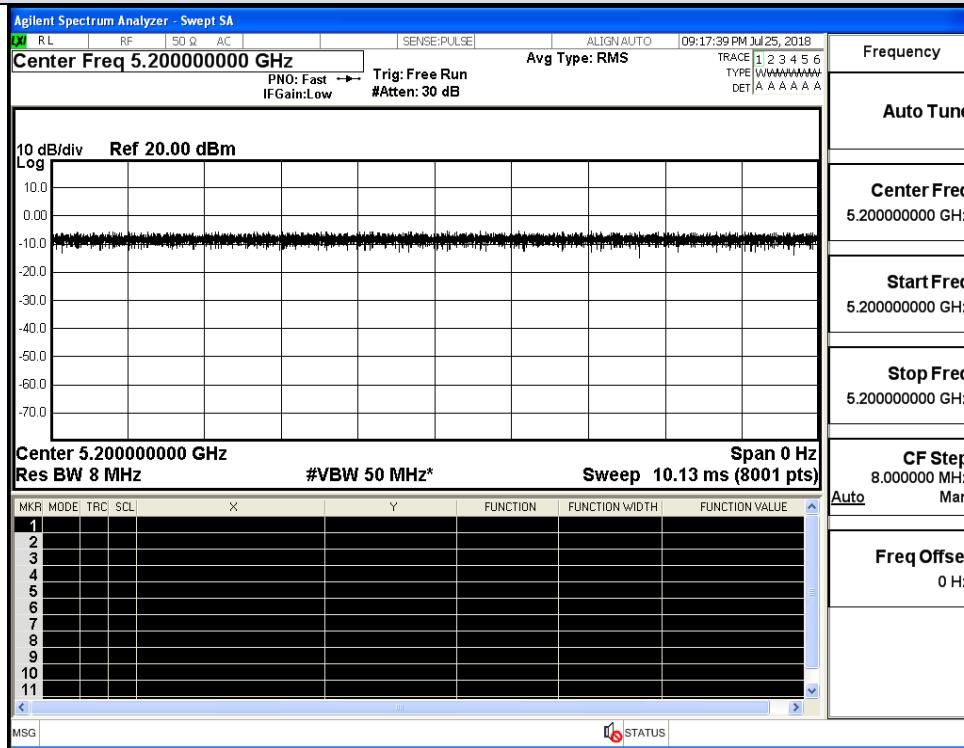


## IEEE 802.11n HT20\_Ant0

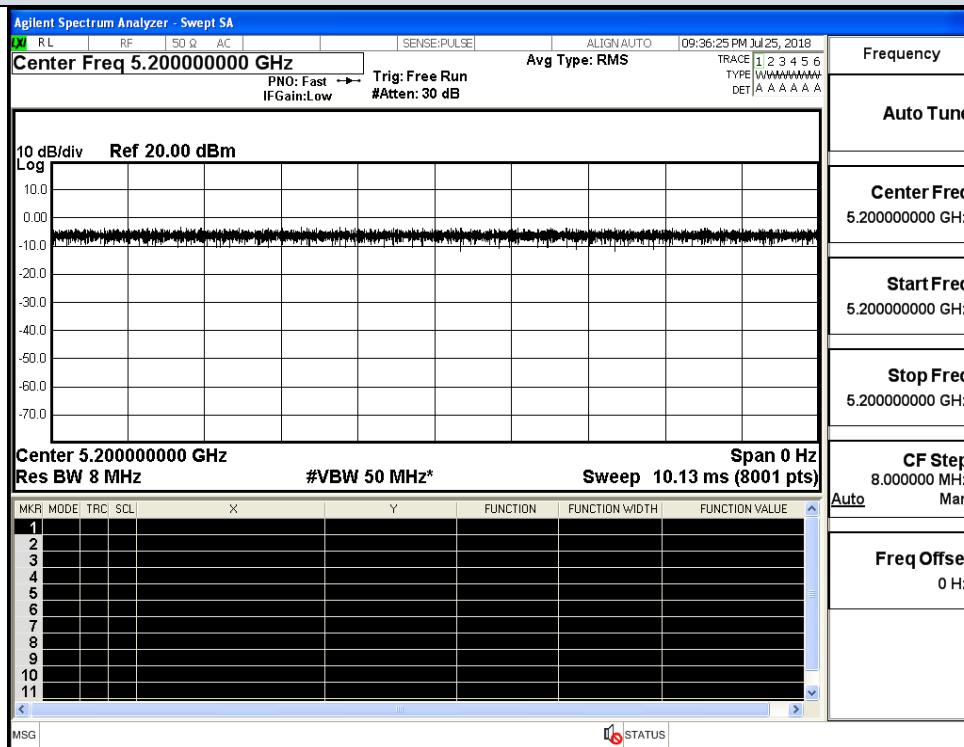


*IEEE 802.11ac VHT40\_Ant0**IEEE 802.11ac VHT80\_Ant0*

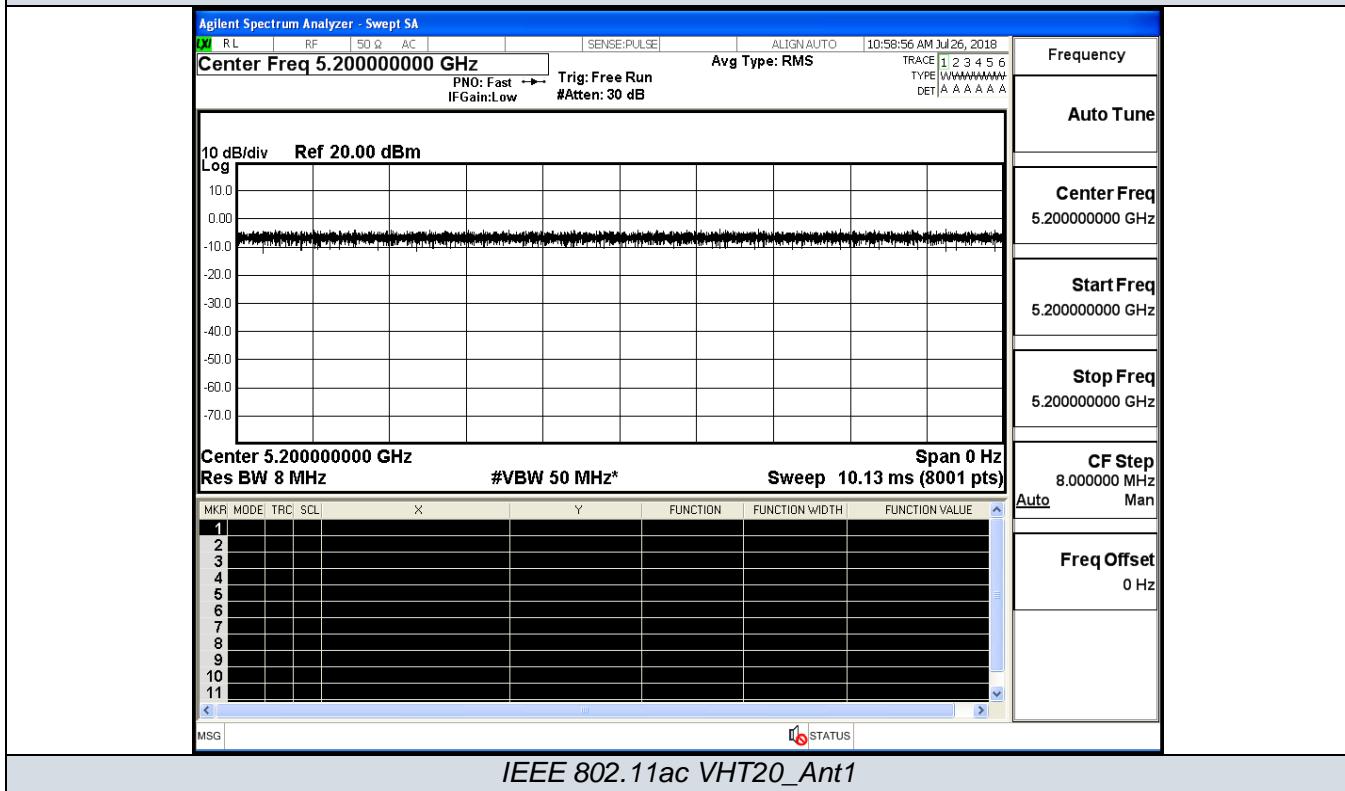
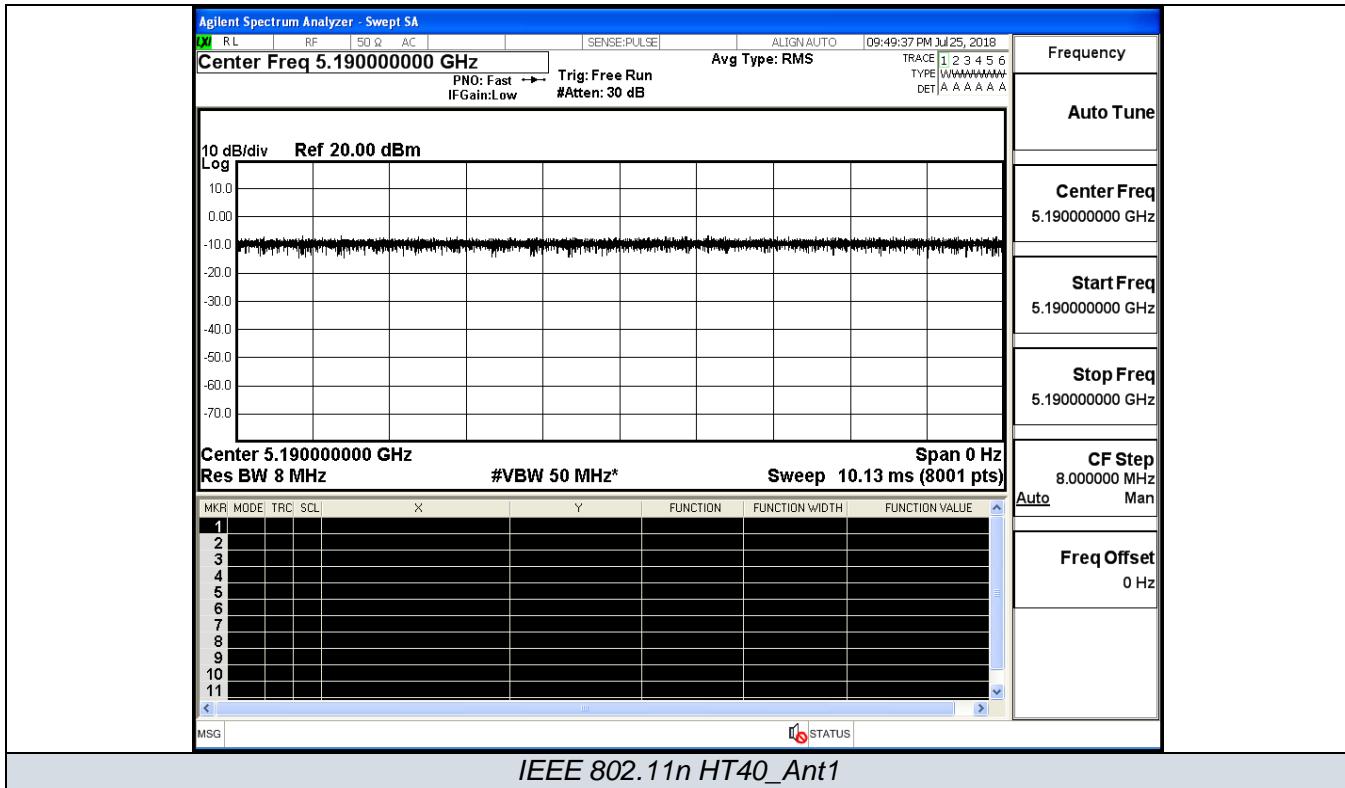
## On Time and Duty Cycle\_Ant1

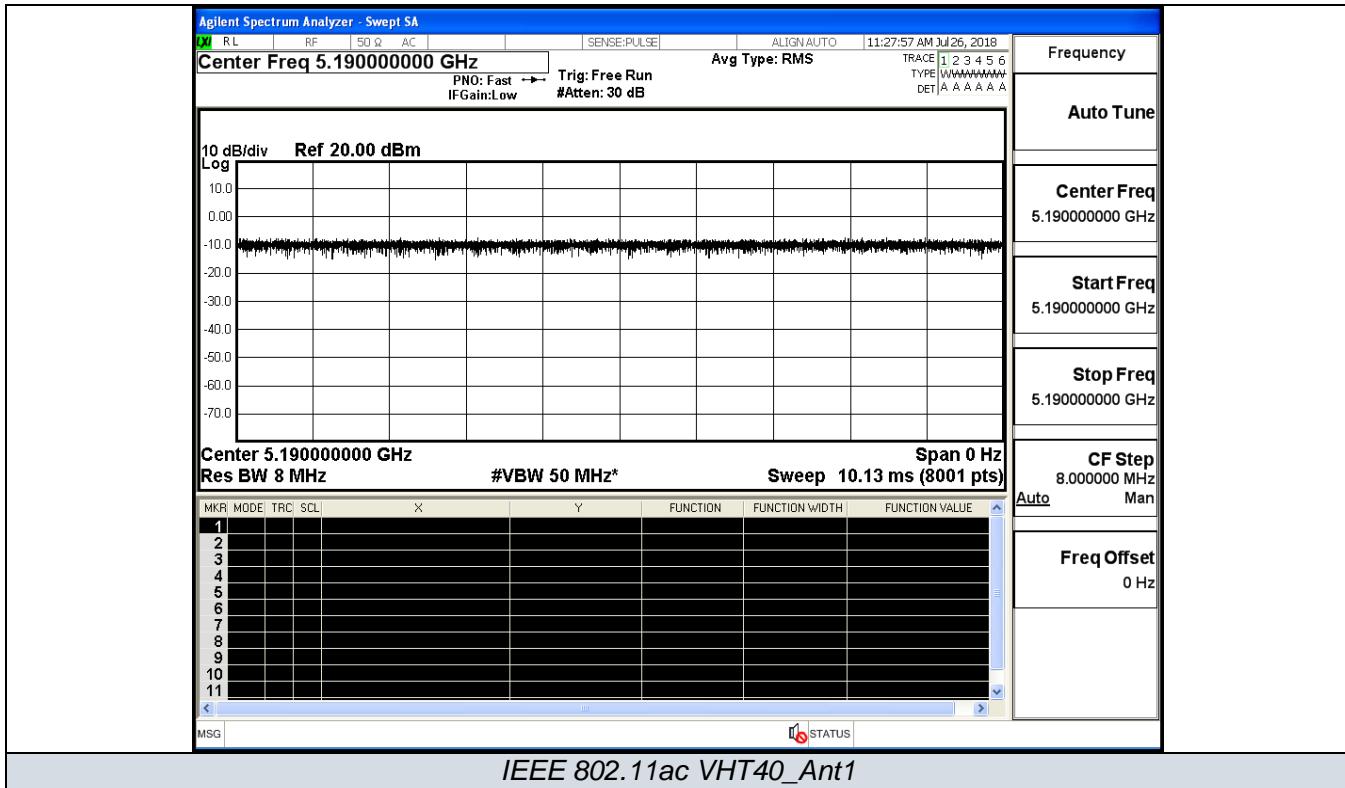


## IEEE 802.11a\_Ant1

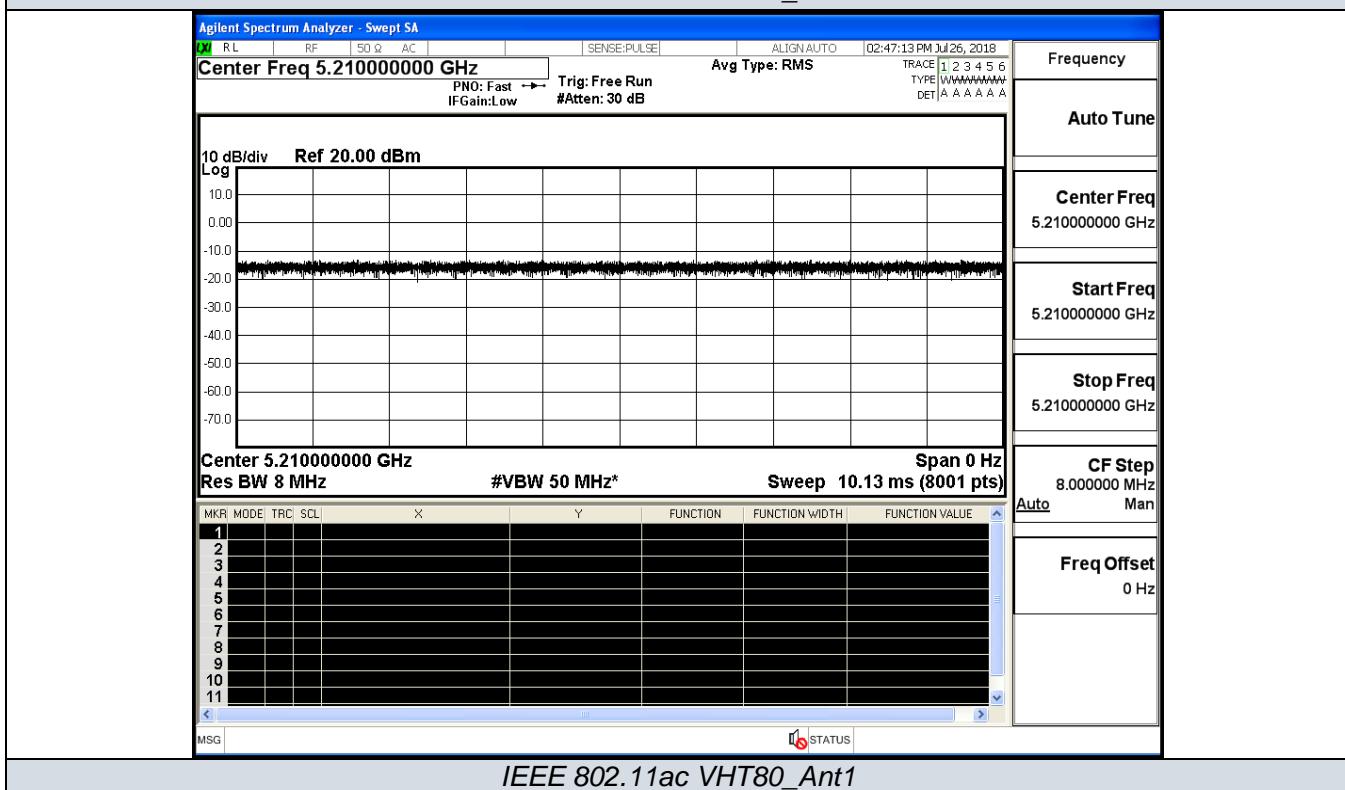


## IEEE 802.11n HT20\_Ant1





IEEE 802.11ac VHT40\_Ant1



IEEE 802.11ac VHT80\_Ant1

## C.2 Maximum Conduct Output Power

### Antenna 0

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)	Duty Cycle Factor (dB)	Report Conducted Power (dBm)	Limit (dBm)
11A	36	5180	12.31	0	12.31	24
	40	5200	12.17	0	12.17	
	48	5240	11.88	0	11.88	
11N20	36	5180	14.68	0	14.68	24
	40	5200	14.55	0	14.55	
	48	5240	13.06	0	13.06	
11N40	38	5190	14.33	0	14.33	24
	46	5230	13.87	0	13.87	
11AC20	36	5180	13.78	0	13.78	24
	40	5200	13.34	0	13.34	
	48	5240	14.42	0	14.42	
11AC40	38	5190	15.31	0	15.31	24
	46	5230	13.72	0	13.72	
11AC80	42	5210	14.92	0	14.92	24

### Antenna 1

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)	Duty Cycle Factor (dB)	Report Conducted Power (dBm)	Limit (dBm)
11A	36	5180	12.88	0	12.88	24
	40	5200	10.47	0	10.47	
	48	5240	12.12	0	12.12	
11N20	36	5180	14.70	0	14.70	24
	40	5200	14.03	0	14.03	
	48	5240	12.84	0	12.84	
11N40	38	5190	13.43	0	13.43	24
	46	5230	13.38	0	13.38	
11AC20	36	5180	15.09	0	15.09	24
	40	5200	14.86	0	14.86	
	48	5240	14.62	0	14.62	
11AC40	38	5190	14.16	0	14.16	24
	46	5230	14.11	0	14.11	
11AC80	42	5210	15.16	0	15.16	24

**Antenna 0+Antenna 1**

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)			Duty Cycle Factor (dB)	Report Conducted Power (dBm)			Limit (dBm)
			Ant0	Ant1	Sum		Ant0	Ant1	Sum	
11N20	36	5180	14.68	14.70	17.70	0	14.68	14.70	17.70	24
	40	5200	14.55	14.03	17.31	0	14.55	14.03	17.31	
	48	5240	13.06	12.84	15.96	0	13.06	12.84	15.96	
11N40	38	5190	14.33	13.43	16.91	0	14.33	13.43	16.91	24
	46	5230	13.87	13.38	16.64	0	13.87	13.38	16.64	
11AC20	36	5180	13.78	15.09	17.49	0	13.78	15.09	17.49	24
	40	5200	13.34	14.86	17.18	0	13.34	14.86	17.18	
	48	5240	14.42	14.62	17.53	0	14.42	14.62	17.53	
11AC40	38	5190	15.31	14.16	17.78	0	15.31	14.16	17.78	24
	46	5230	13.72	14.11	16.93	0	13.72	14.11	16.93	
11AC80	42	5210	14.92	15.16	18.05	0	14.92	15.16	18.05	24

### C.3 Power Spectral Density

#### 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	-1.285	0	-1.285	11
	40	5200	-1.366	0	-1.366	
	48	5240	-1.224	0	-1.224	
11N20	36	5180	0.051	0	0.051	11
	40	5200	-0.005	0	-0.005	
	48	5240	-0.630	0	-0.630	
11N40	38	5190	-3.737	0	-3.737	11
	46	5230	-2.898	0	-2.898	
11AC20	36	5180	-0.265	0	-0.265	11
	40	5200	-0.380	0	-0.380	
	48	5240	-0.521	0	-0.521	
11AC40	38	5190	-3.238	0	-3.238	11
	46	5230	-3.665	0	-3.665	
11AC80	42	5210	-7.875	0	-7.875	11

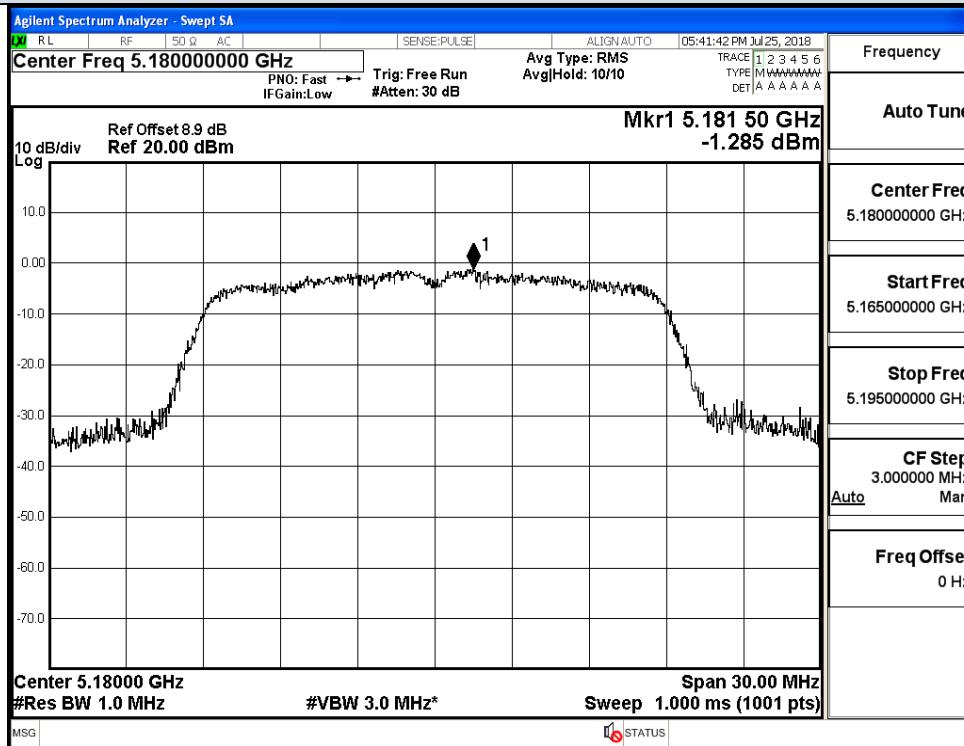
#### Antenna 1

Test Mode	Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Cycle Factor(dB)	Report Power Density (dBm/MHz)	Limit (dBm/MHz)
11A	36	5180	-0.308	0	-0.308	11
	40	5200	-2.210	0	-2.210	
	48	5240	-0.367	0	-0.367	
11N20	36	5180	-0.192	0	-0.192	11
	40	5200	-0.277	0	-0.277	
	48	5240	-0.490	0	-0.490	
11N40	38	5190	-2.910	0	-2.910	11
	46	5230	-3.181	0	-3.181	
11AC20	36	5180	-2.466	0	-2.466	11
	40	5200	-0.381	0	-0.381	
	48	5240	-0.600	0	-0.600	
11AC40	38	5190	-3.535	0	-3.535	11
	46	5230	-3.665	0	-3.665	
11AC80	42	5210	-8.030	0	-8.030	11

**Antenna 0+Antenna 1**

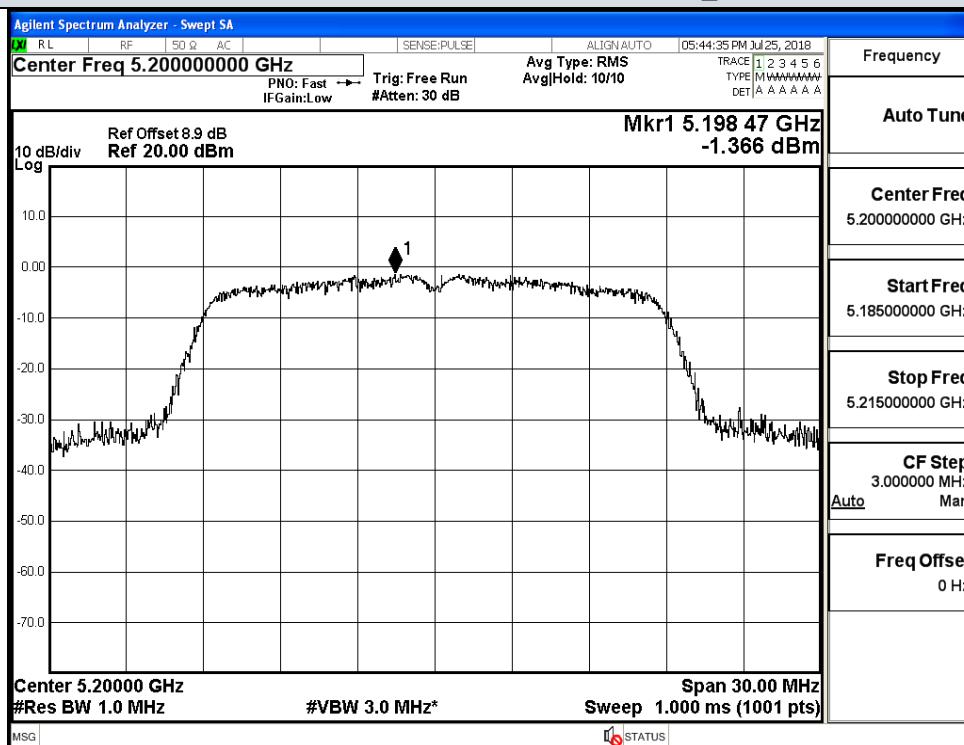
Test Mode	Channel	Frequency (MHz)	Power Density (dBm/MHz)			Duty Cycle Factor (dB)	Report Power Density (dBm/MHz)			Limit (dBm/MHz)
			Ant0	Ant1	Sum		Ant0	Ant1	Sum	
11N20	36	5180	0.051	-0.192	2.941	0	0.051	-0.192	2.941	11
	40	5200	-0.005	-0.277	2.871	0	-0.005	-0.277	2.871	
	48	5240	-0.630	-0.490	2.451	0	-0.630	-0.490	2.451	
11N40	38	5190	-3.737	-2.910	-0.294	0	-3.737	-2.910	-0.294	11
	46	5230	-2.898	-3.181	-0.027	0	-2.898	-3.181	-0.027	
11AC20	36	5180	-0.265	-2.466	1.783	0	-0.265	-2.466	1.783	11
	40	5200	-0.380	-0.381	2.630	0	-0.380	-0.381	2.630	
	48	5240	-0.521	-0.600	2.450	0	-0.521	-0.600	2.450	
11AC40	38	5190	-3.238	-3.535	-0.374	0	-3.238	-3.535	-0.374	11
	46	5230	-3.665	-3.665	-0.655	0	-3.665	-3.665	-0.655	
11AC80	42	5210	-7.875	-8.030	-4.942	0	-7.875	-8.030	-4.942	11

## Power Spectral Density\_Ant0



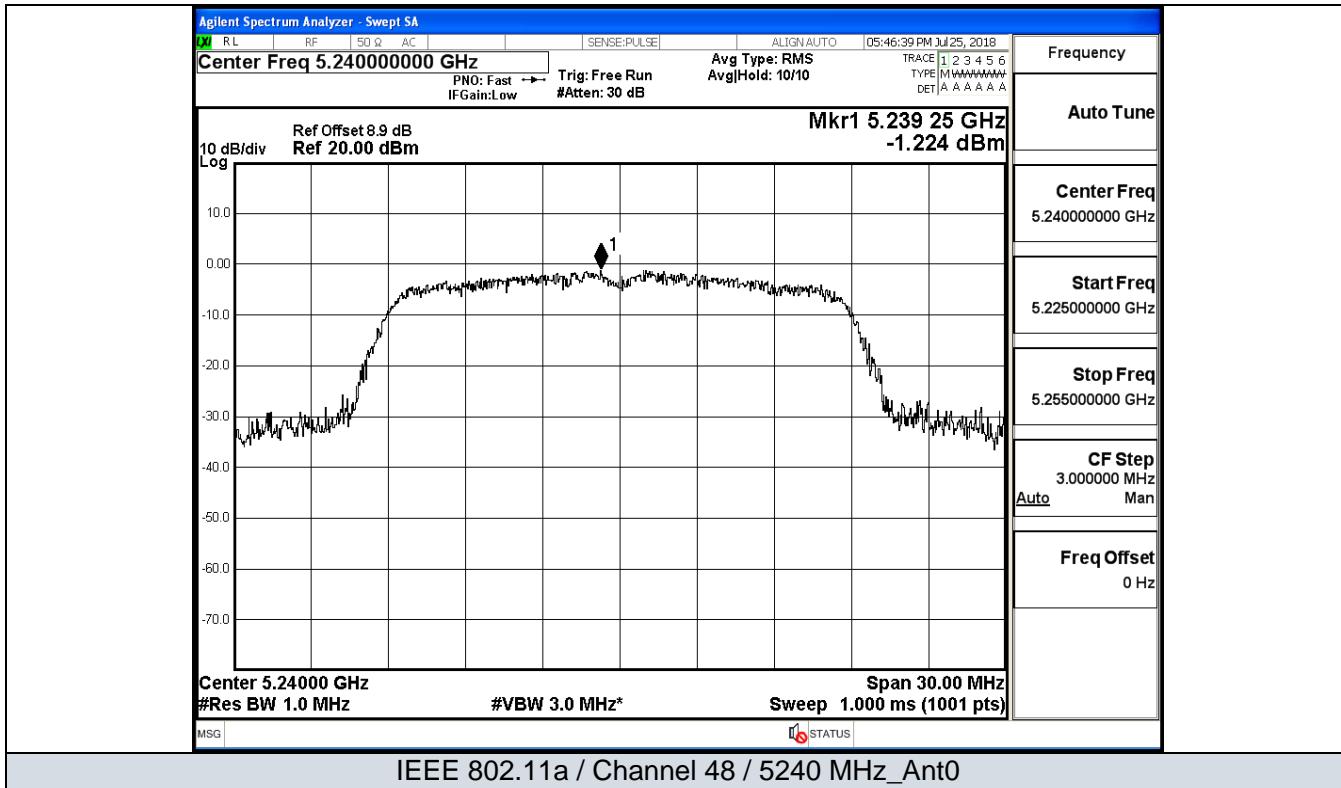
Frequency  
Auto Tune  
Center Freq 5.180000000 GHz  
Start Freq 5.165000000 GHz  
Stop Freq 5.195000000 GHz  
CF Step 3.000000 MHz Auto  
Freq Offset 0 Hz

## IEEE 802.11a / Channel 36 / 5180 MHz\_Ant0

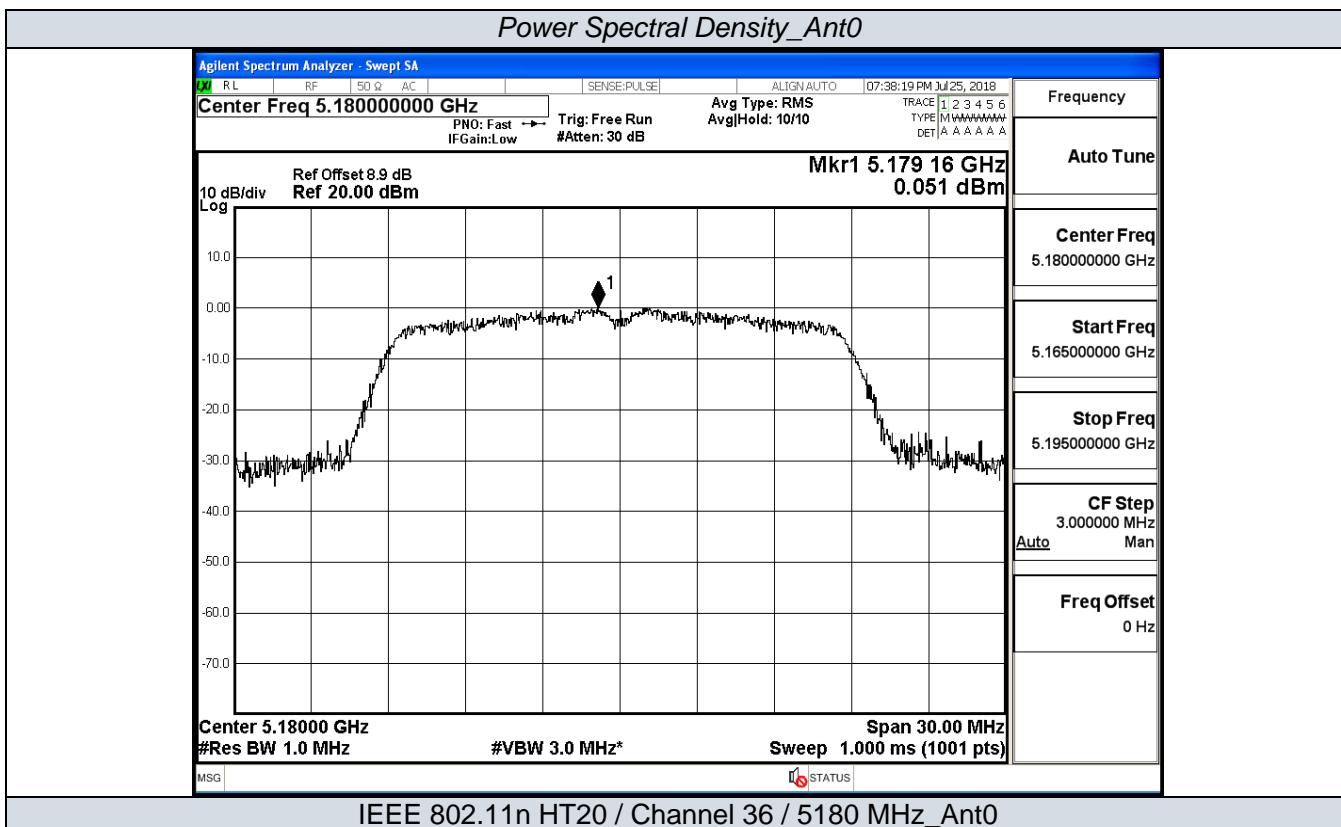


Frequency  
Auto Tune  
Center Freq 5.200000000 GHz  
Start Freq 5.185000000 GHz  
Stop Freq 5.215000000 GHz  
CF Step 3.000000 MHz Auto  
Freq Offset 0 Hz

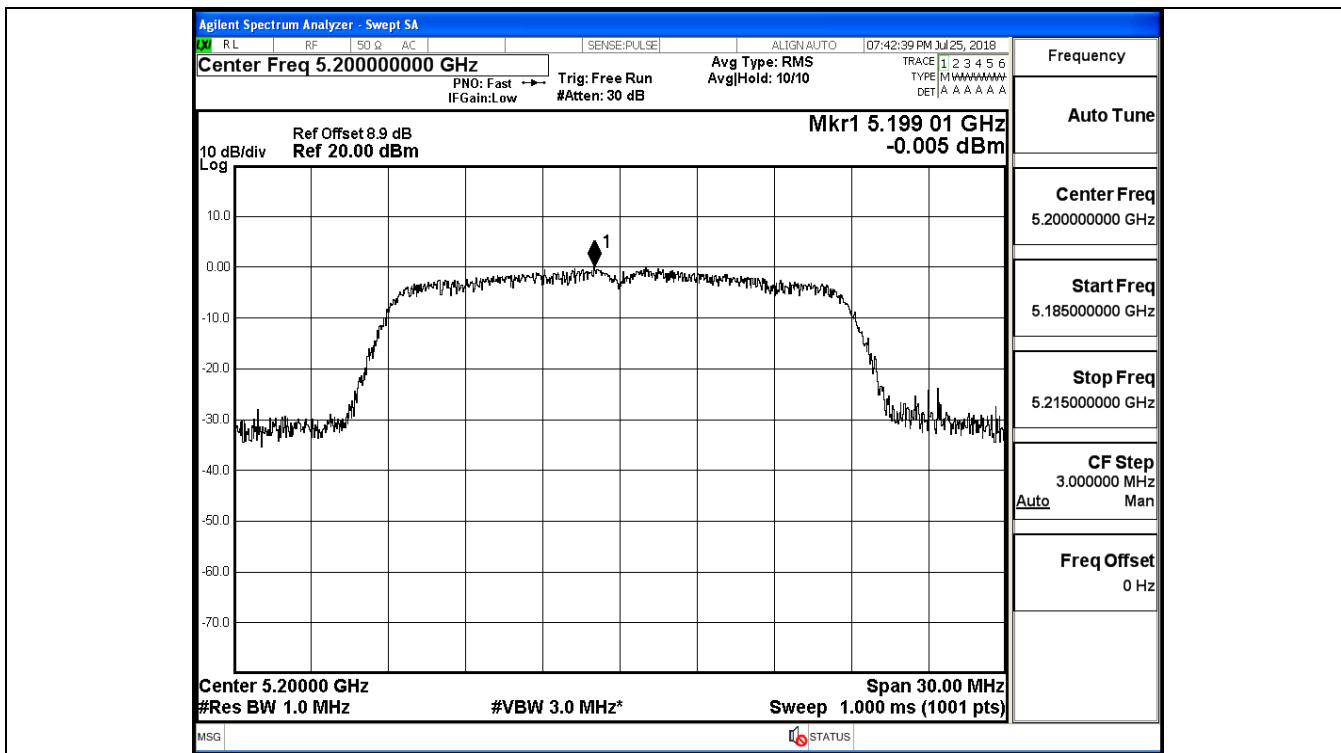
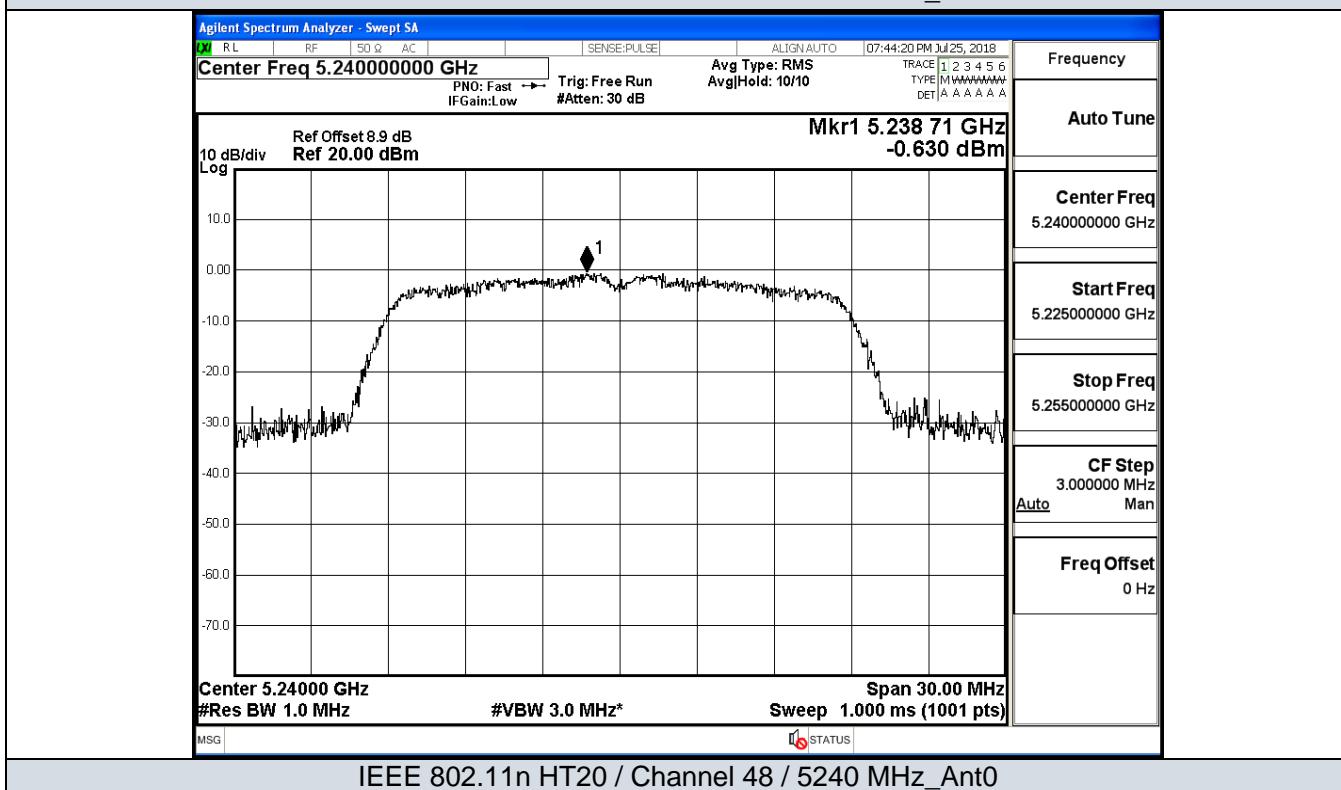
## IEEE 802.11a / Channel 40 / 5200 MHz\_Ant0



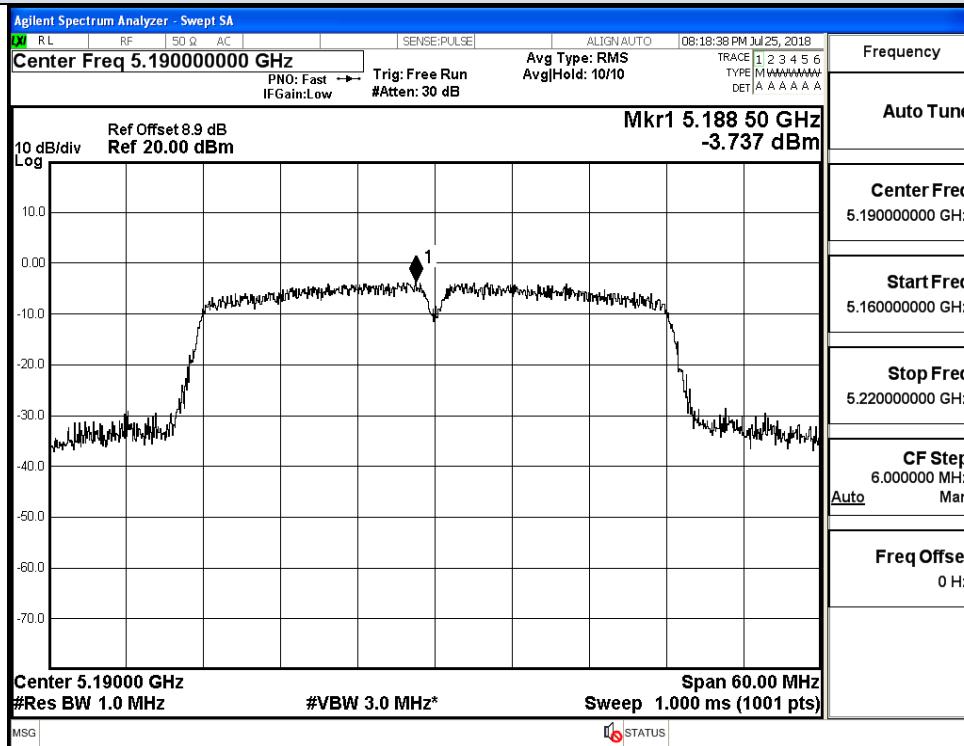
IEEE 802.11a / Channel 48 / 5240 MHz\_Ant0



IEEE 802.11n HT20 / Channel 36 / 5180 MHz\_Ant0

**IEEE 802.11n HT20 / Channel 40 / 5200 MHz\_Ant0****IEEE 802.11n HT20 / Channel 48 / 5240 MHz\_Ant0**

## Power Spectral Density\_Ant0

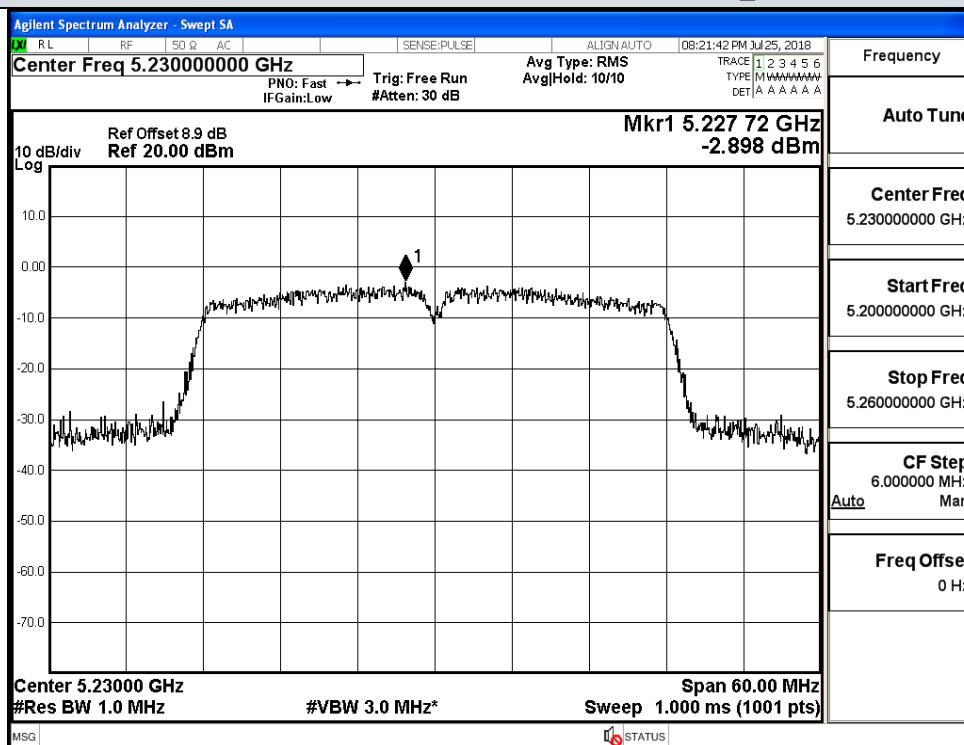


Frequency

Auto Tune

Center Freq  
5.190000000 GHzStart Freq  
5.160000000 GHzStop Freq  
5.220000000 GHzCF Step  
6.00000 MHz  
Auto ManFreq Offset  
0 Hz

## IEEE 802.11n HT40 / Channel 38 / 5190 MHz\_Ant0

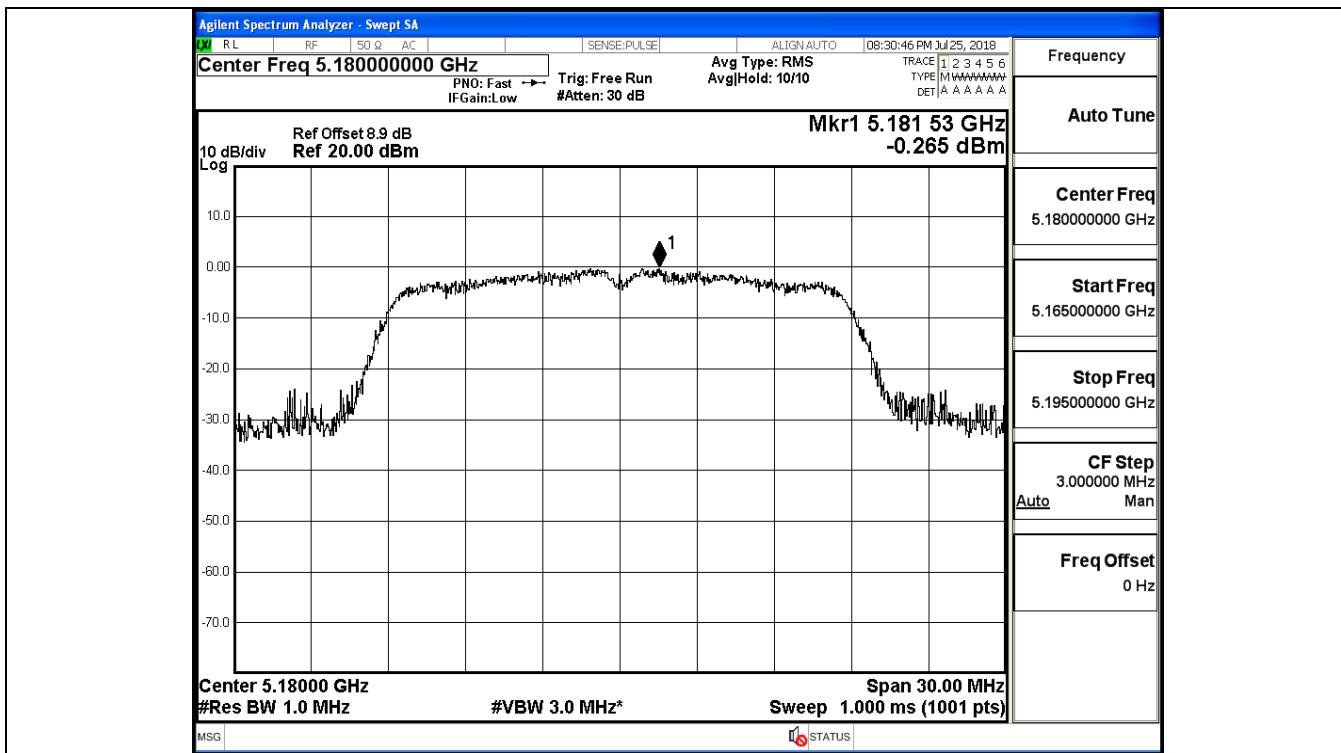
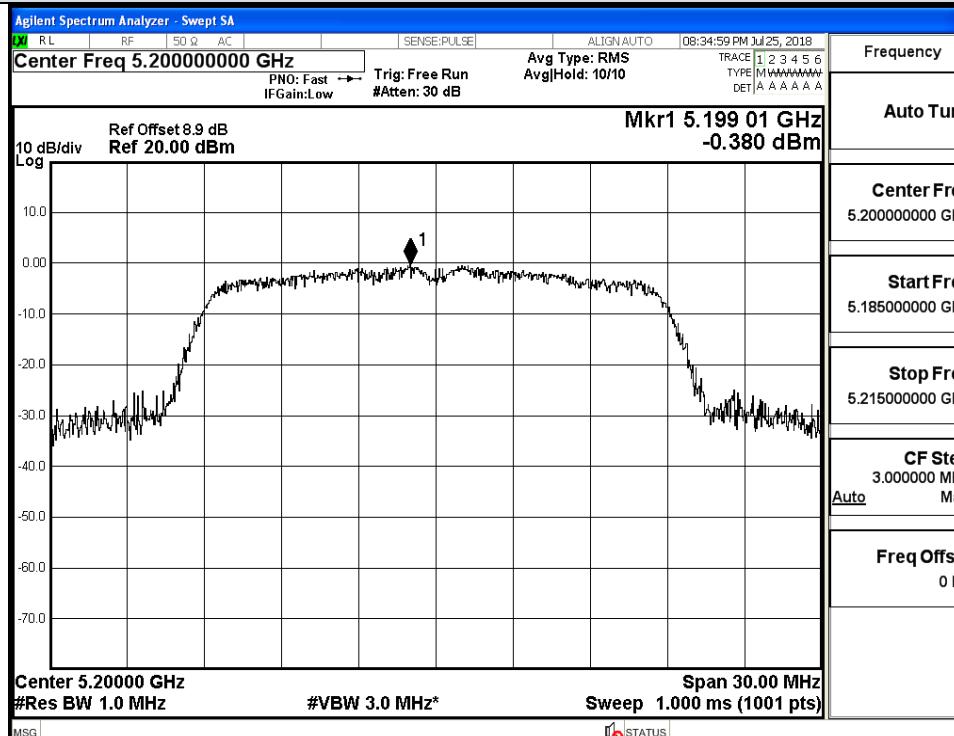


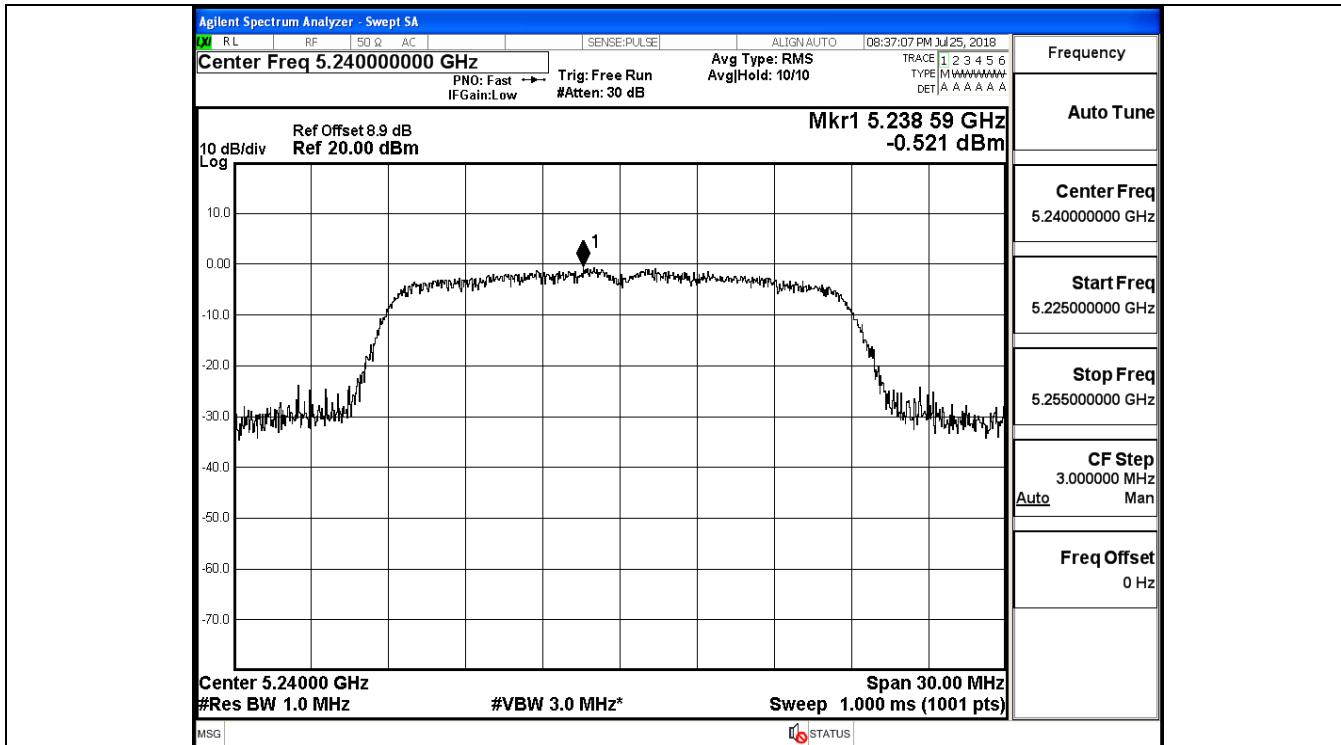
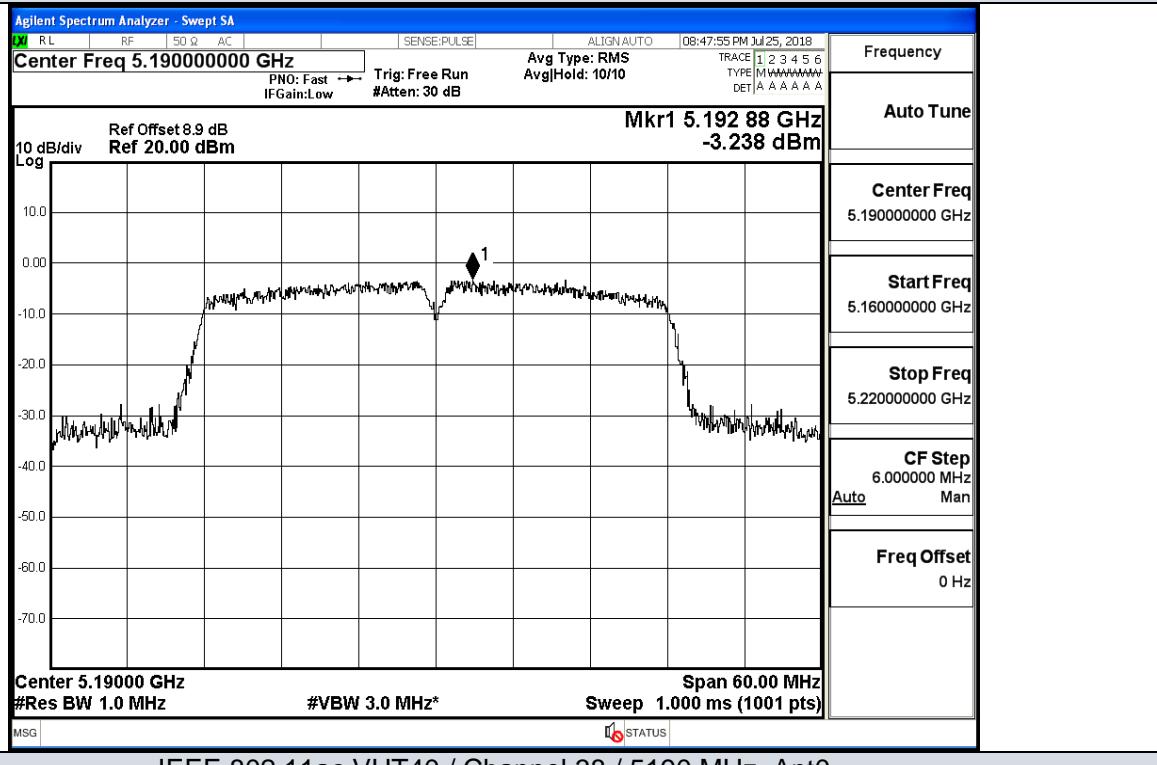
Frequency

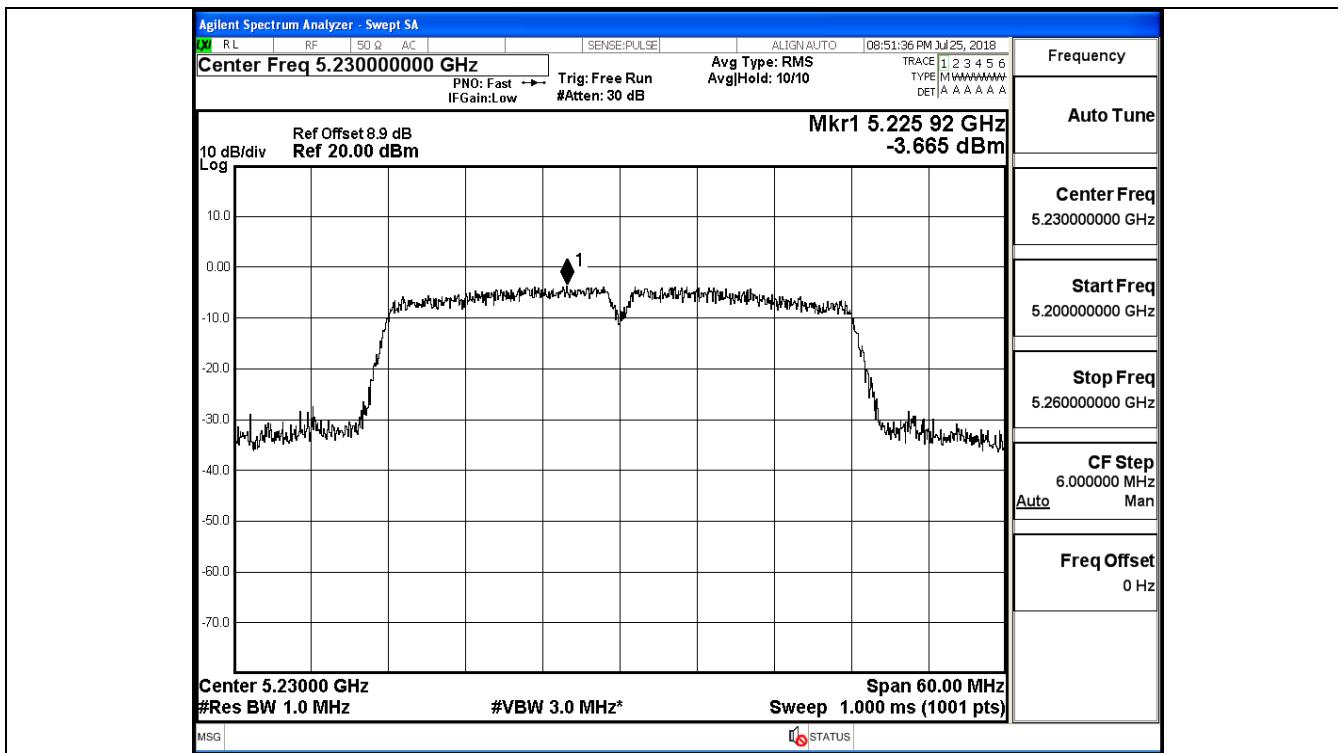
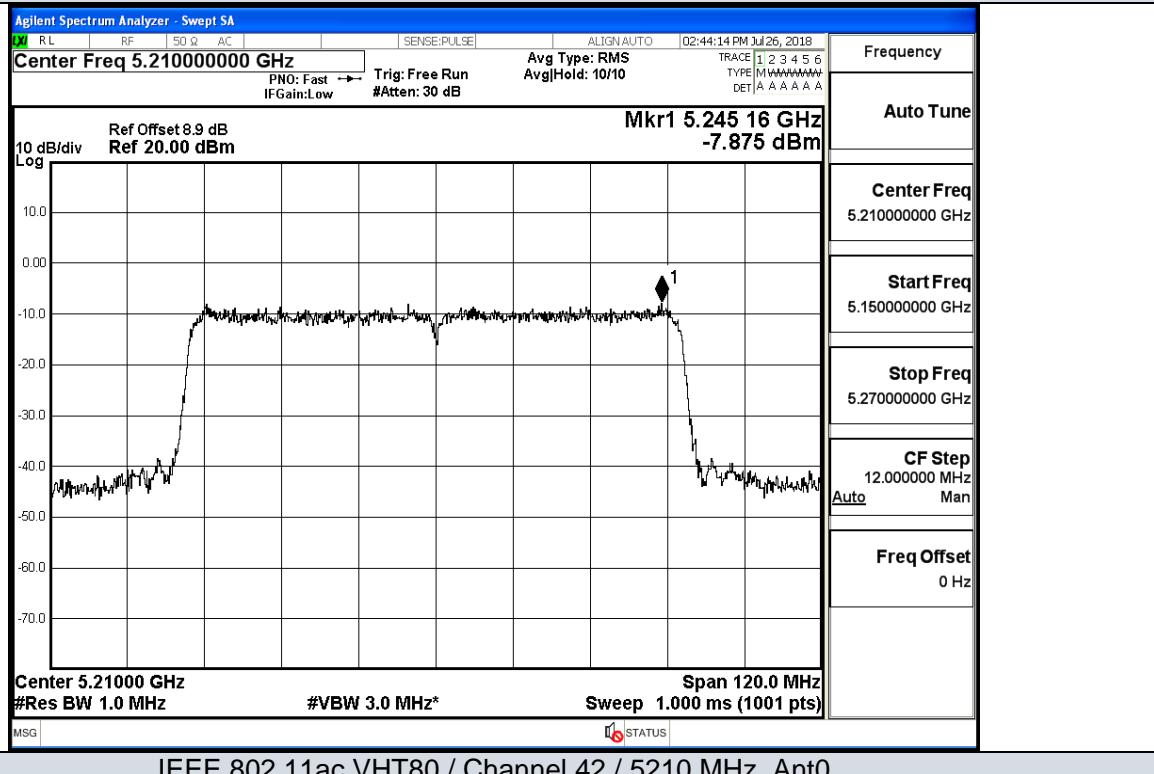
Auto Tune

Center Freq  
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5.260000000 GHzCF Step  
6.00000 MHz  
Auto ManFreq Offset  
0 Hz

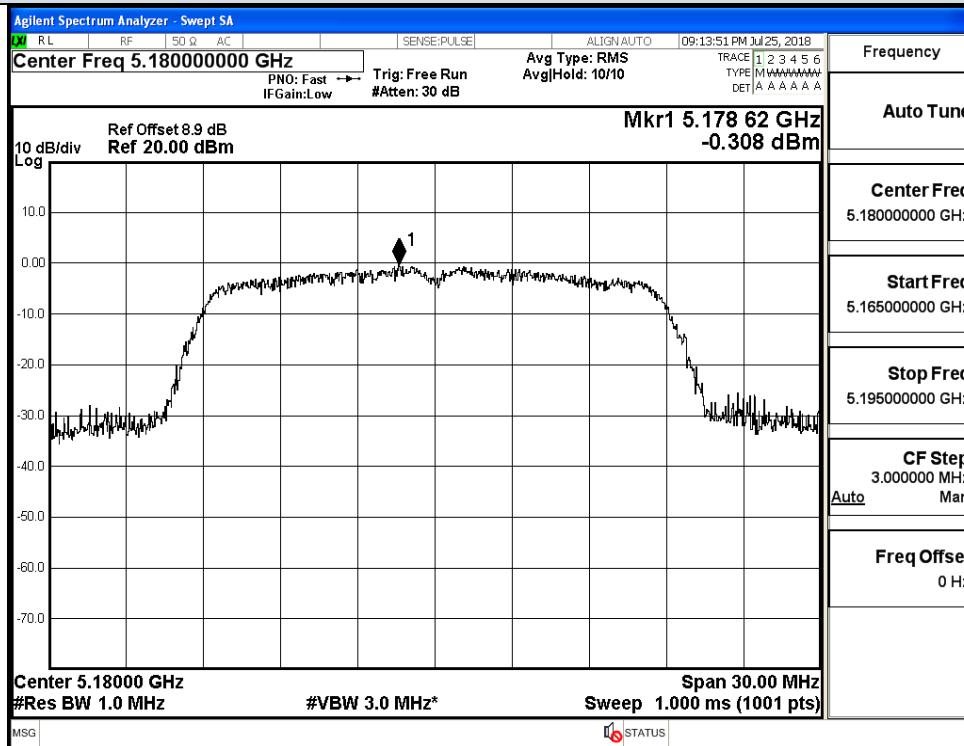
## IEEE 802.11n HT40 / Channel 46 / 5230 MHz\_Ant0

**IEEE 802.11ac VHT20 / Channel 36 / 5180 MHz\_Ant0****IEEE 802.11ac VHT20 / Channel 40 / 5200 MHz\_Ant0**

**IEEE 802.11ac VHT20 / Channel 48 / 5240 MHz\_Ant0****IEEE 802.11ac VHT40 / Channel 38 / 5190 MHz\_Ant0**

**IEEE 802.11ac VHT40 / Channel 46 / 5230 MHz\_Ant0****IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz\_Ant0**

## Power Spectral Density\_Ant1

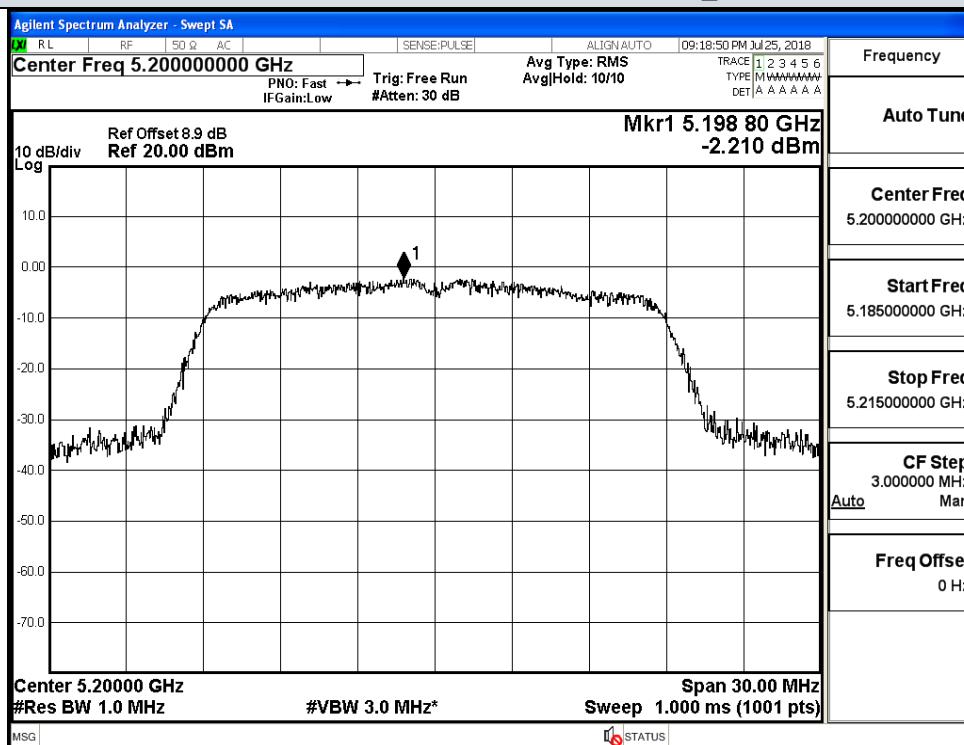


Frequency

Auto Tune

Center Freq  
5.180000000 GHzStart Freq  
5.165000000 GHzStop Freq  
5.195000000 GHzCF Step  
3.00000 MHz  
Auto ManFreq Offset  
0 Hz

## IEEE 802.11a / Channel 36 / 5180 MHz\_Ant1

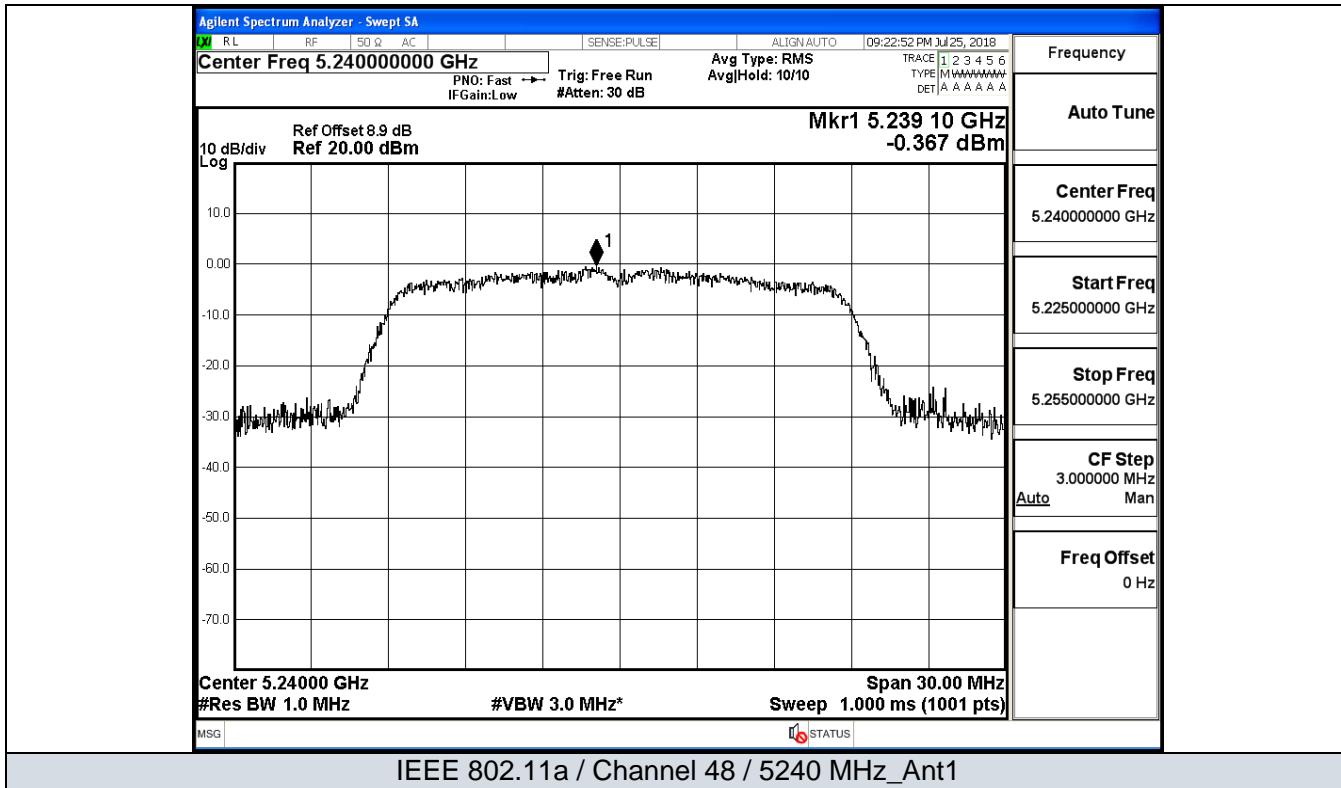


Frequency

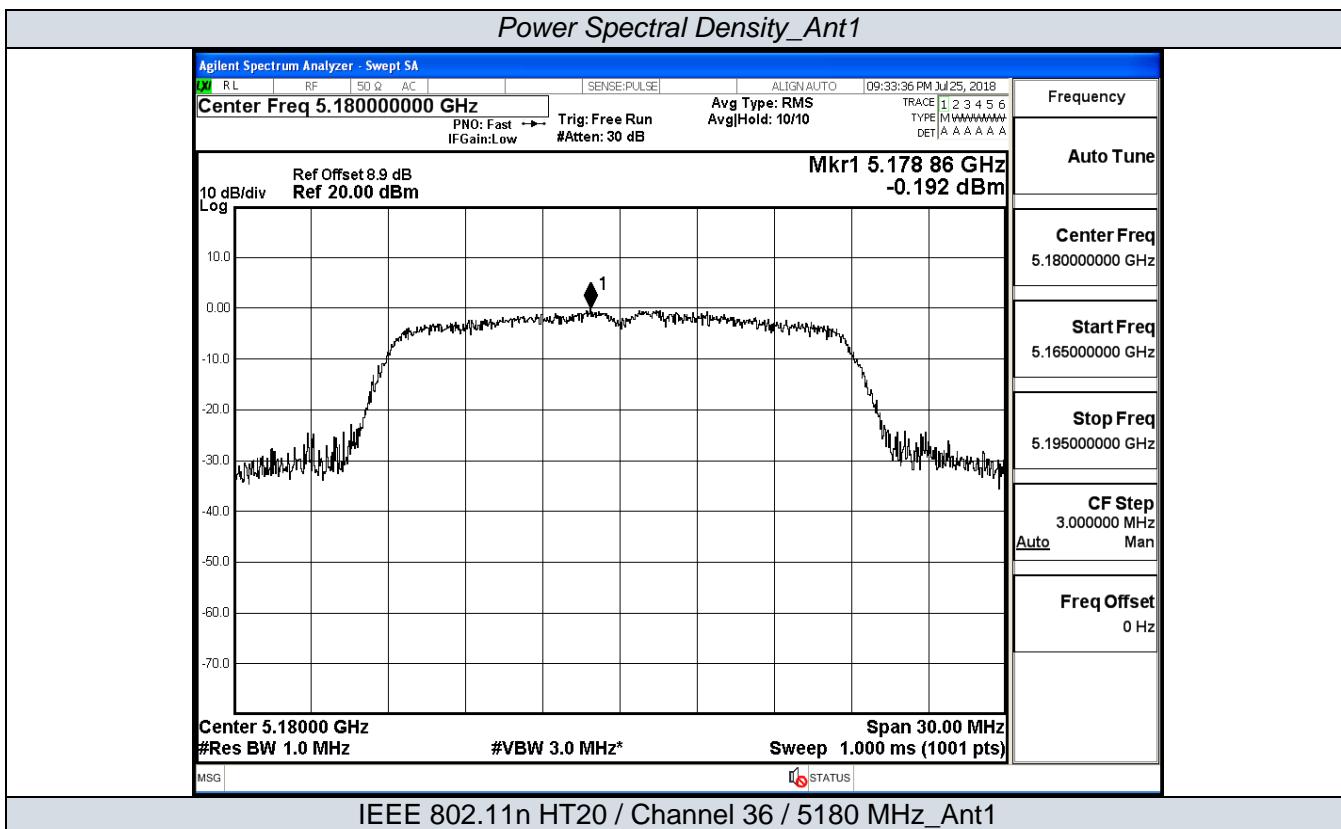
Auto Tune

Center Freq  
5.200000000 GHzStart Freq  
5.185000000 GHzStop Freq  
5.215000000 GHzCF Step  
3.00000 MHz  
Auto ManFreq Offset  
0 Hz

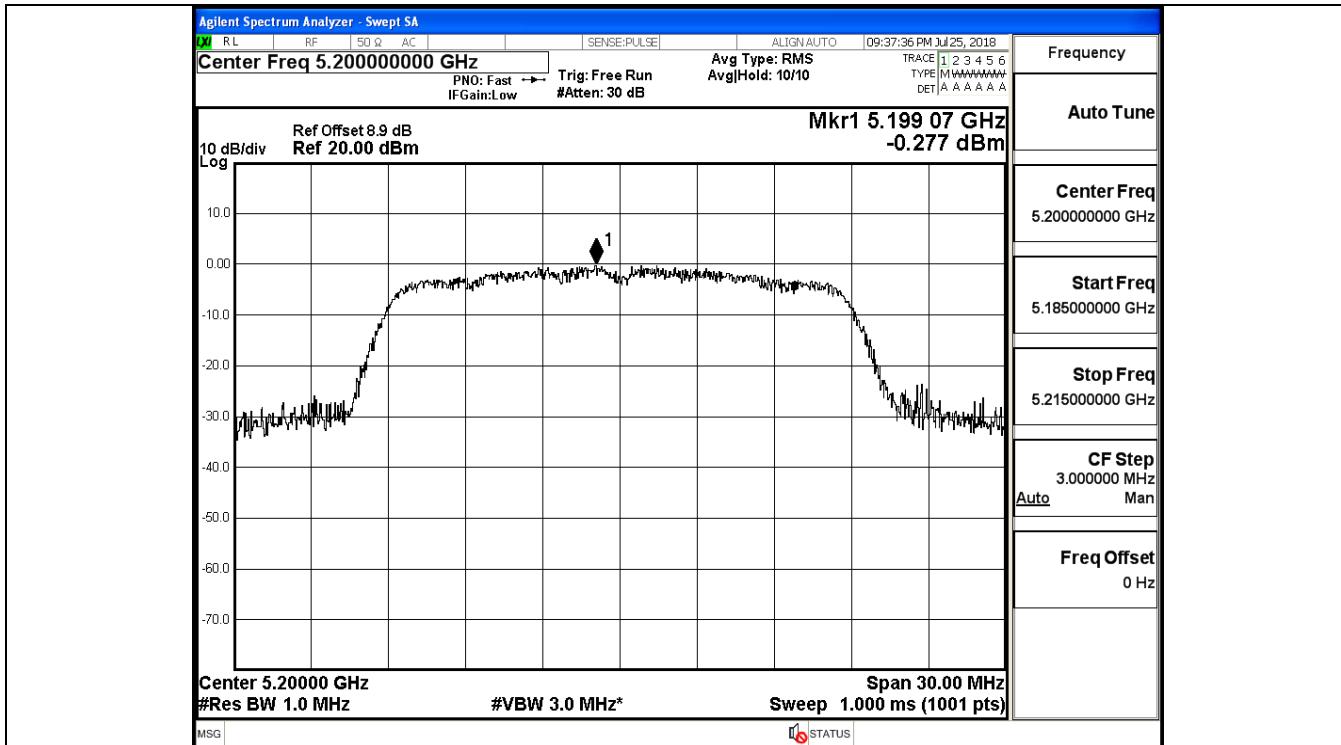
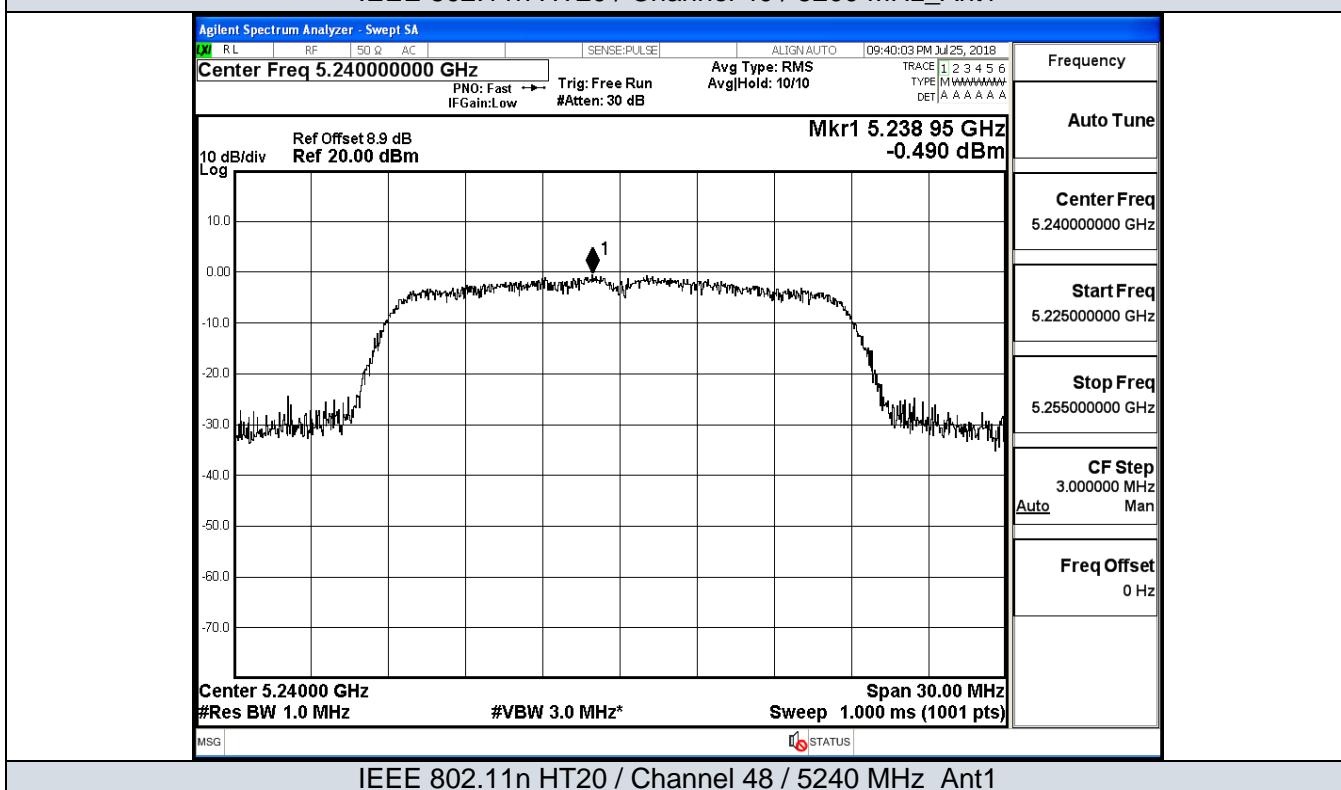
## IEEE 802.11a / Channel 40 / 5200 MHz\_Ant1



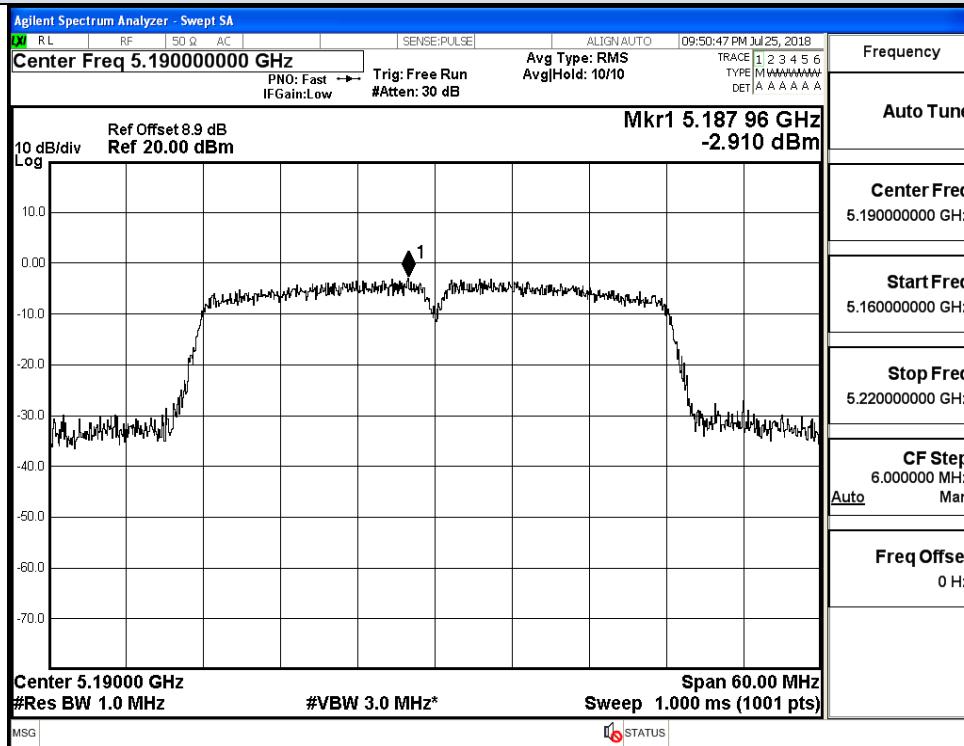
IEEE 802.11a / Channel 48 / 5240 MHz\_Ant1



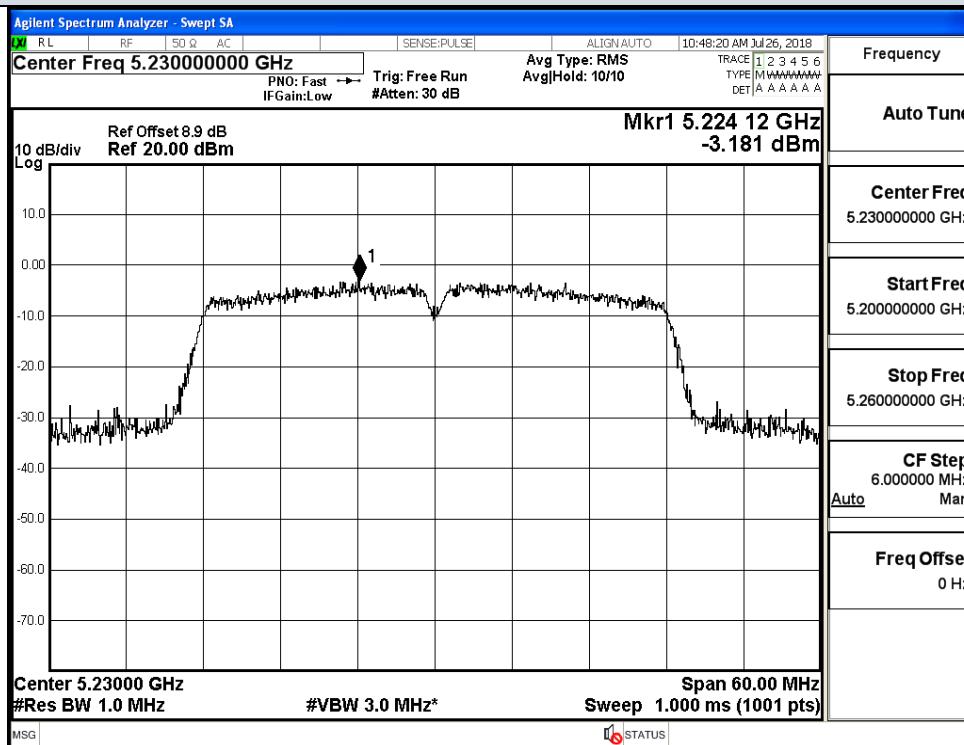
IEEE 802.11n HT20 / Channel 36 / 5180 MHz\_Ant1

**IEEE 802.11n HT20 / Channel 40 / 5200 MHz\_Ant1****IEEE 802.11n HT20 / Channel 48 / 5240 MHz\_Ant1**

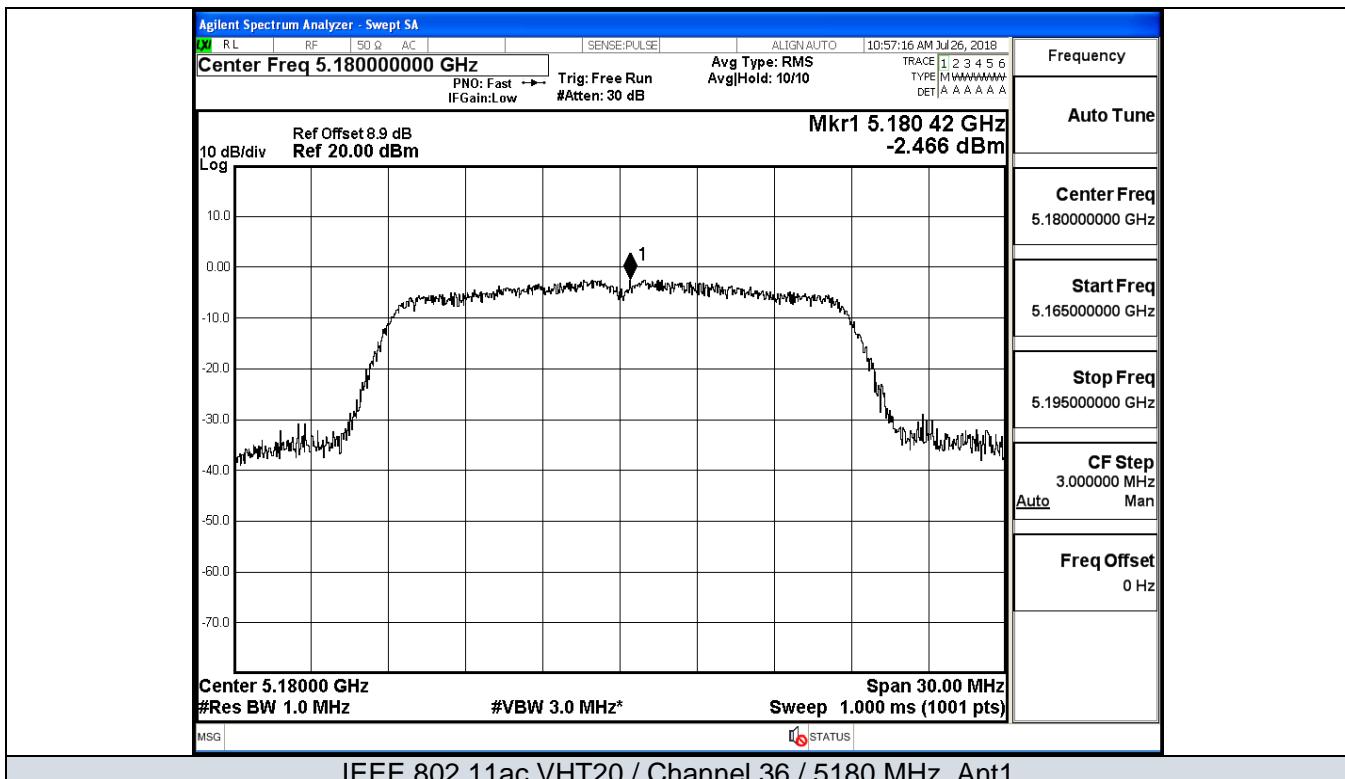
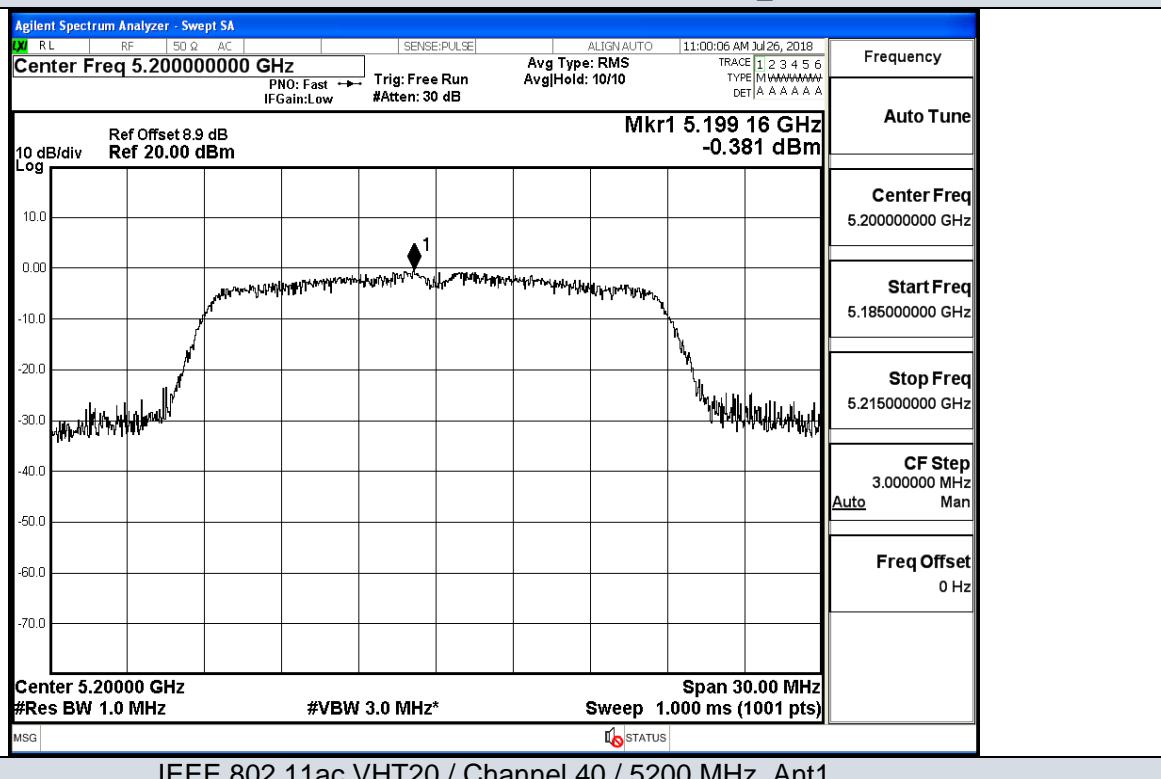
## Power Spectral Density\_Ant1

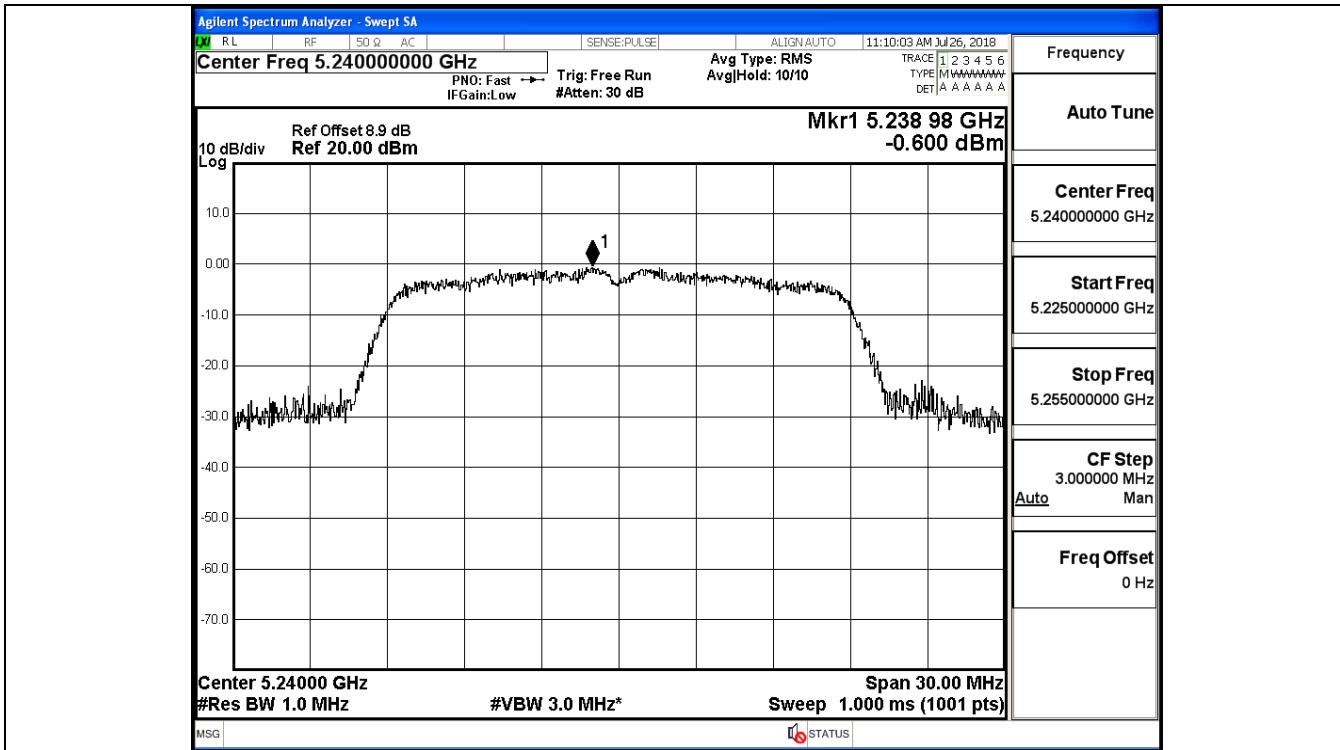
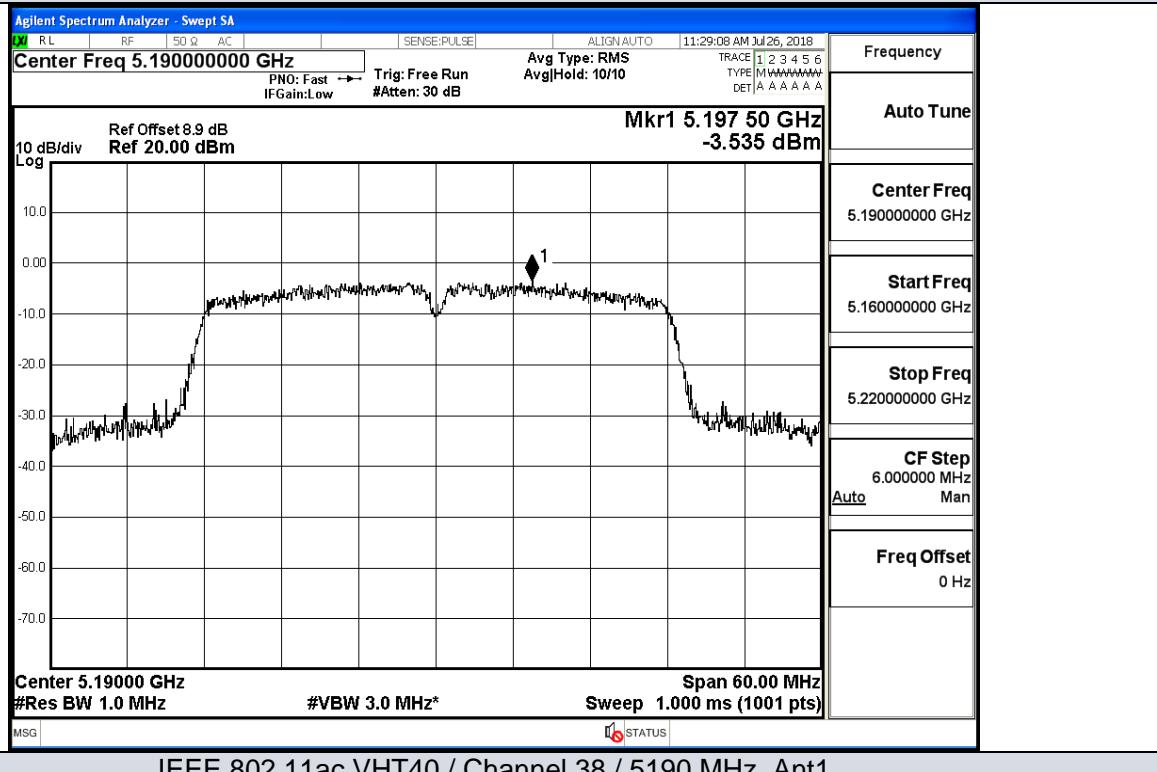


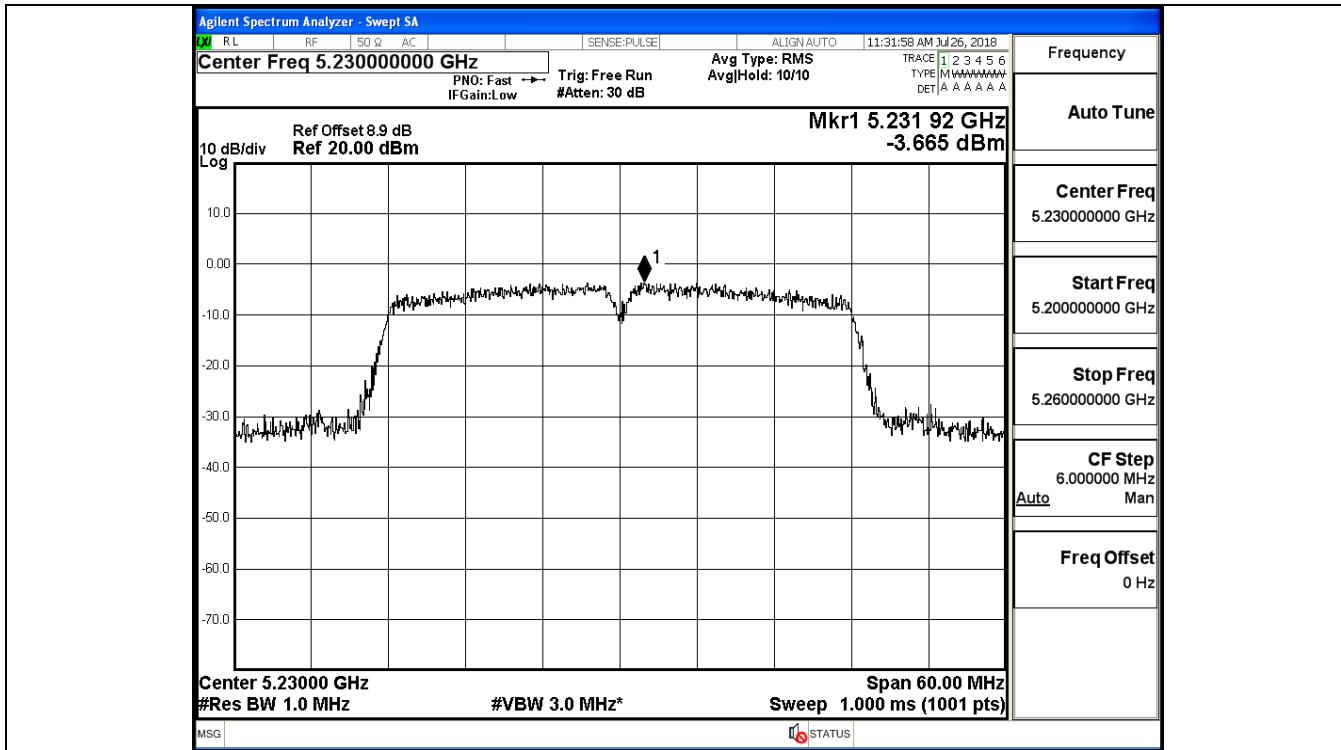
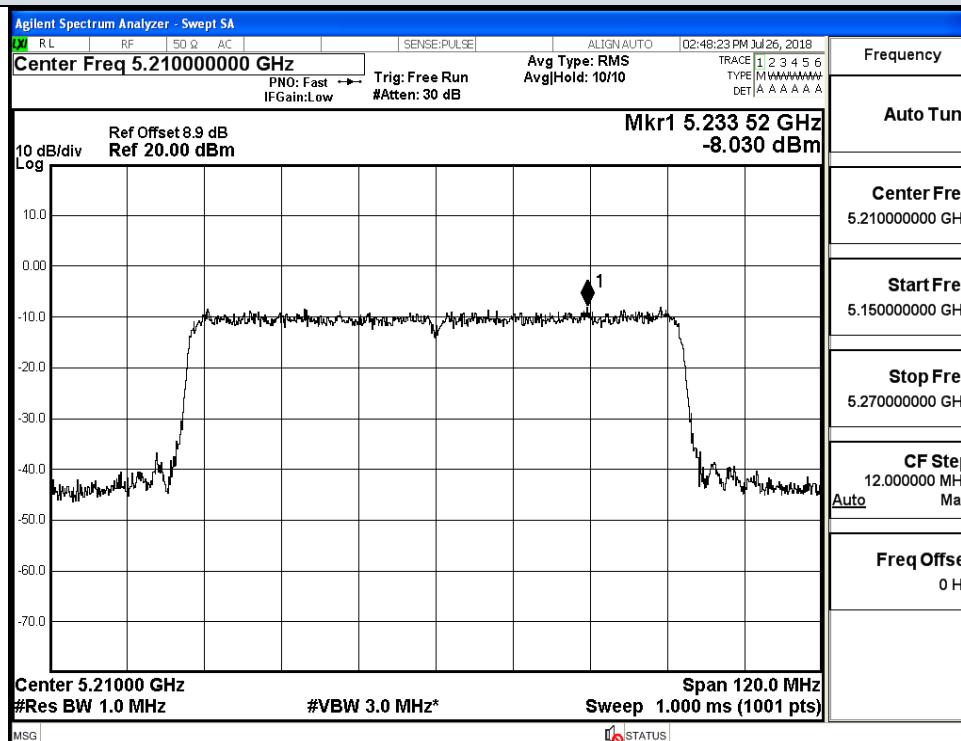
## IEEE 802.11n HT40 / Channel 38 / 5190 MHz\_Ant1



## IEEE 802.11n HT40 / Channel 46 / 5230 MHz\_Ant1

**IEEE 802.11ac VHT20 / Channel 36 / 5180 MHz\_Ant1****IEEE 802.11ac VHT20 / Channel 40 / 5200 MHz\_Ant1**

**IEEE 802.11ac VHT20 / Channel 48 / 5240 MHz\_Ant1****IEEE 802.11ac VHT40 / Channel 38 / 5190 MHz\_Ant1**

**IEEE 802.11ac VHT40 / Channel 46 / 5230 MHz\_Ant1****IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz\_Ant1**

## C.4 Emission Bandwidth

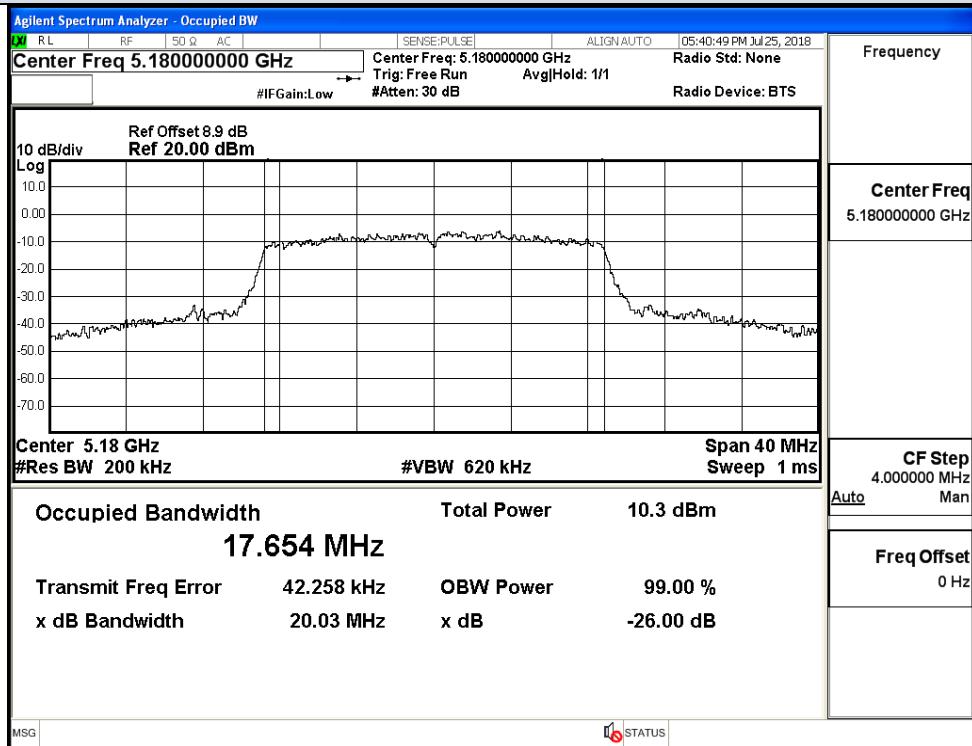
### Antenna 0

Test Mode	Channel	Frequency (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)
11A	36	5180	17.654	20.03	No Limit
	40	5200	17.651	19.89	
	48	5240	17.650	22.92	
11N20	36	5180	17.665	20.42	No Limit
	40	5200	17.673	20.24	
	48	5240	17.659	22.47	
11N40	38	5190	36.022	47.46	No Limit
	46	5230	36.091	46.53	
11AC20	36	5180	17.679	24.50	No Limit
	40	5200	17.667	22.17	
	48	5240	17.682	24.58	
11AC40	38	5190	36.006	43.95	No Limit
	46	5230	36.086	50.79	
11AC80	42	5210	75.490	80.08	No Limit

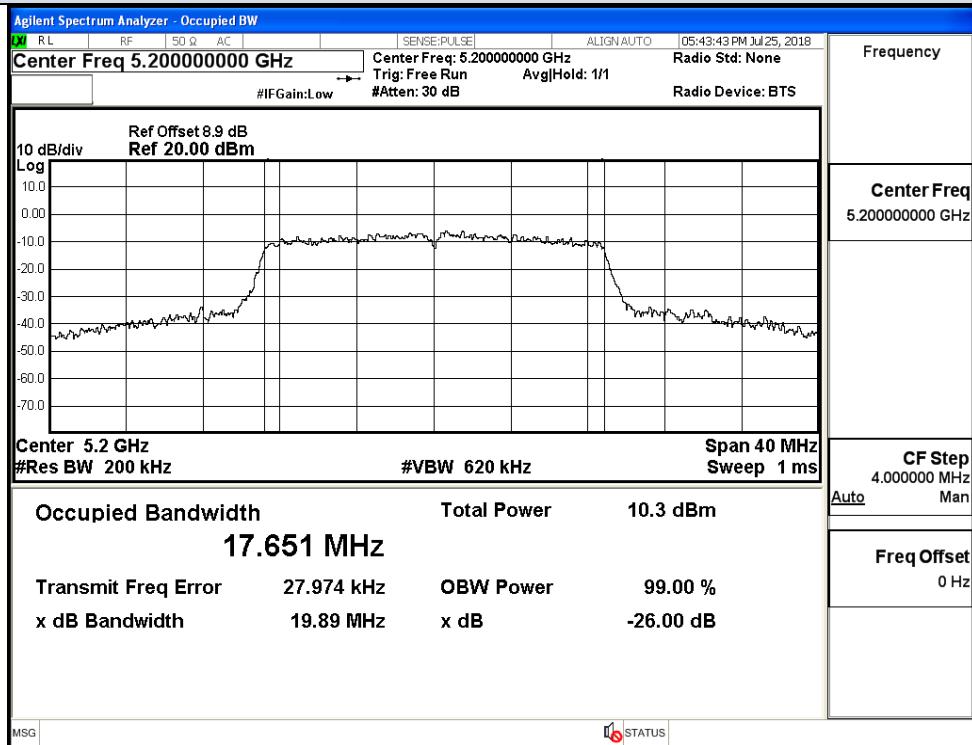
### Antenna 1

Test Mode	Channel	Frequency (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)
11A	36	5180	17.660	19.78	No Limit
	40	5200	17.640	19.89	
	48	5240	17.707	20.56	
11N20	36	5180	17.660	22.75	No Limit
	40	5200	17.663	20.26	
	48	5240	17.713	24.77	
11N40	38	5190	36.074	47.79	No Limit
	46	5230	36.076	51.73	
11AC20	36	5180	17.623	19.84	No Limit
	40	5200	17.670	25.95	
	48	5240	17.713	23.45	
11AC40	38	5190	36.073	48.44	No Limit
	46	5230	36.122	50.21	
11AC80	42	5210	75.457	79.81	No Limit

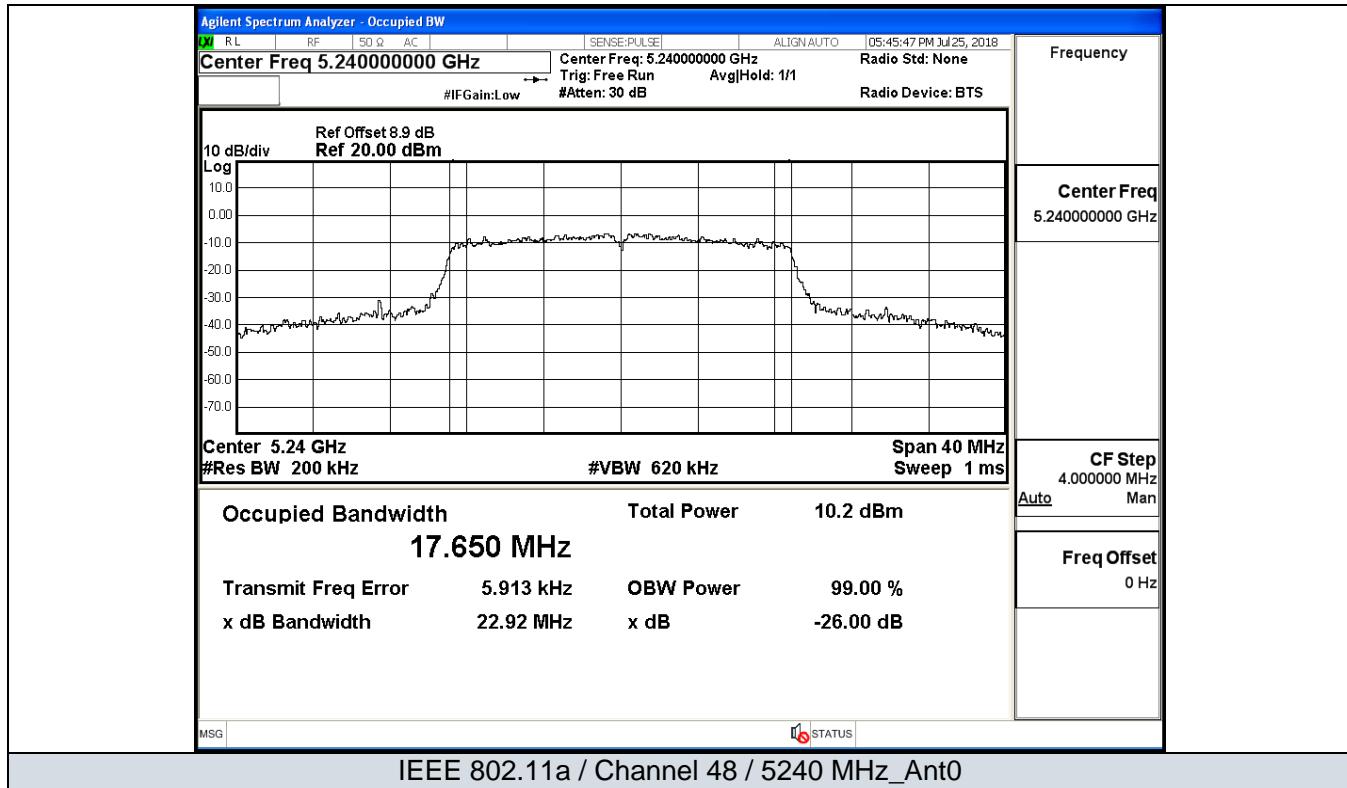
## 26dB Bandwidth\_Ant0



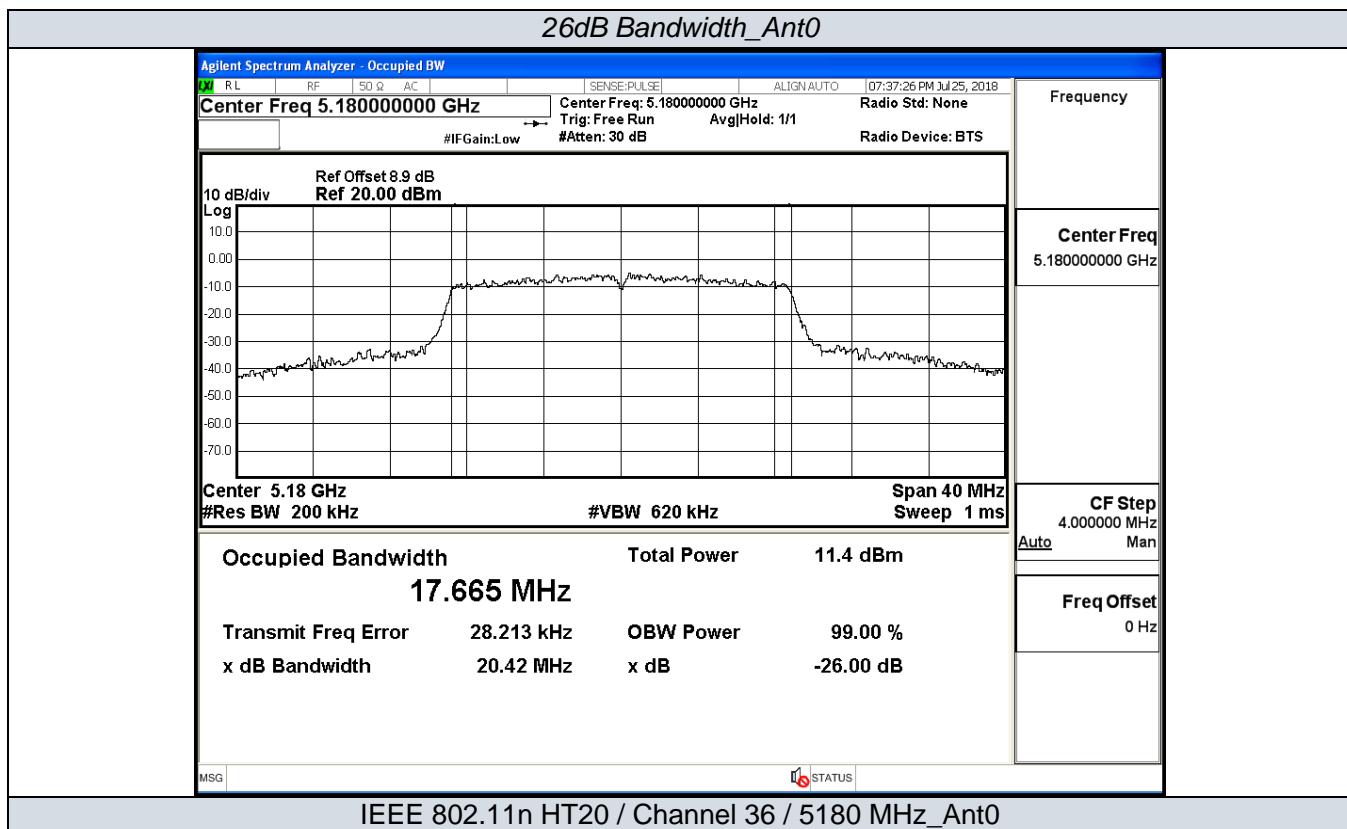
## IEEE 802.11a / Channel 36 / 5180 MHz\_Ant0



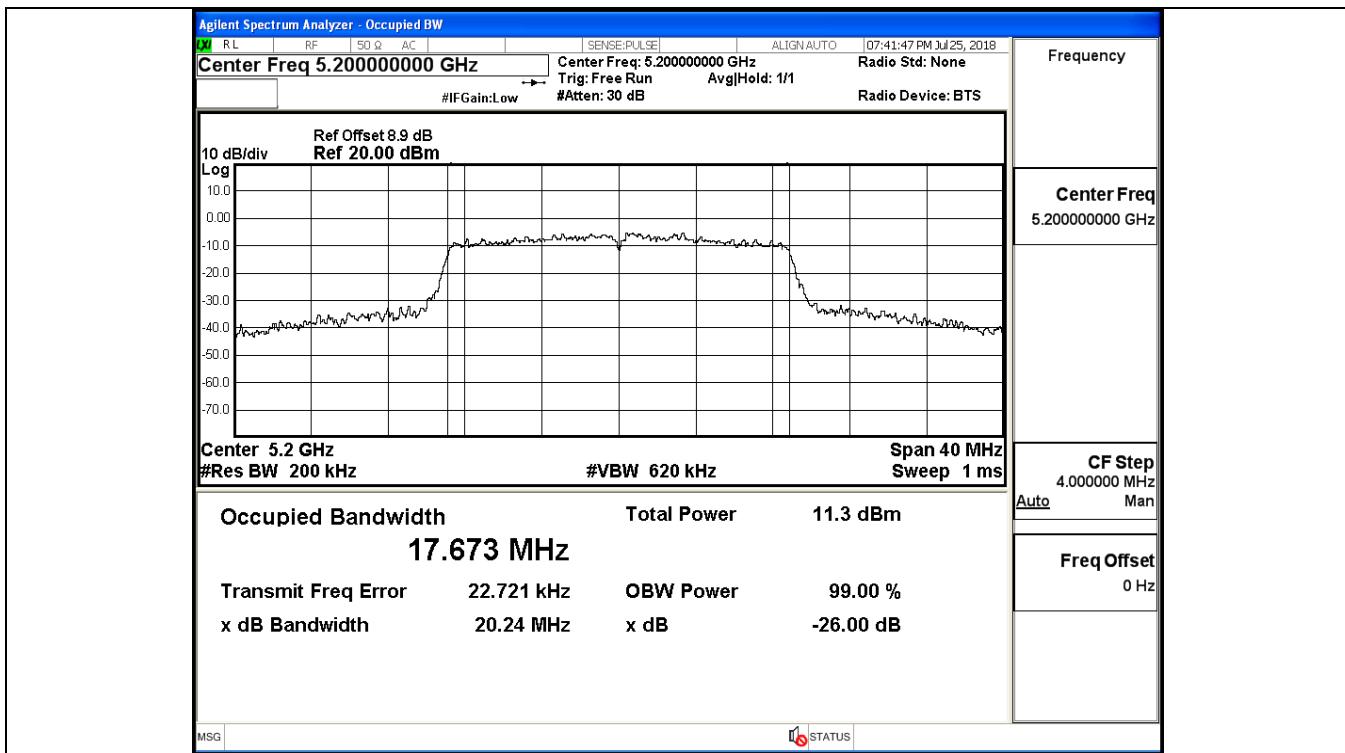
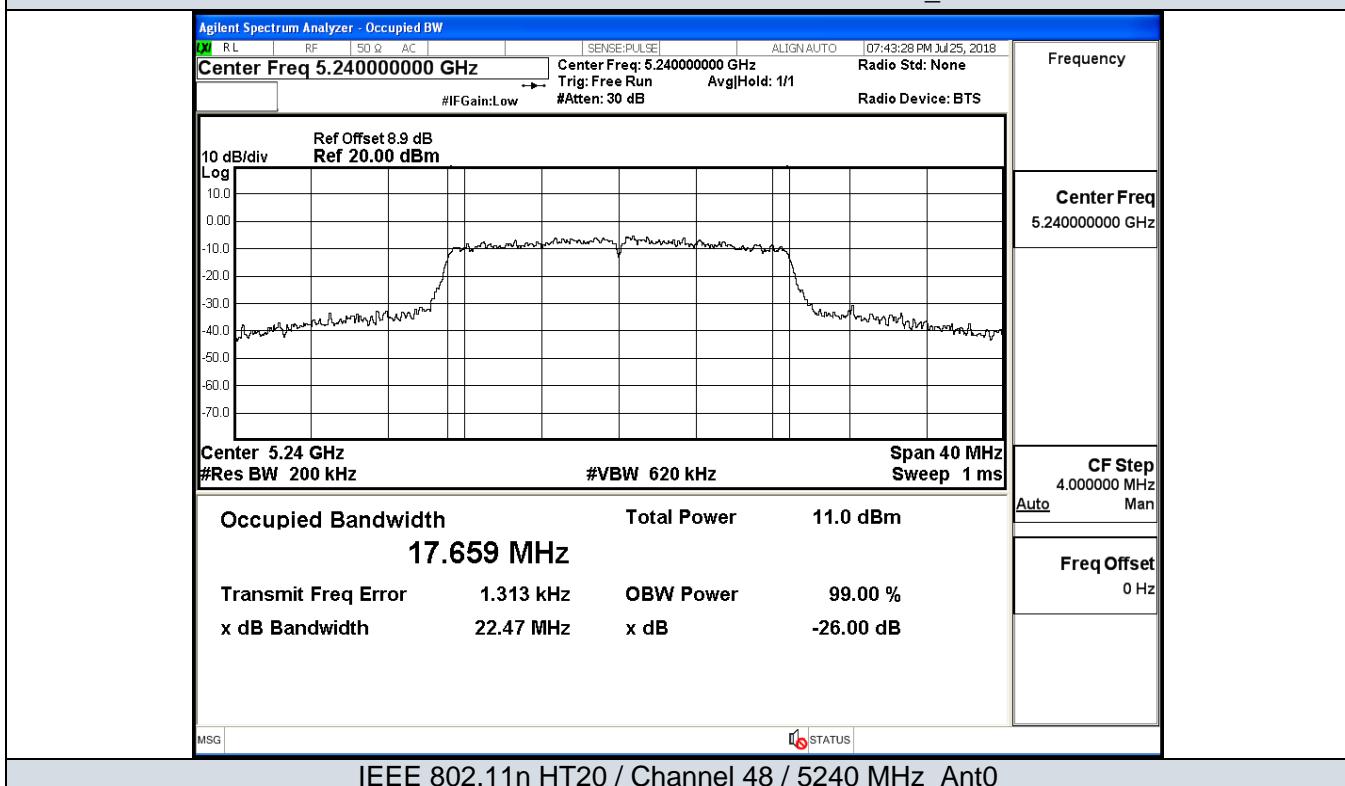
## IEEE 802.11a / Channel 40 / 5200 MHz\_Ant0



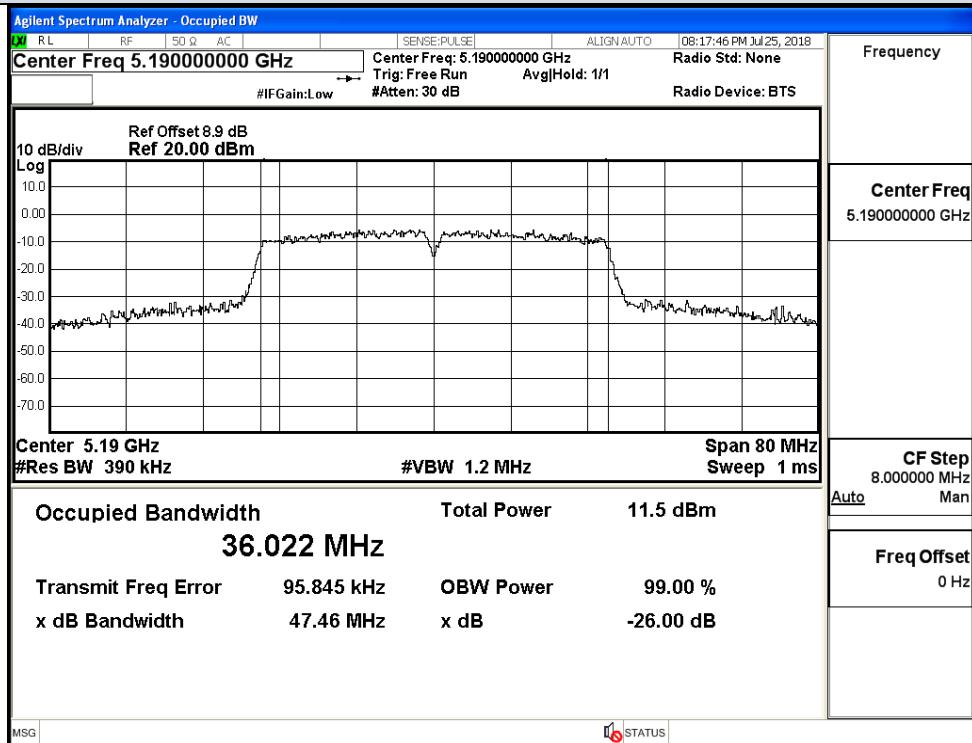
IEEE 802.11a / Channel 48 / 5240 MHz\_Ant0



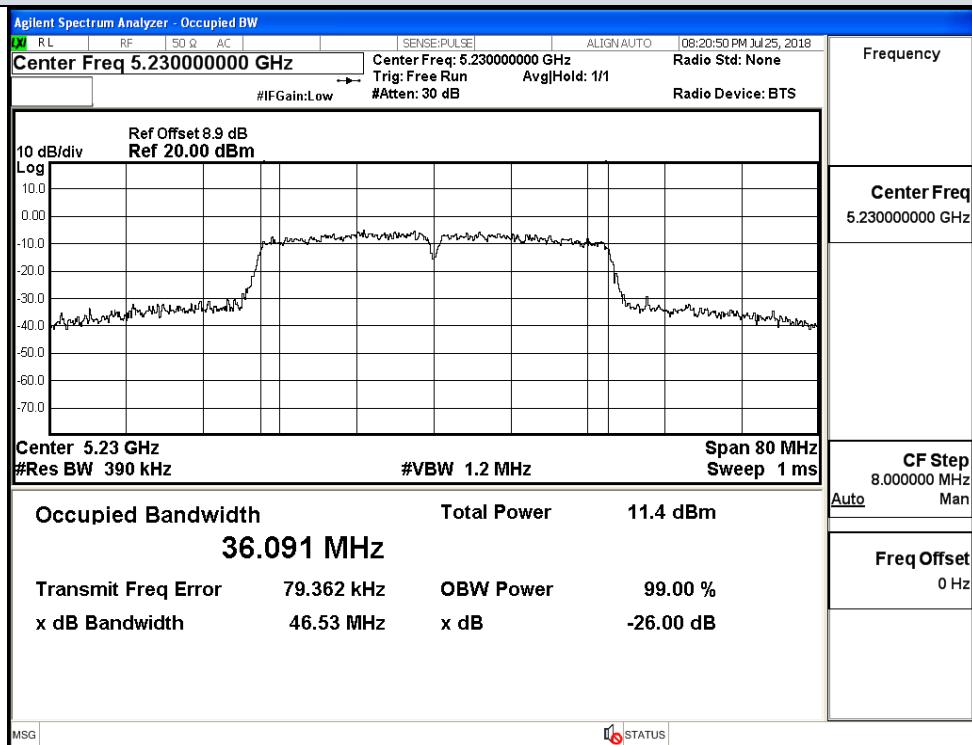
IEEE 802.11n HT20 / Channel 36 / 5180 MHz\_Ant0

**IEEE 802.11n HT20 / Channel 40 / 5200 MHz\_Ant0****IEEE 802.11n HT20 / Channel 48 / 5240 MHz\_Ant0**

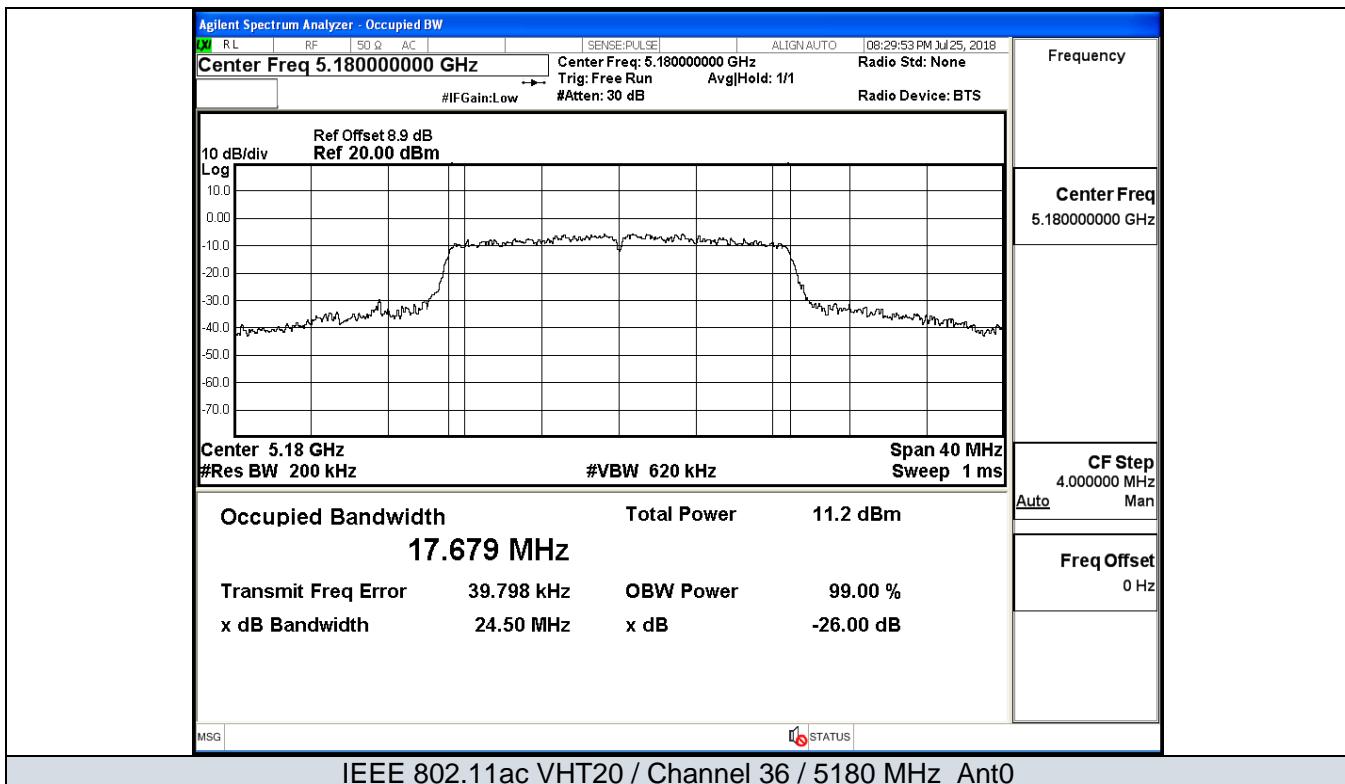
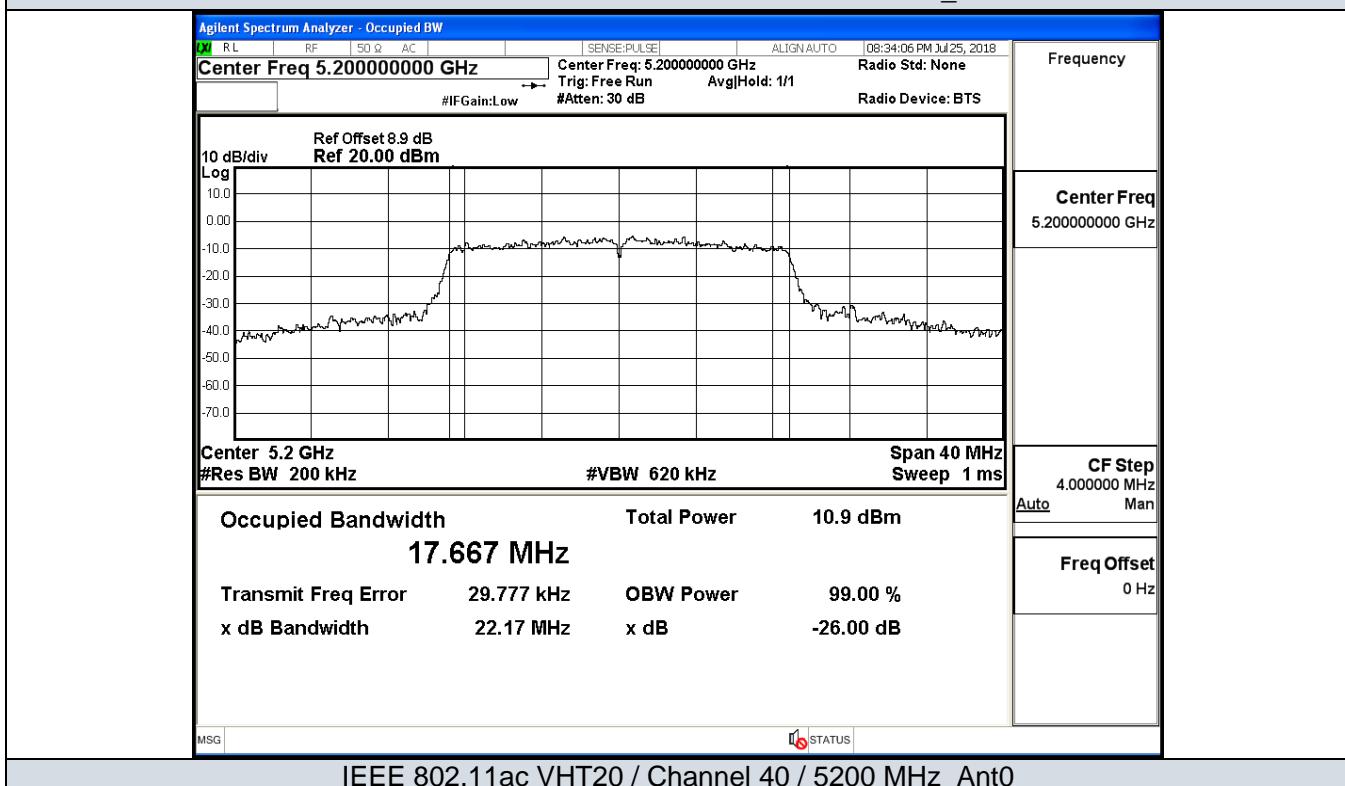
## 26dB Bandwidth\_Ant0

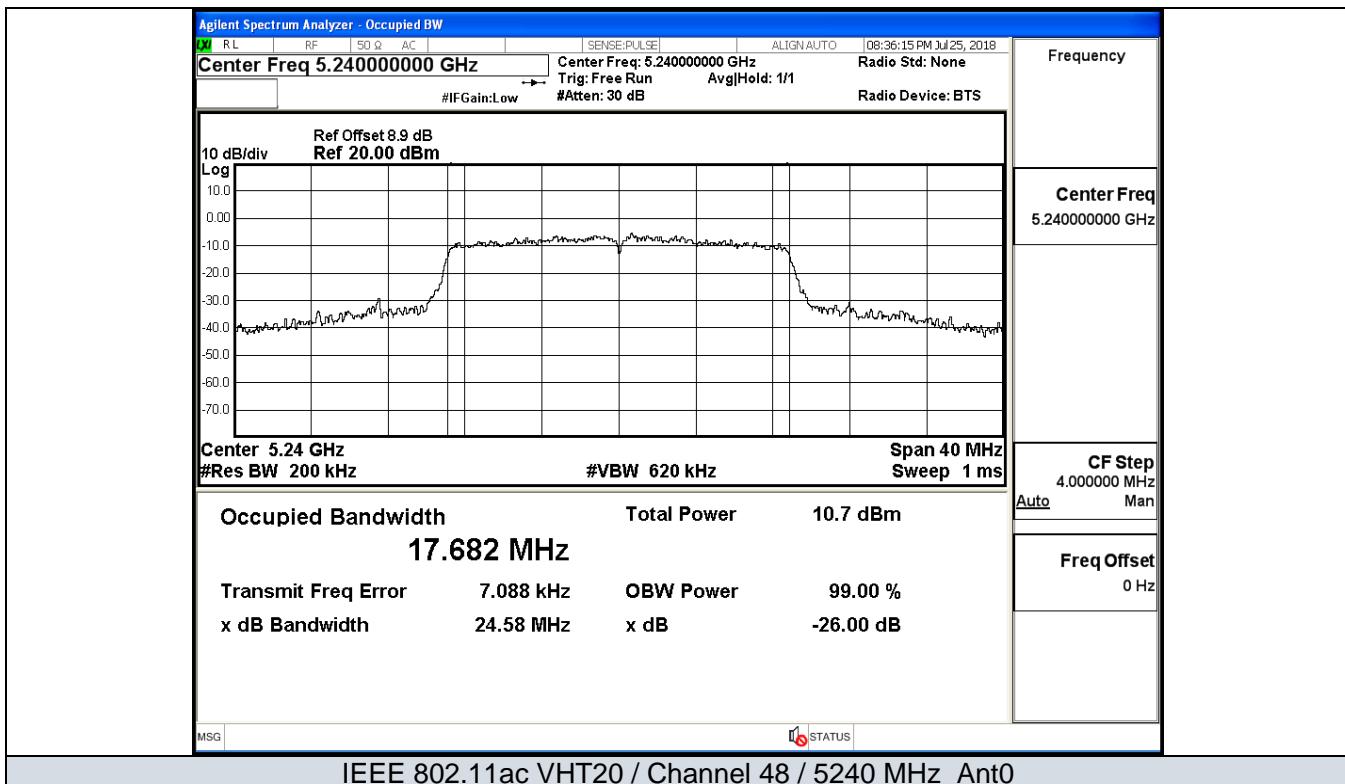
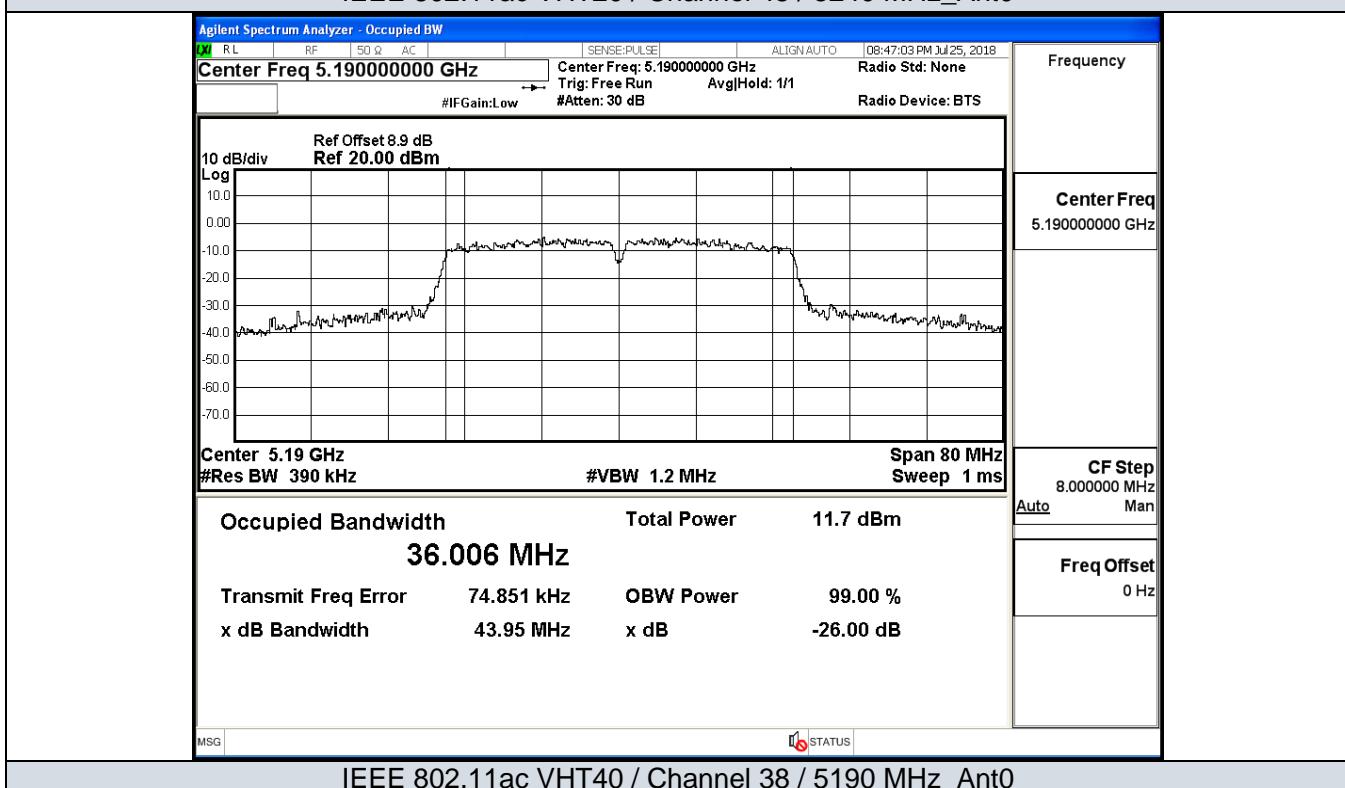


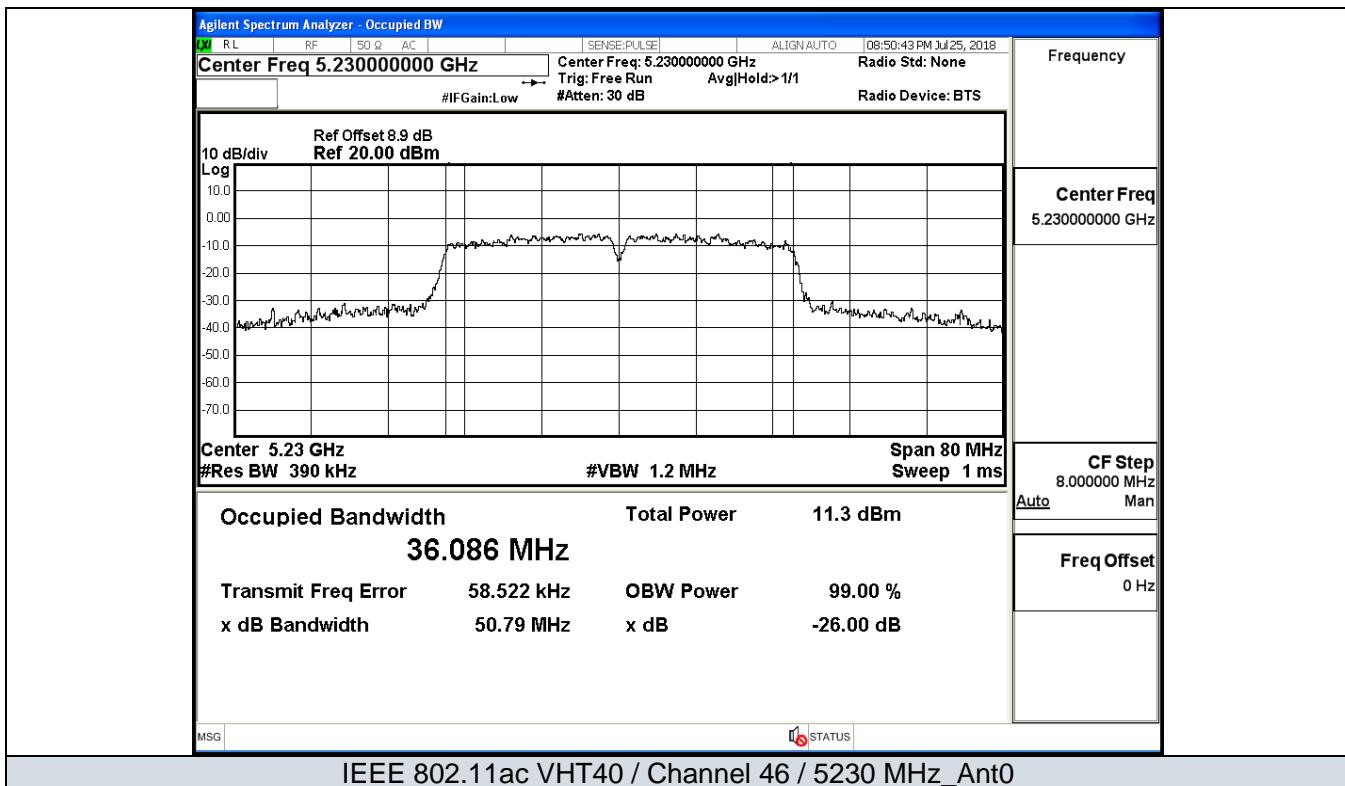
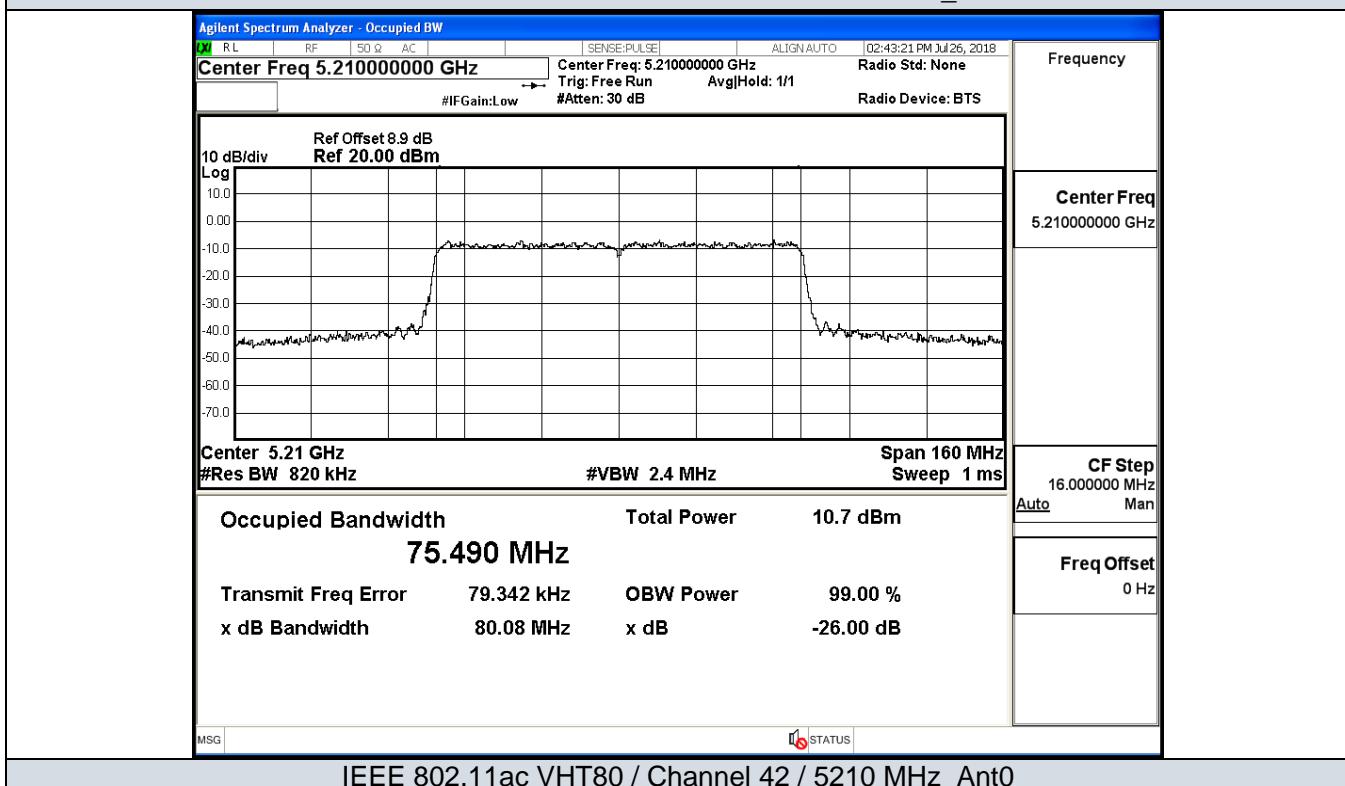
## IEEE 802.11n HT40 / Channel 38 / 5190 MHz\_Ant0



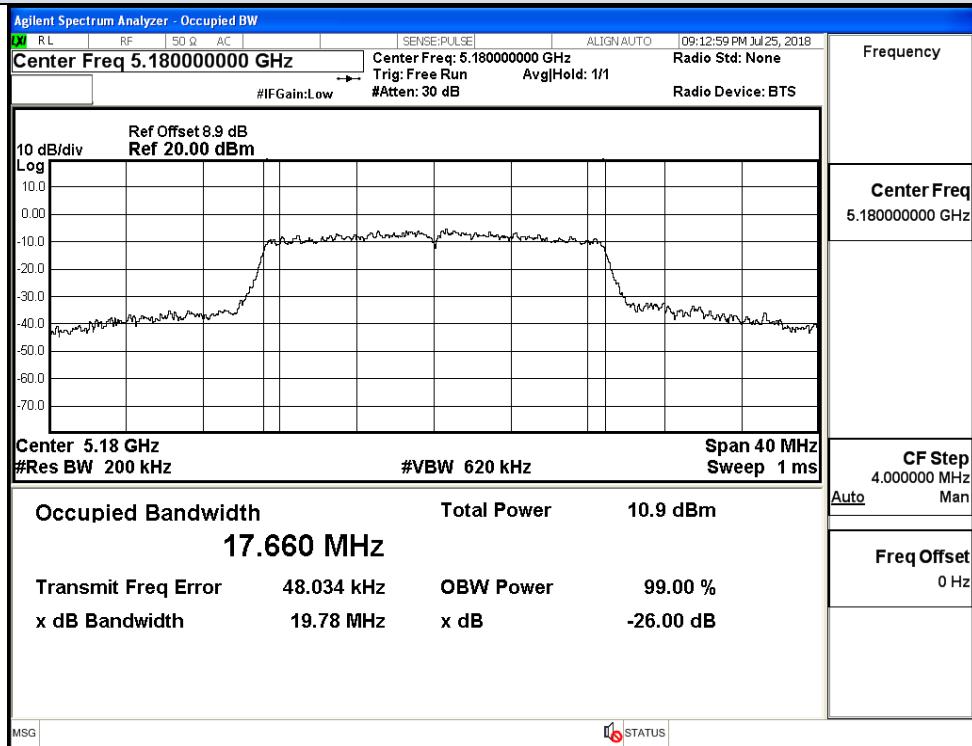
## IEEE 802.11n HT40 / Channel 46 / 5230 MHz\_Ant0

**IEEE 802.11ac VHT20 / Channel 36 / 5180 MHz\_Ant0****IEEE 802.11ac VHT20 / Channel 40 / 5200 MHz\_Ant0**

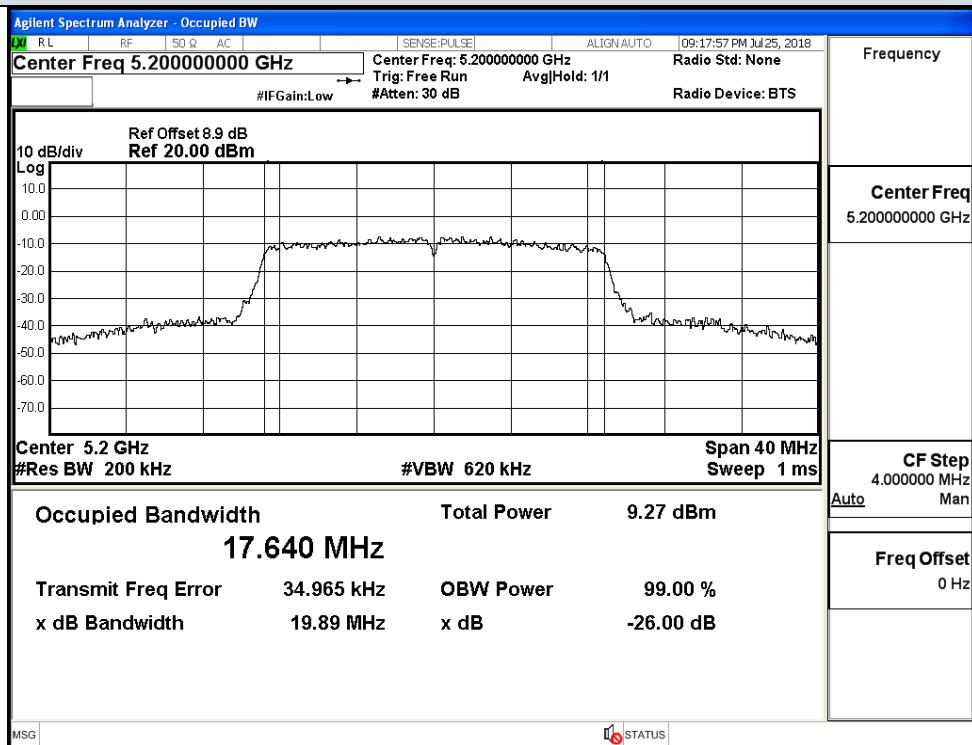
**IEEE 802.11ac VHT20 / Channel 48 / 5240 MHz\_Ant0****IEEE 802.11ac VHT40 / Channel 38 / 5190 MHz\_Ant0**

**IEEE 802.11ac VHT40 / Channel 46 / 5230 MHz\_Ant0****IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz\_Ant0**

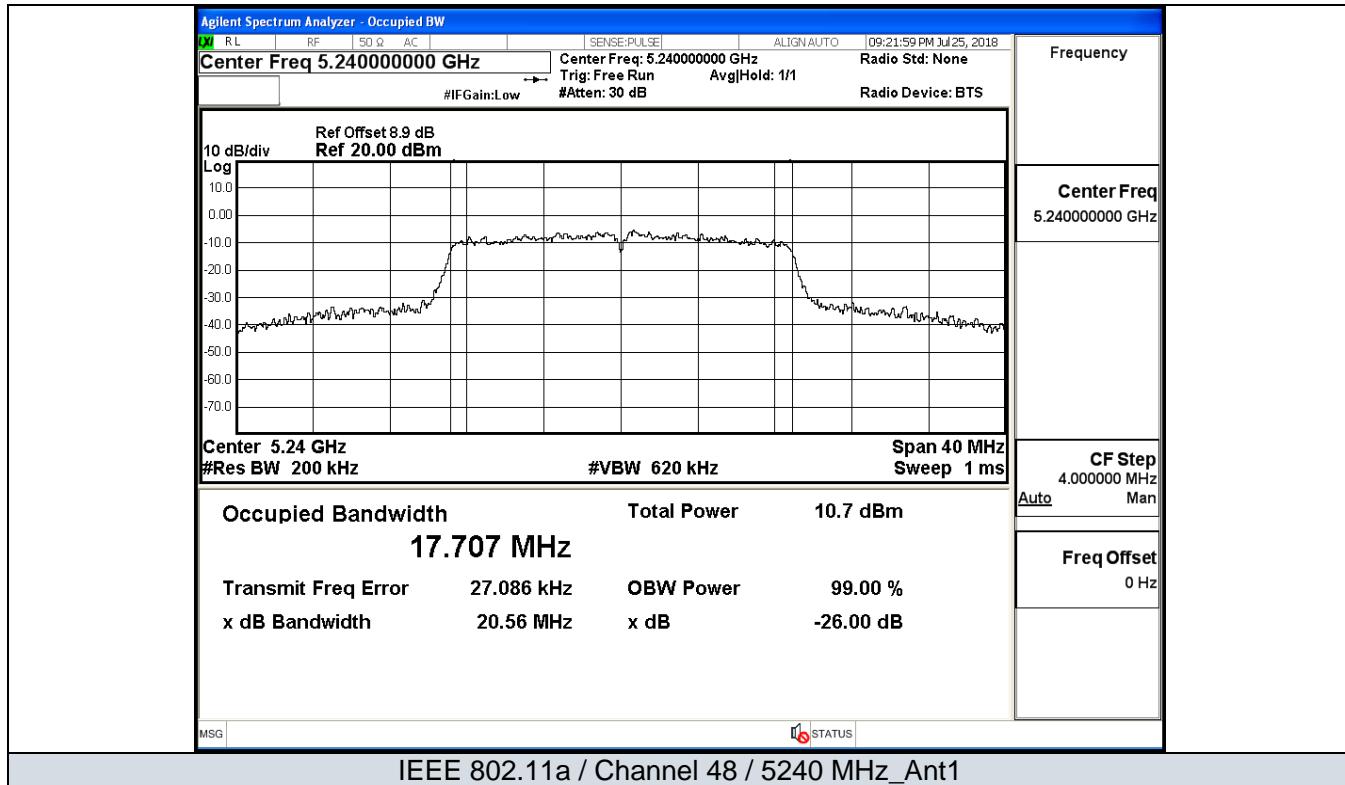
## 26dB Bandwidth\_Ant1



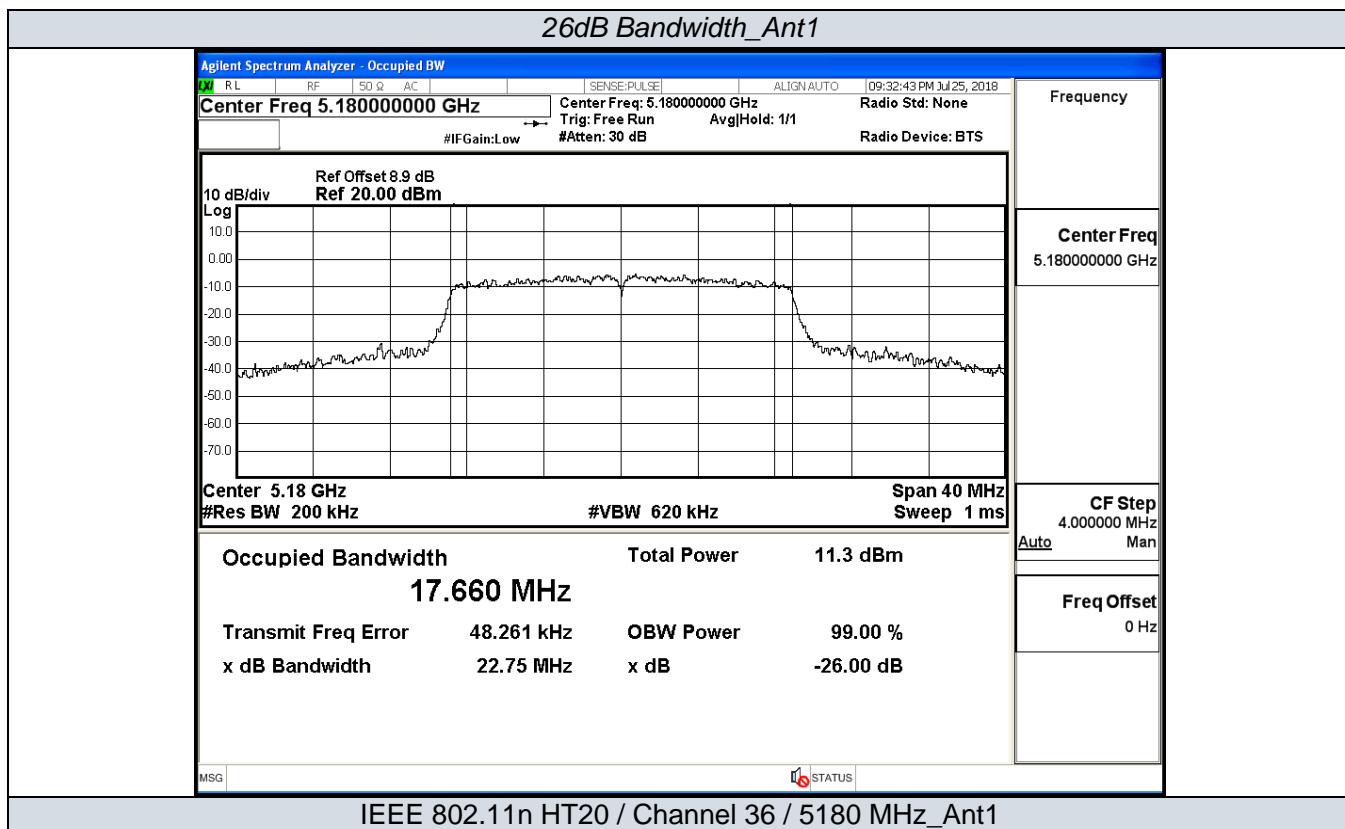
## IEEE 802.11a / Channel 36 / 5180 MHz\_Ant1



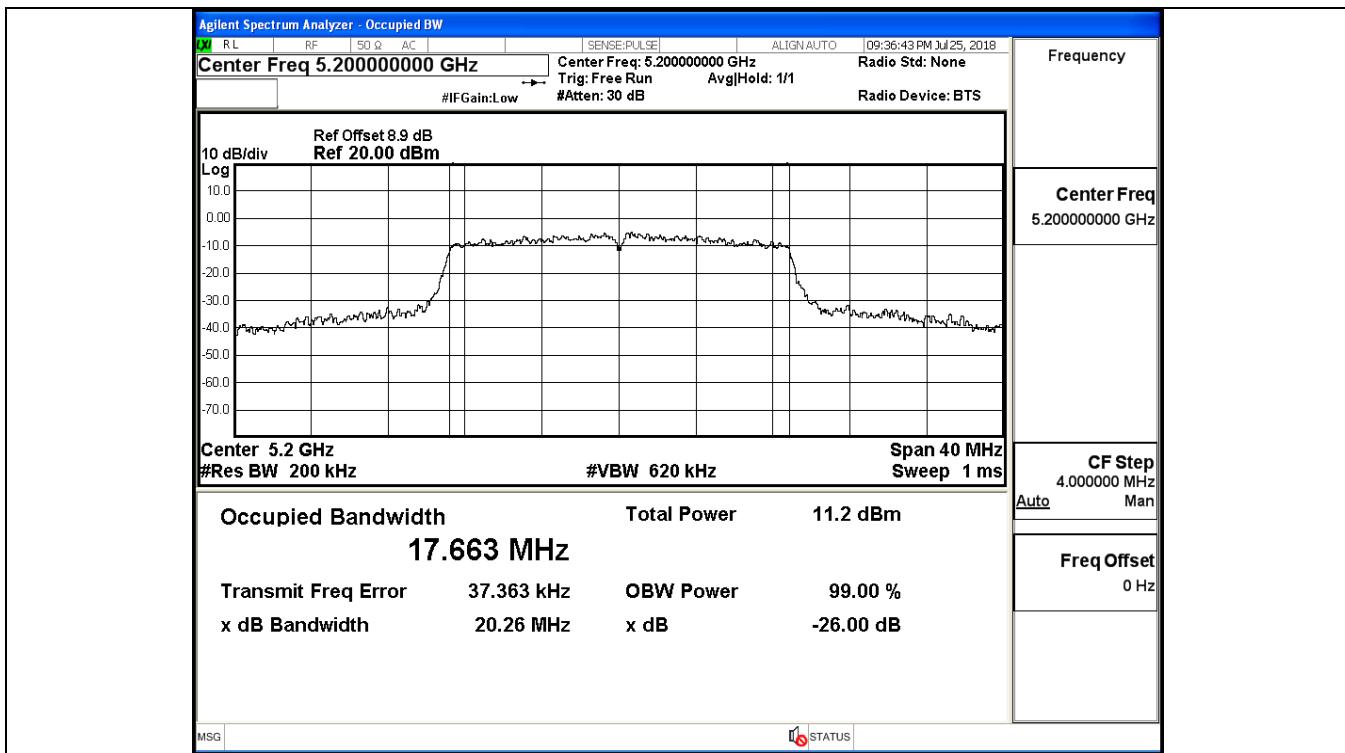
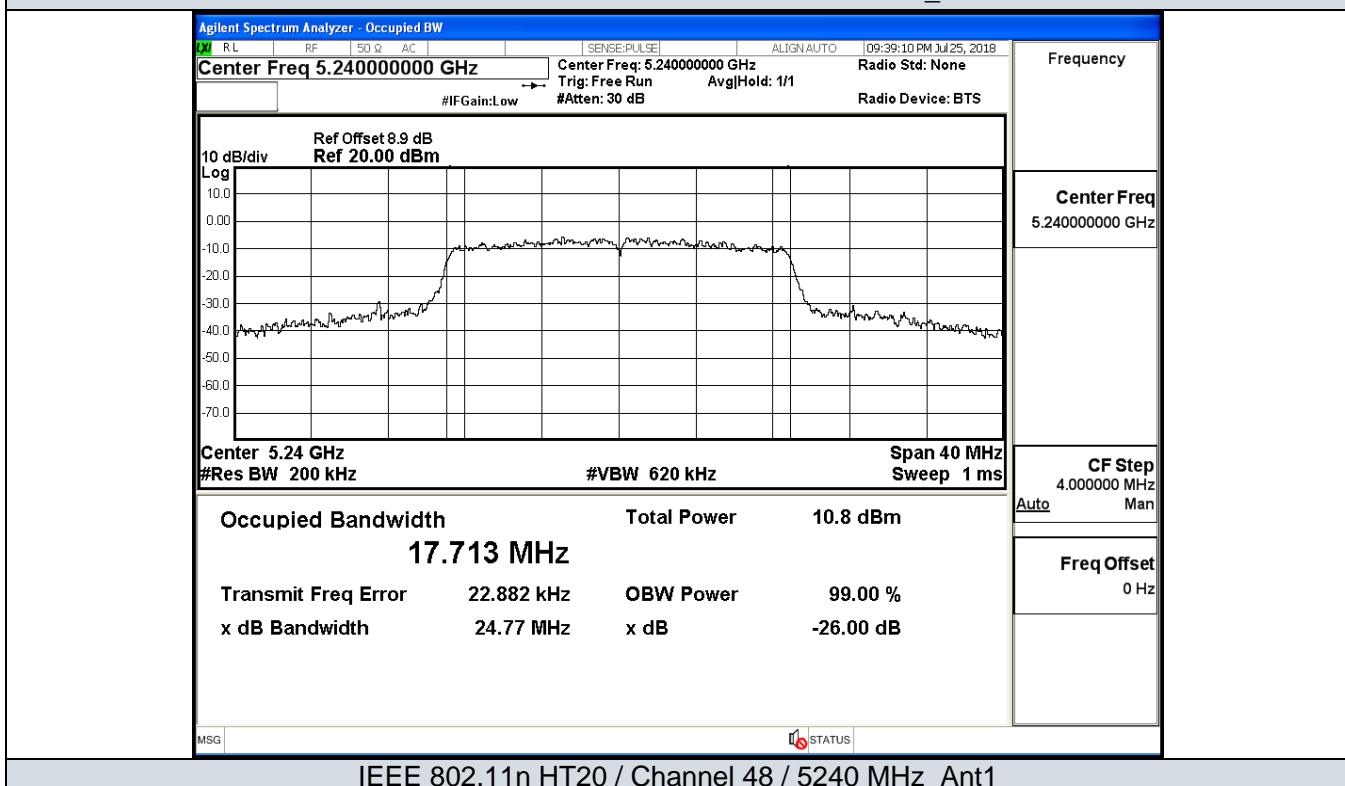
## IEEE 802.11a / Channel 40 / 5200 MHz\_Ant1



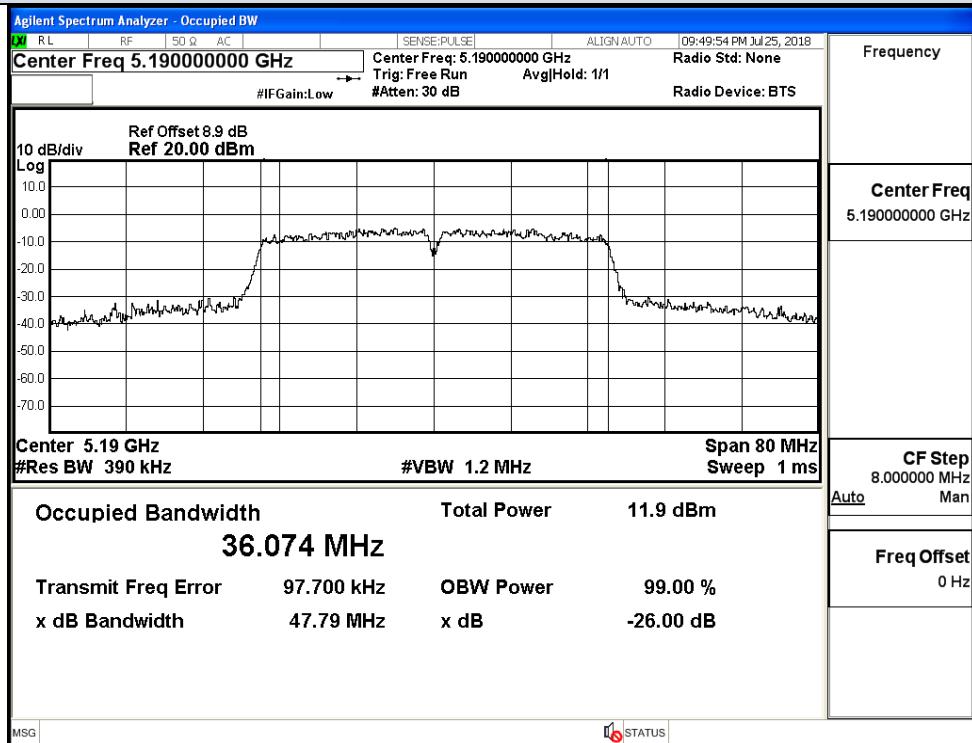
IEEE 802.11a / Channel 48 / 5240 MHz\_Ant1



IEEE 802.11n HT20 / Channel 36 / 5180 MHz\_Ant1

**IEEE 802.11n HT20 / Channel 40 / 5200 MHz\_Ant1****IEEE 802.11n HT20 / Channel 48 / 5240 MHz\_Ant1**

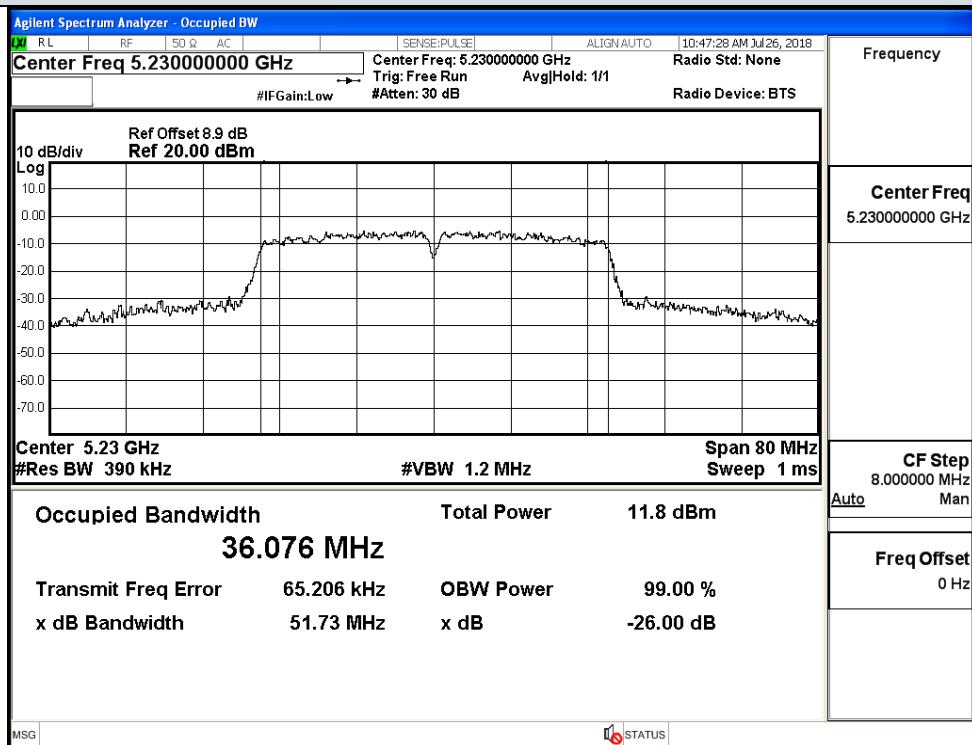
## 26dB Bandwidth\_Ant1



Frequency

Center Freq  
5.190000000 GHzCF Step  
8.000000 MHz  
Auto ManFreq Offset  
0 Hz

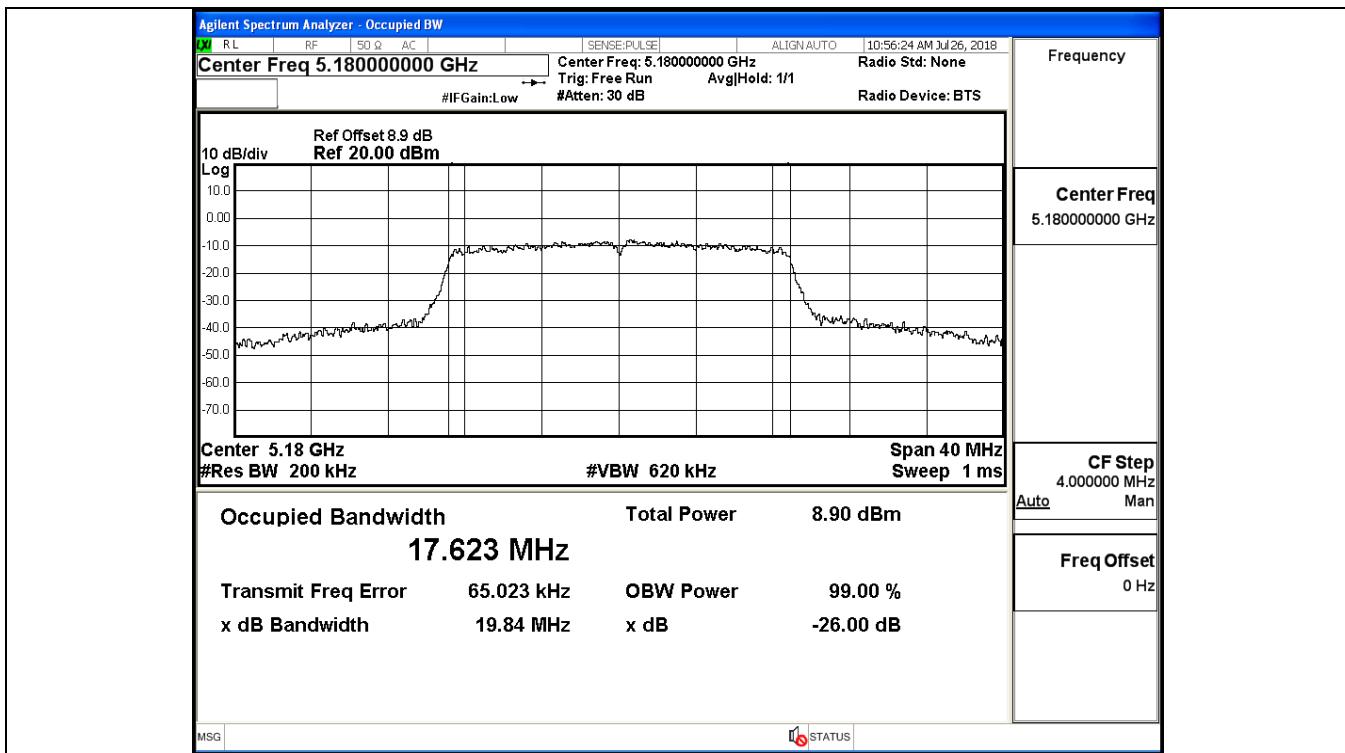
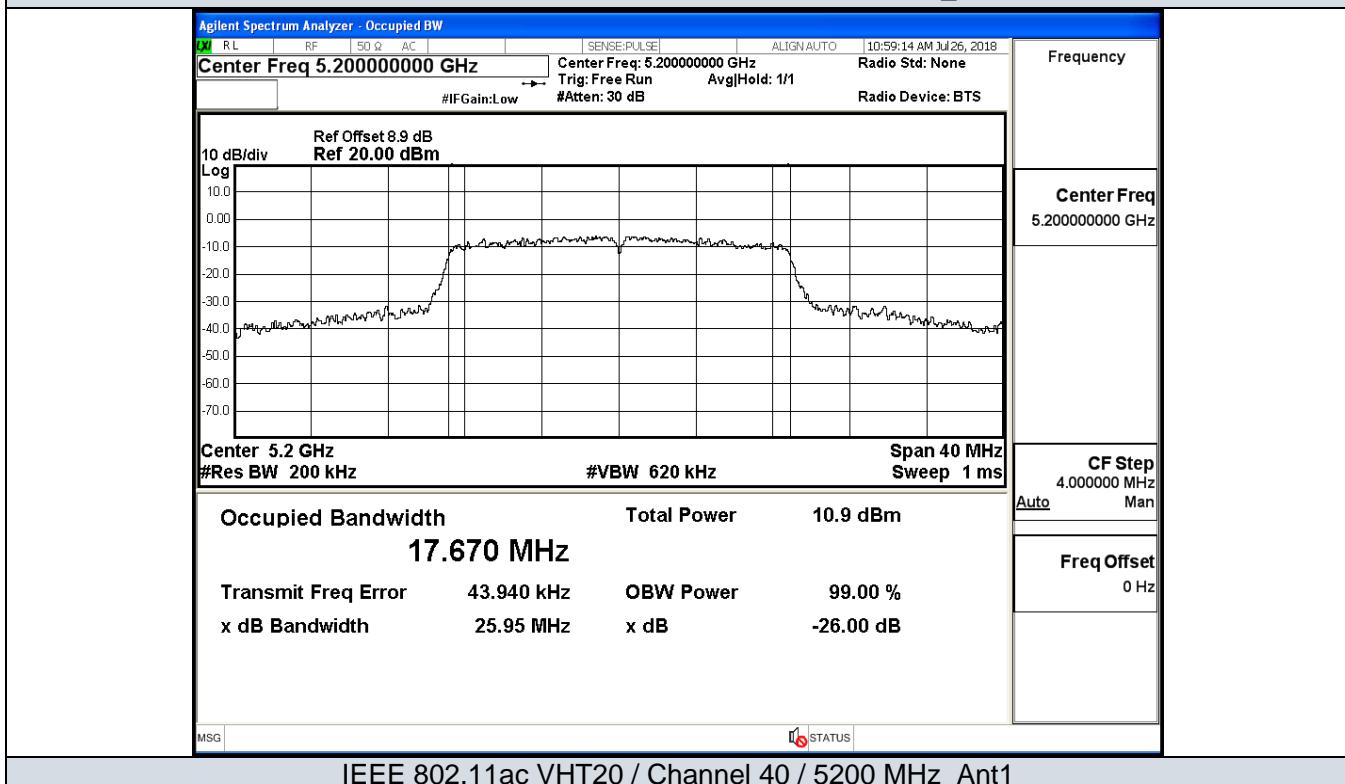
## IEEE 802.11n HT40 / Channel 38 / 5190 MHz\_Ant1

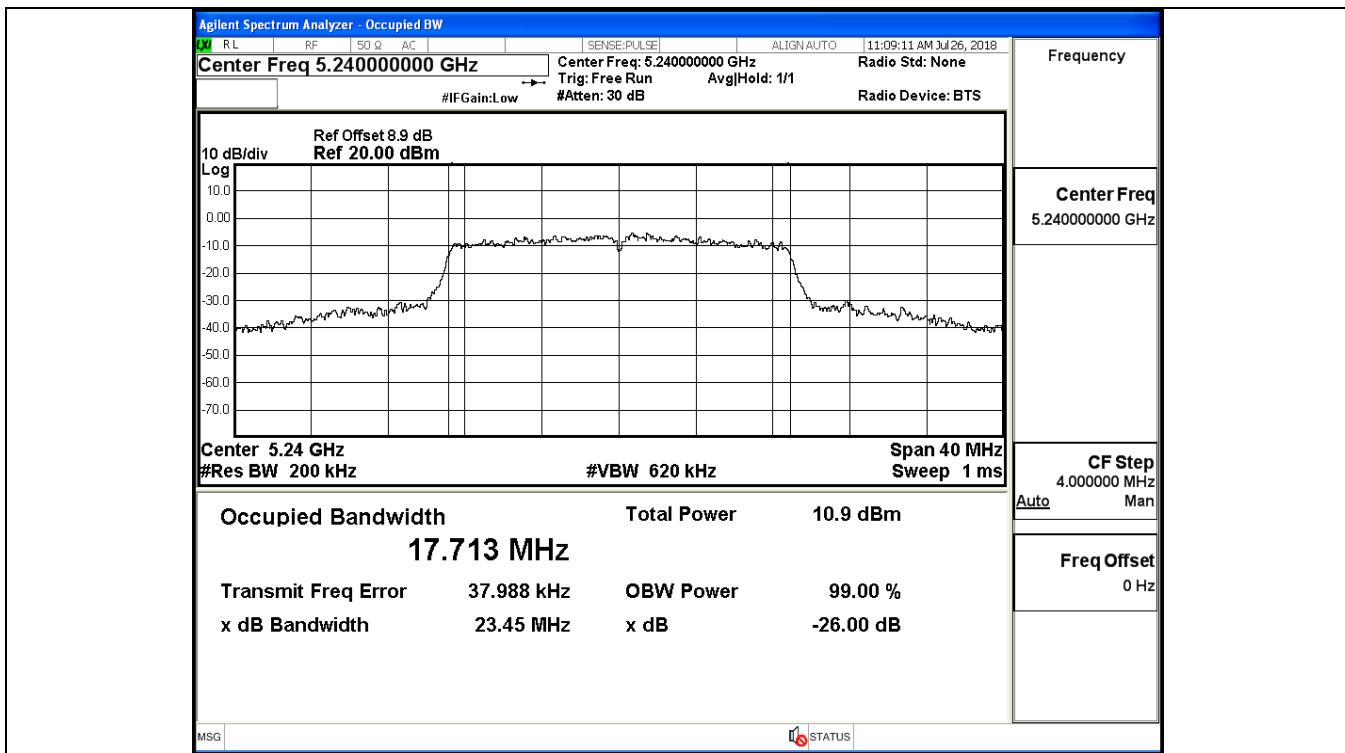
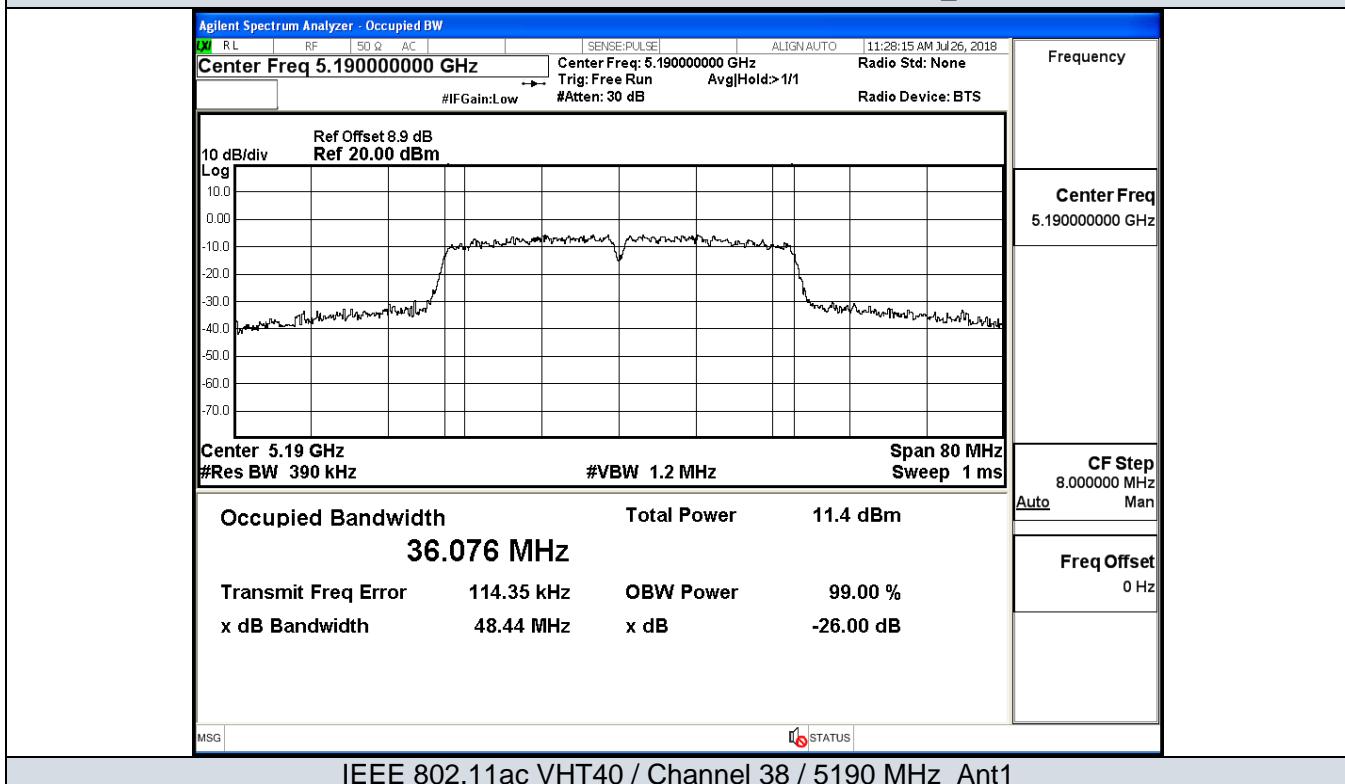


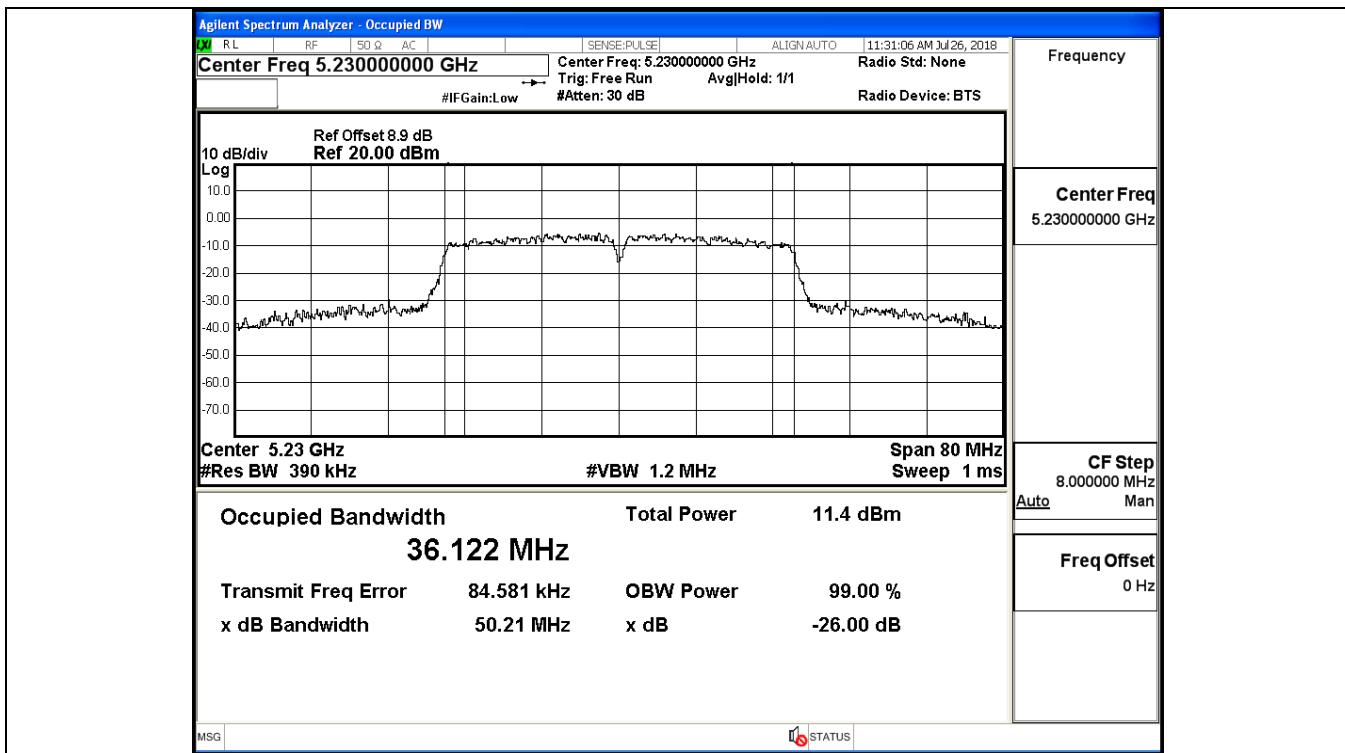
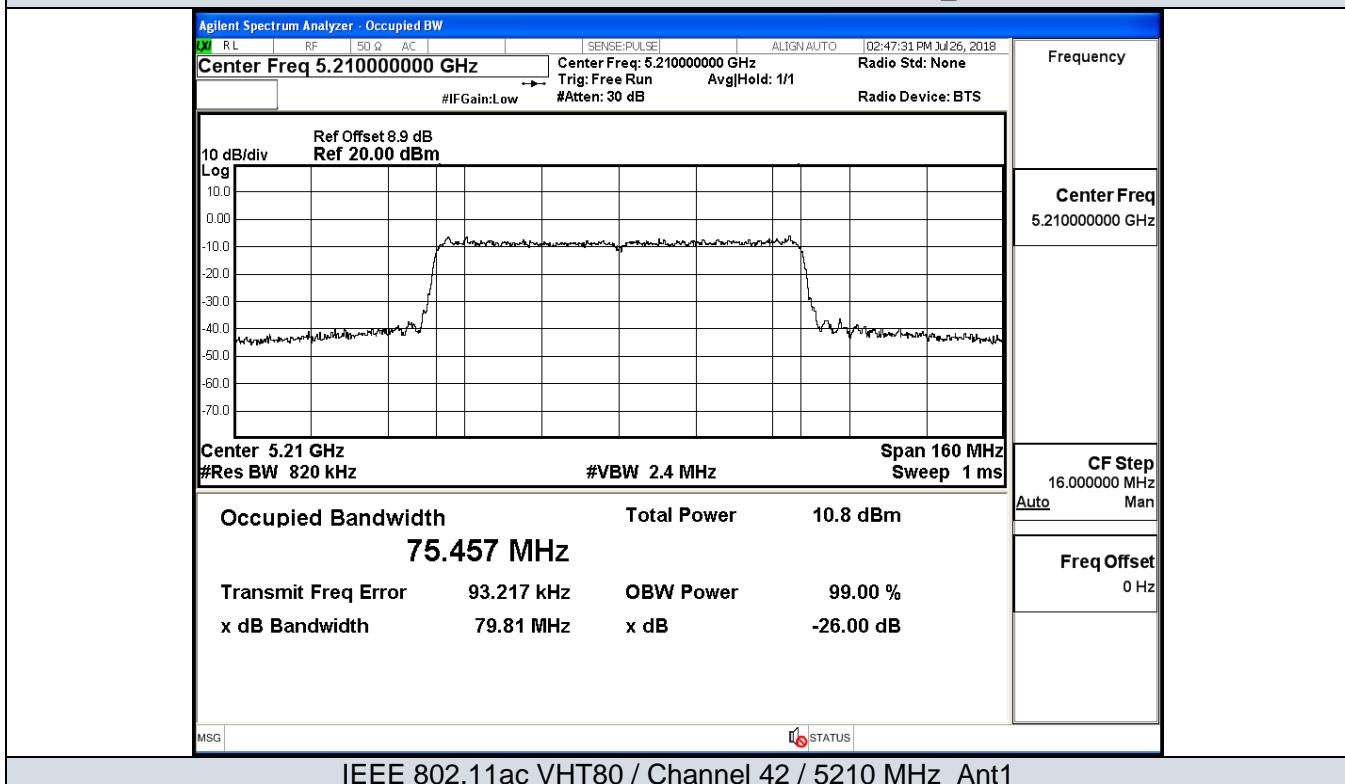
Frequency

Center Freq  
5.230000000 GHzCF Step  
8.000000 MHz  
Auto ManFreq Offset  
0 Hz

## IEEE 802.11n HT40 / Channel 46 / 5230 MHz\_Ant1

**IEEE 802.11ac VHT20 / Channel 36 / 5180 MHz\_Ant1****IEEE 802.11ac VHT20 / Channel 40 / 5200 MHz\_Ant1**

**IEEE 802.11ac VHT20 / Channel 48 / 5240 MHz\_Ant1****IEEE 802.11ac VHT40 / Channel 38 / 5190 MHz\_Ant1**

**IEEE 802.11ac VHT40 / Channel 46 / 5230 MHz\_Ant1****IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz\_Ant1**

## C.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	-50.835	2.500	0	46.893	Peak	68.20
		4500.0	-60.220	2.500	0	37.508	Average	54.00
		5150.0	-45.150	2.500	0	52.578	Peak	68.20
		5150.0	-56.051	2.500	0	41.677	Average	54.00
	48	5350.0	-48.734	2.500	0	48.994	Peak	68.20
		5350.0	-59.942	2.500	0	37.786	Average	54.00
		5460.0	-48.510	2.500	0	49.218	Peak	68.20
		5460.0	-60.476	2.500	0	37.252	Average	54.00
11N20	36	4500.0	-50.508	2.500	0	47.220	Peak	68.20
		4500.0	-60.214	2.500	0	37.514	Average	54.00
		5150.0	-41.920	2.500	0	55.808	Peak	68.20
		5150.0	-55.000	2.500	0	42.728	Average	54.00
	48	5350.0	-50.032	2.500	0	47.696	Peak	68.20
		5350.0	-59.971	2.500	0	37.757	Average	54.00
		5460.0	-50.569	2.500	0	47.159	Peak	68.20
		5460.0	-60.474	2.500	0	37.254	Average	54.00
11N40	38	4500.0	-49.123	2.500	0	48.605	Peak	68.20
		4500.0	-60.206	2.500	0	37.522	Average	54.00
		5150.0	-40.853	2.500	0	56.875	Peak	68.20
		5150.0	-51.390	2.500	0	46.338	Average	54.00
	46	5350.0	-48.624	2.500	0	49.104	Peak	68.20
		5350.0	-59.704	2.500	0	38.024	Average	54.00
		5460.0	-50.576	2.500	0	47.152	Peak	68.20
		5460.0	-60.186	2.500	0	37.542	Average	54.00
11AC20	36	4500.0	-51.010	2.500	0	46.718	Peak	68.20
		4500.0	-60.234	2.500	0	37.494	Average	54.00
		5150.0	-42.159	2.500	0	55.569	Peak	68.20
		5150.0	-54.971	2.500	0	42.757	Average	54.00
	48	4500.0	-49.397	2.500	0	48.331	Peak	68.20
		4500.0	-59.979	2.500	0	37.749	Average	54.00
		5150.0	-50.063	2.500	0	47.665	Peak	68.20
		5150.0	-60.453	2.500	0	37.275	Average	54.00
11AC40	38	4500.0	-50.020	2.500	0	47.708	Peak	68.20
		4500.0	-60.224	2.500	0	37.504	Average	54.00
		5150.0	-39.994	2.500	0	57.734	Peak	68.20
		5150.0	-50.640	2.500	0	47.088	Average	54.00
	46	5350.0	-49.463	2.500	0	48.265	Peak	68.20
		5350.0	-59.689	2.500	0	38.039	Average	54.00
		5460.0	-48.342	2.500	0	49.386	Peak	68.20
		5460.0	-60.180	2.500	0	37.548	Average	54.00
11AC80	42	4500.0	-49.458	2.500	0	48.270	Peak	68.20
		5150.0	-60.163	2.500	0	37.565	Average	54.00
		4500.0	-43.153	2.500	0	54.575	Peak	68.20

		5150.0	-51.929	2.500	0	45.799	Average	54.00
		5350.0	-48.665	2.500	0	49.063	Peak	68.20
		5460.0	-57.918	2.500	0	39.810	Average	54.00
		5350.0	-49.216	2.500	0	48.512	Peak	68.20
		5460.0	-58.857	2.500	0	38.871	Average	54.00

**Antenna 1**

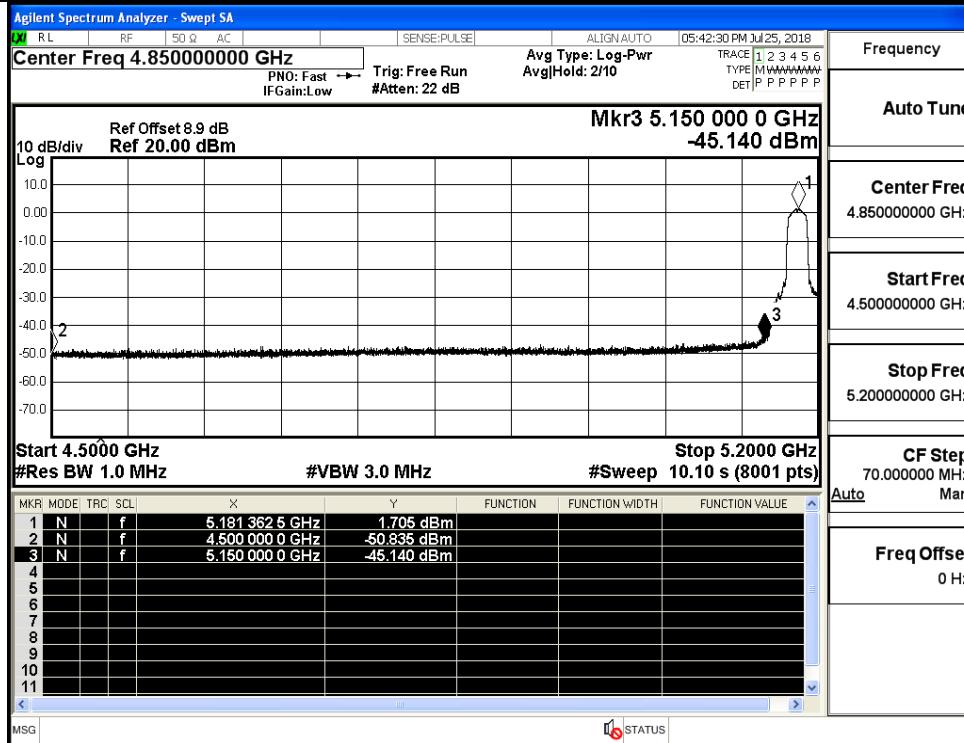
Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	Ground Reflection Factor (dB)	Covert Radiated E Level At 3m (dBuV/m)	Detector	Limit (dBuV/m)
11A	36	4500.0	-50.345	2.500	0	47.383	Peak	68.20
		4500.0	-60.221	2.500	0	37.507	Average	54.00
		5150.0	-41.846	2.500	0	55.882	Peak	68.20
		5150.0	-55.012	2.500	0	42.716	Average	54.00
	48	5350.0	-49.854	2.500	0	47.874	Peak	68.20
		5350.0	-60.020	2.500	0	37.708	Average	54.00
		5460.0	-49.864	2.500	0	47.864	Peak	68.20
		5460.0	-60.491	2.500	0	37.237	Average	54.00
11N20	36	4500.0	-49.924	2.500	0	47.804	Peak	68.20
		4500.0	-60.178	2.500	0	37.550	Average	54.00
		5150.0	-41.899	2.500	0	55.829	Peak	68.20
		5150.0	-54.924	2.500	0	42.804	Average	54.00
	48	5350.0	-49.746	2.500	0	47.982	Peak	68.20
		5350.0	-59.983	2.500	0	37.745	Average	54.00
		5460.0	-50.210	2.500	0	47.518	Peak	68.20
		5460.0	-60.480	2.500	0	37.248	Average	54.00
11N40	38	4500.0	-50.214	2.500	0	47.514	Peak	68.20
		4500.0	-60.212	2.500	0	37.516	Average	54.00
		5150.0	-40.547	2.500	0	57.181	Peak	68.20
		5150.0	-48.558	2.500	0	49.170	Average	54.00
	46	5350.0	-49.939	2.500	0	47.789	Peak	68.20
		5350.0	-59.929	2.500	0	37.799	Average	54.00
		5460.0	-49.269	2.500	0	48.459	Peak	68.20
		5460.0	-60.092	2.500	0	37.636	Average	54.00
11AC20	36	4500.0	-49.387	2.500	0	48.341	Peak	68.20
		4500.0	-60.137	2.500	0	37.591	Average	54.00
		5150.0	-47.768	2.500	0	49.960	Peak	68.20
		5150.0	-56.981	2.500	0	40.747	Average	54.00
	48	4500.0	-49.712	2.500	0	48.016	Peak	68.20
		4500.0	-59.871	2.500	0	37.857	Average	54.00
		5150.0	-46.752	2.500	0	50.976	Peak	68.20
		5150.0	-60.427	2.500	0	37.301	Average	54.00
11AC40	38	4500.0	-50.370	2.500	0	47.358	Peak	68.20
		4500.0	-60.200	2.500	0	37.528	Average	54.00
		5150.0	-38.266	2.500	0	59.462	Peak	68.20
		5150.0	-48.610	2.500	0	49.118	Average	54.00
	46	5350.0	-45.199	2.500	0	52.529	Peak	68.20
		5350.0	-59.641	2.500	0	38.087	Average	54.00
		5460.0	-51.126	2.500	0	46.602	Peak	68.20
		5460.0	-60.158	2.500	0	37.570	Average	54.00
11AC80	42	4500.0	-50.957	2.500	0	46.771	Peak	68.20
		5150.0	-60.133	2.500	0	37.595	Average	54.00
		4500.0	-41.764	2.500	0	55.964	Peak	68.20
		5150.0	-51.853	2.500	0	45.875	Average	54.00
		5350.0	-47.905	2.500	0	49.823	Peak	68.20

		5460.0	-57.906	2.500	0	39.822	Average	54.00
		5350.0	-49.578	2.500	0	48.150	Peak	68.20
		5460.0	-58.838	2.500	0	38.890	Average	54.00

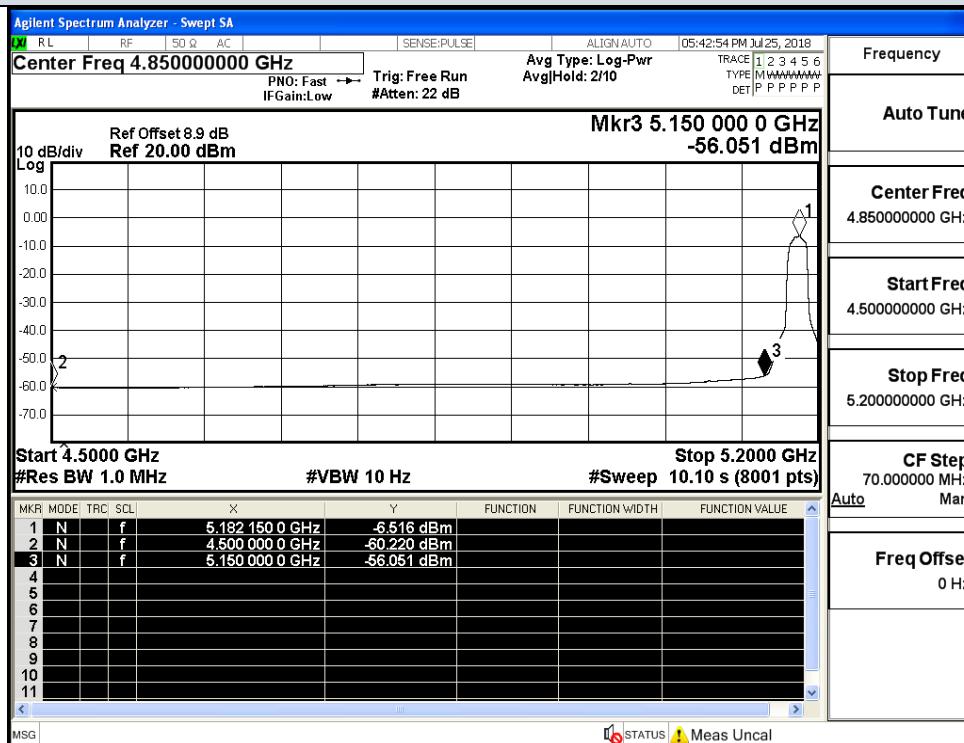
**Antenna 0+Antenna 1**

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)			Directional Antenna Gain (dBi)	Ground Reflection Factor (dB)	Covert Radiated E Level At 3m (dBuV/m)	Detector	Limit (dBuV/m)
			Ant0	Ant1	Sum					
11N20	36	4500.0	-50.508	-49.924	-47.196	5.510	0	53.542	Peak	68.20
		4500.0	-60.214	-60.178	-57.186	5.510	0	43.552	Average	54.00
		5150.0	-41.920	-41.899	-38.899	5.510	0	61.839	Peak	68.20
		5150.0	-55.000	-54.924	-51.952	5.510	0	48.786	Average	54.00
	48	5350.0	-50.032	-49.746	-46.876	5.510	0	53.862	Peak	68.20
		5350.0	-59.971	-59.983	-56.967	5.510	0	43.771	Average	54.00
		5460.0	-50.569	-50.210	-47.375	5.510	0	53.363	Peak	68.20
		5460.0	-60.474	-60.480	-57.467	5.510	0	43.271	Average	54.00
11N40	38	4500.0	-49.123	-50.214	-46.624	5.510	0	54.114	Peak	68.20
		4500.0	-60.206	-60.212	-57.199	5.510	0	43.539	Average	54.00
		5150.0	-40.853	-40.547	-37.687	5.510	0	63.051	Peak	68.20
		5150.0	-51.390	-48.558	-46.737	5.510	0	54.001	Average	54.00
	46	5350.0	-48.624	-49.939	-46.222	5.510	0	54.516	Peak	68.20
		5350.0	-59.704	-59.929	-56.805	5.510	0	43.933	Average	54.00
		5460.0	-50.576	-49.269	-46.863	5.510	0	53.875	Peak	68.20
		5460.0	-60.186	-60.092	-57.128	5.510	0	43.610	Average	54.00
11AC20	36	4500.0	-51.010	-49.387	-47.113	5.510	0	53.625	Peak	68.20
		4500.0	-60.234	-60.137	-57.175	5.510	0	43.563	Average	54.00
		5150.0	-42.159	-47.768	-41.104	5.510	0	59.634	Peak	68.20
		5150.0	-54.971	-56.981	-52.850	5.510	0	47.888	Average	54.00
	48	4500.0	-49.397	-49.712	-46.541	5.510	0	54.197	Peak	68.20
		4500.0	-59.979	-59.871	-56.914	5.510	0	43.824	Average	54.00
		5150.0	-50.063	-46.752	-45.089	5.510	0	55.649	Peak	68.20
		5150.0	-60.453	-60.427	-57.430	5.510	0	43.308	Average	54.00
11AC40	38	4500.0	-50.020	-50.370	-47.181	5.510	0	53.557	Peak	68.20
		4500.0	-60.224	-60.200	-57.202	5.510	0	43.536	Average	54.00
		5150.0	-39.994	-38.266	-36.034	5.510	0	64.704	Peak	68.20
		5150.0	-50.640	-48.610	-46.497	5.510	0	54.241	Average	54.00
	46	5350.0	-49.463	-45.199	-43.817	5.510	0	56.921	Peak	68.20
		5350.0	-59.689	-59.641	-56.655	5.510	0	44.083	Average	54.00
		5460.0	-48.342	-51.126	-46.504	5.510	0	54.234	Peak	68.20
		5460.0	-60.180	-60.158	-57.159	5.510	0	43.579	Average	54.00
11AC80	42	4500.0	-49.458	-50.957	-47.133	5.510	0	53.605	Peak	68.20
		5150.0	-60.163	-60.133	-57.138	5.510	0	43.600	Average	54.00
		4500.0	-43.153	-41.764	-39.393	5.510	0	61.345	Peak	68.20
		5150.0	-51.929	-51.853	-48.881	5.510	0	51.857	Average	54.00
		5350.0	-48.665	-47.905	-45.258	5.510	0	55.480	Peak	68.20
		5460.0	-57.918	-57.906	-54.902	5.510	0	45.836	Average	54.00
		5350.0	-49.216	-49.578	-46.383	5.510	0	54.355	Peak	68.20
		5460.0	-58.857	-58.838	-55.837	5.510	0	44.901	Average	54.00

## Undesirable Emissions Measurement\_Ant0

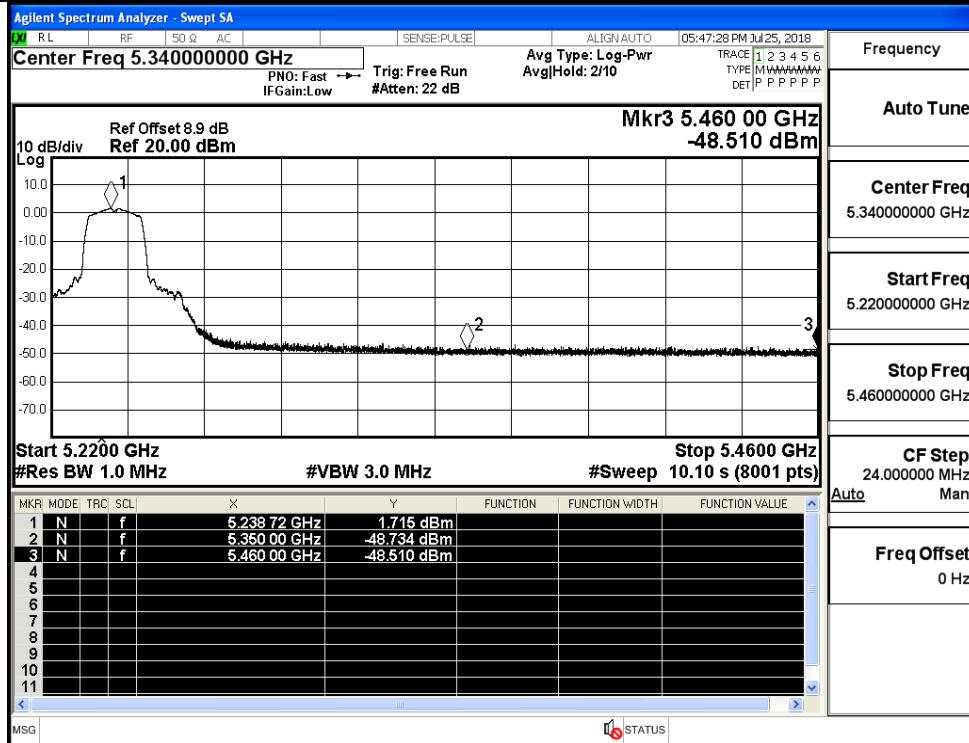


## IEEE 802.11a / Channel 36 / 5180 MHz / Peak\_Ant0

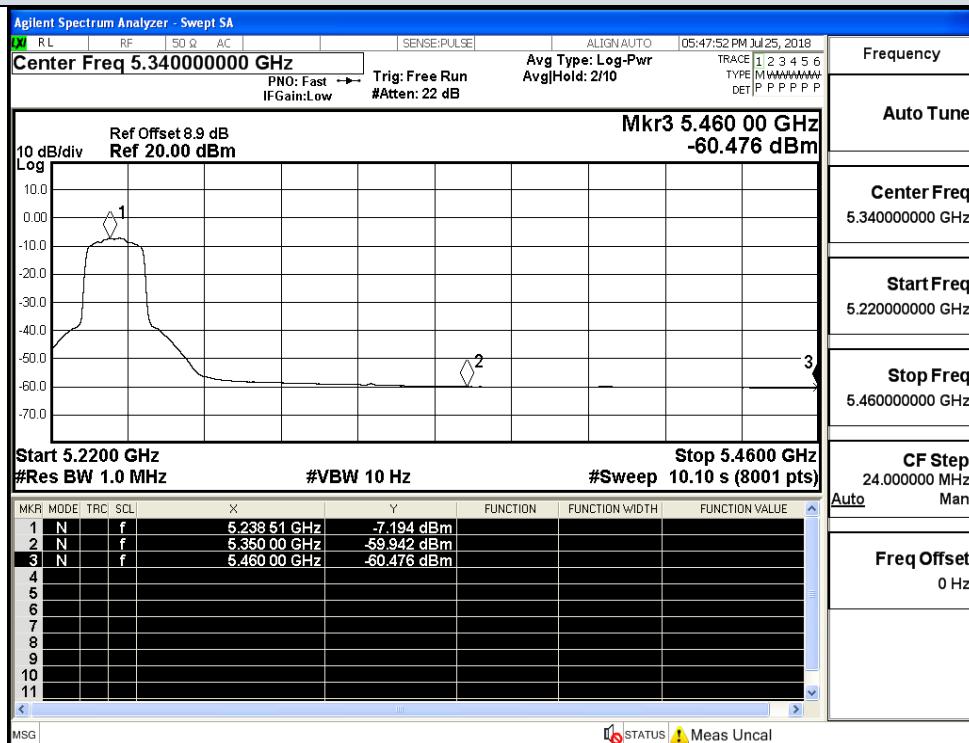


## IEEE 802.11a / Channel 36 / 5180 MHz / Average\_Ant0

## Undesirable Emissions Measurement\_Ant0

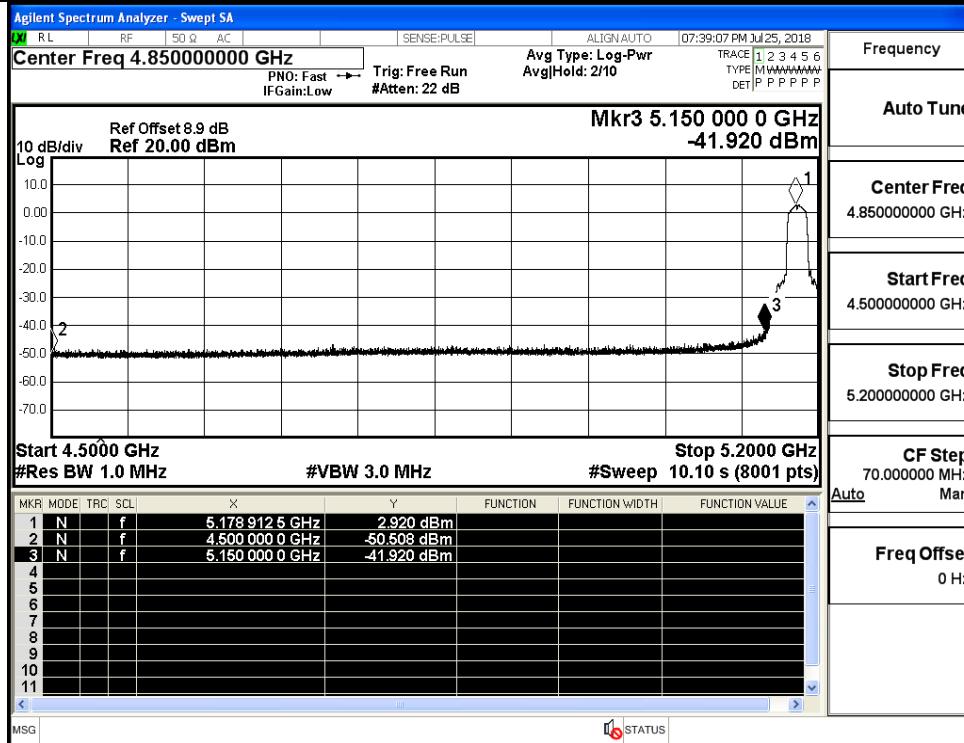


## IEEE 802.11a / Channel 48 / 5240 MHz / Peak\_Ant0

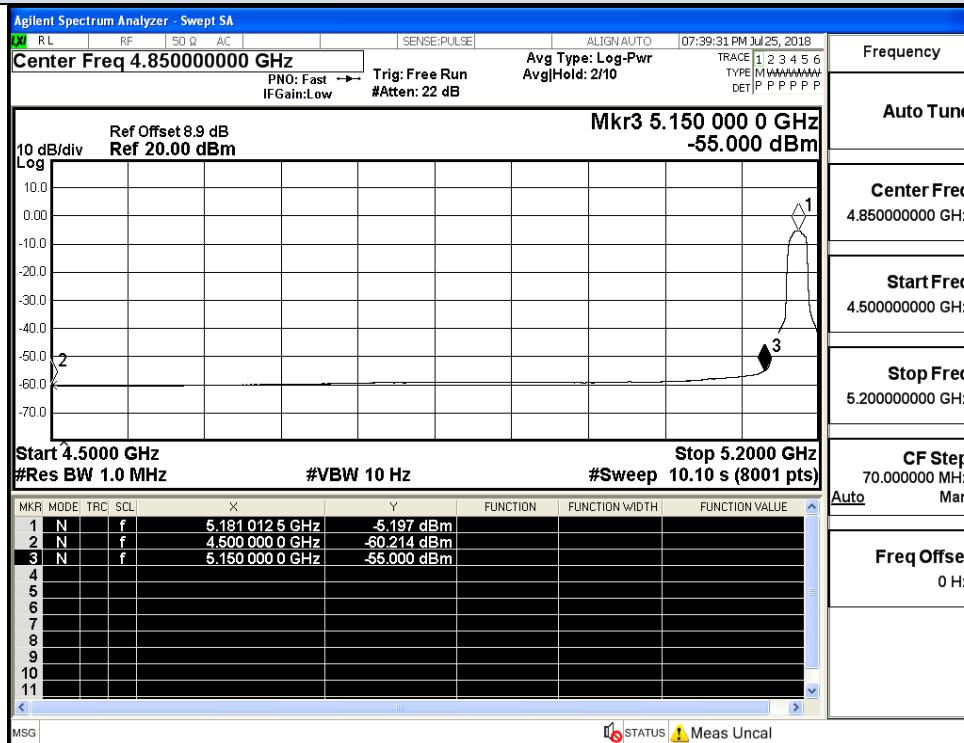


## IEEE 802.11a / Channel 48 / 5240 MHz / Average\_Ant0

## Undesirable Emissions Measurement\_Ant0

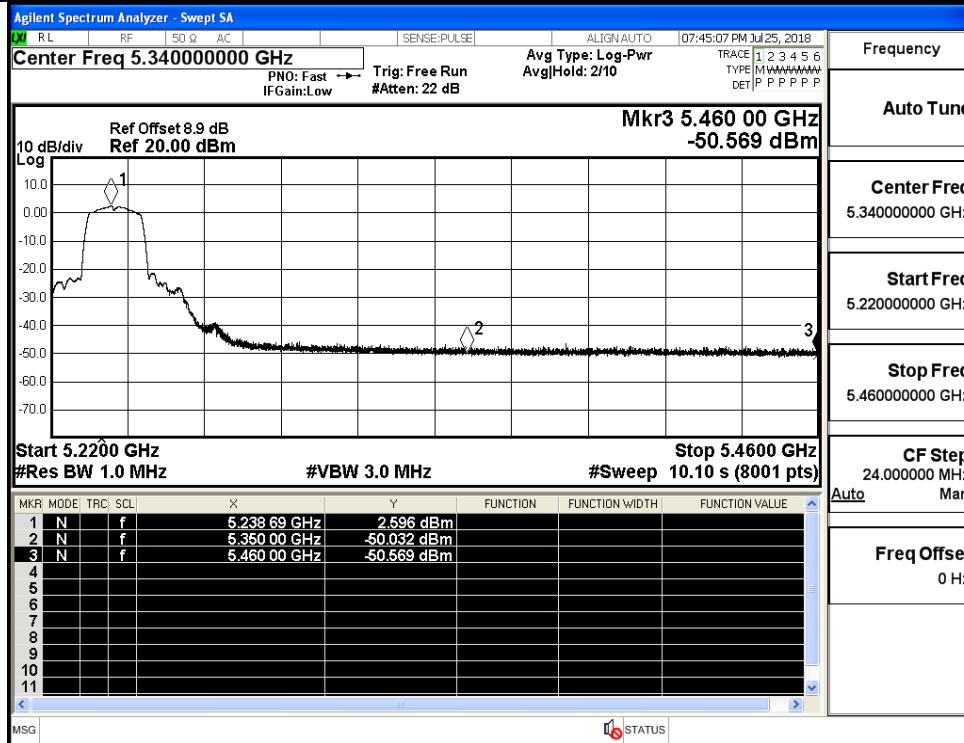


## IEEE 802.11n HT20 / Channel 36 / 5180 MHz / Peak\_Ant0

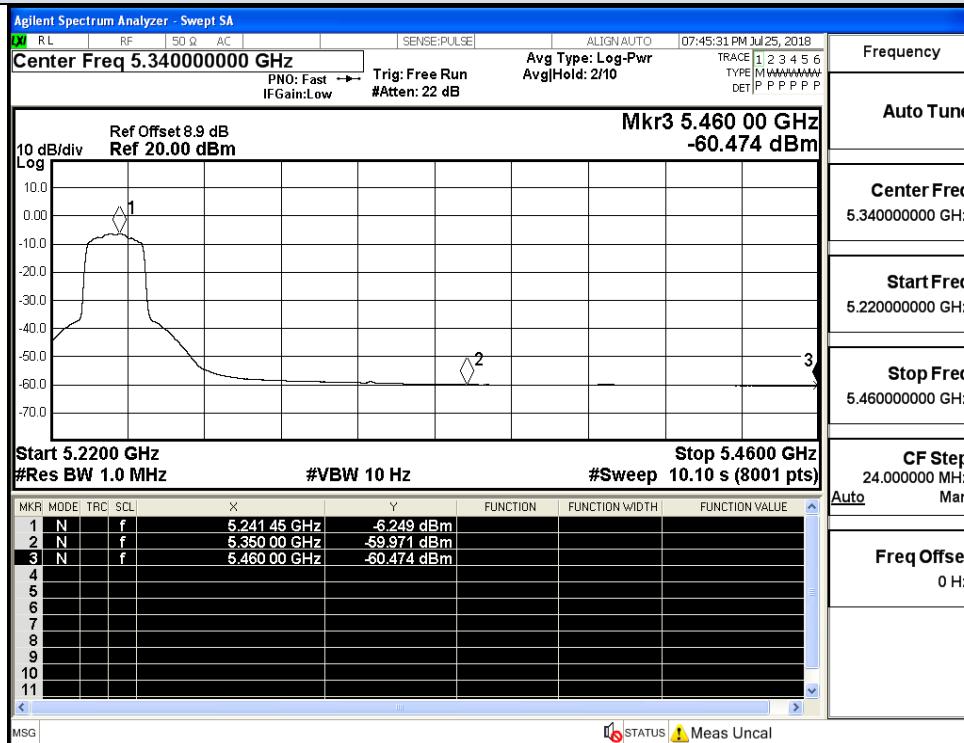


## IEEE 802.11n HT20 / Channel 36 / 5180 MHz / Average\_Ant0

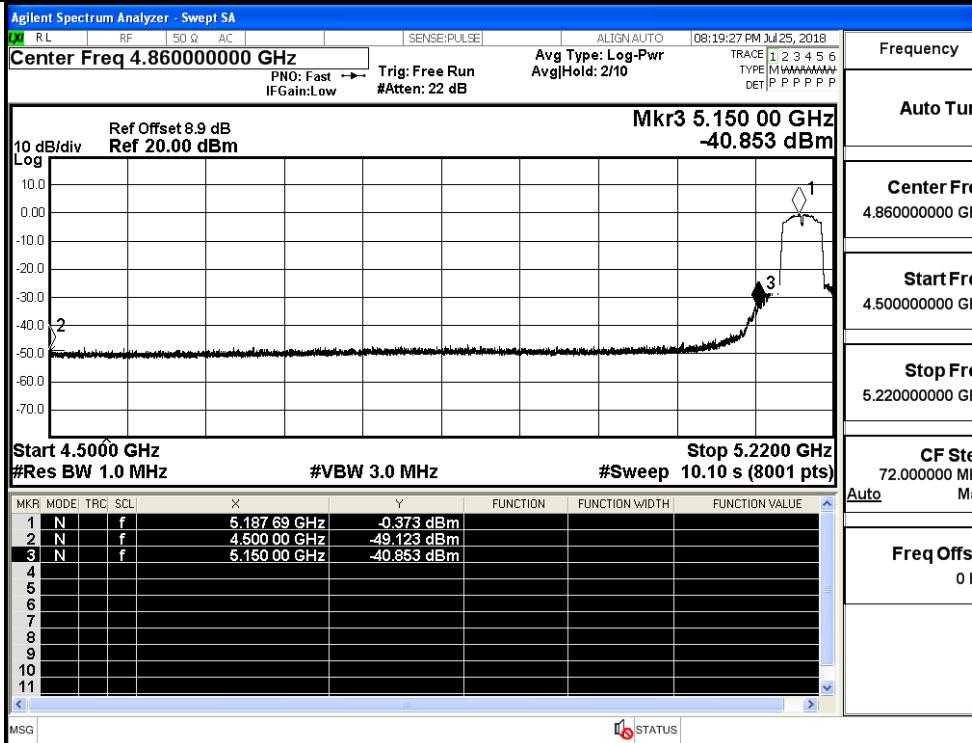
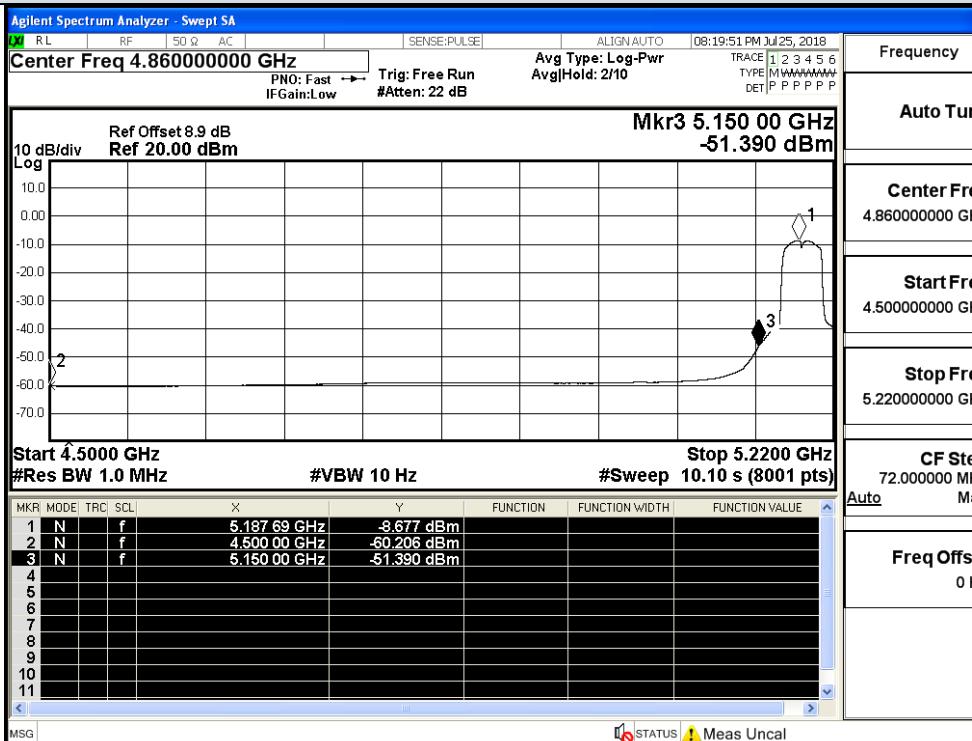
## Undesirable Emissions Measurement\_Ant0



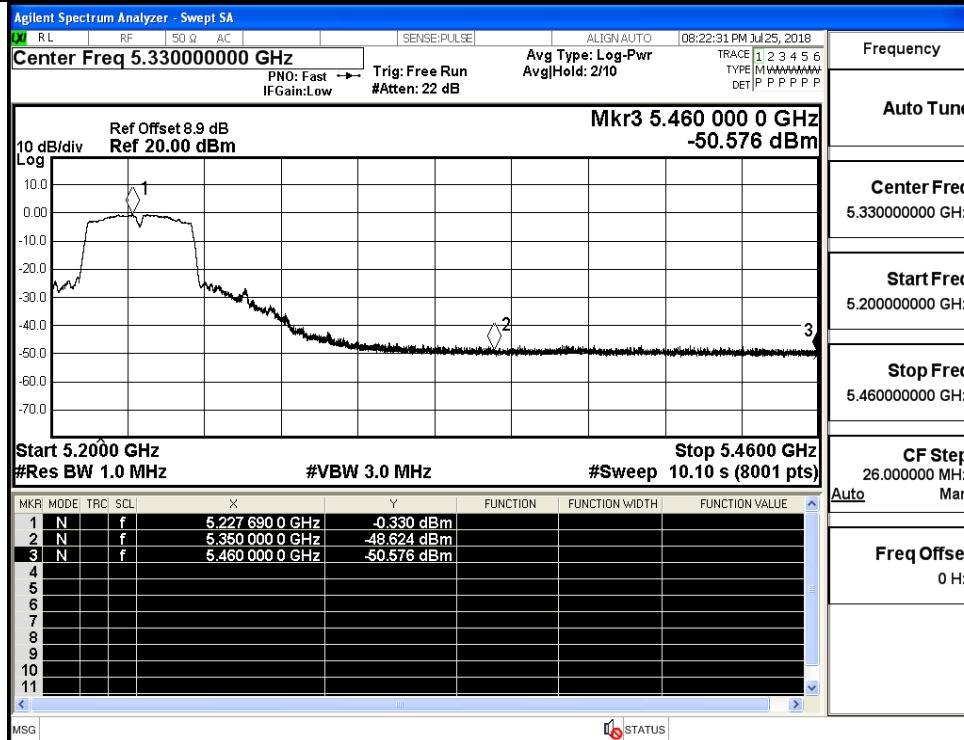
## IEEE 802.11n HT20 / Channel 48 / 5240 MHz / Peak\_Ant0



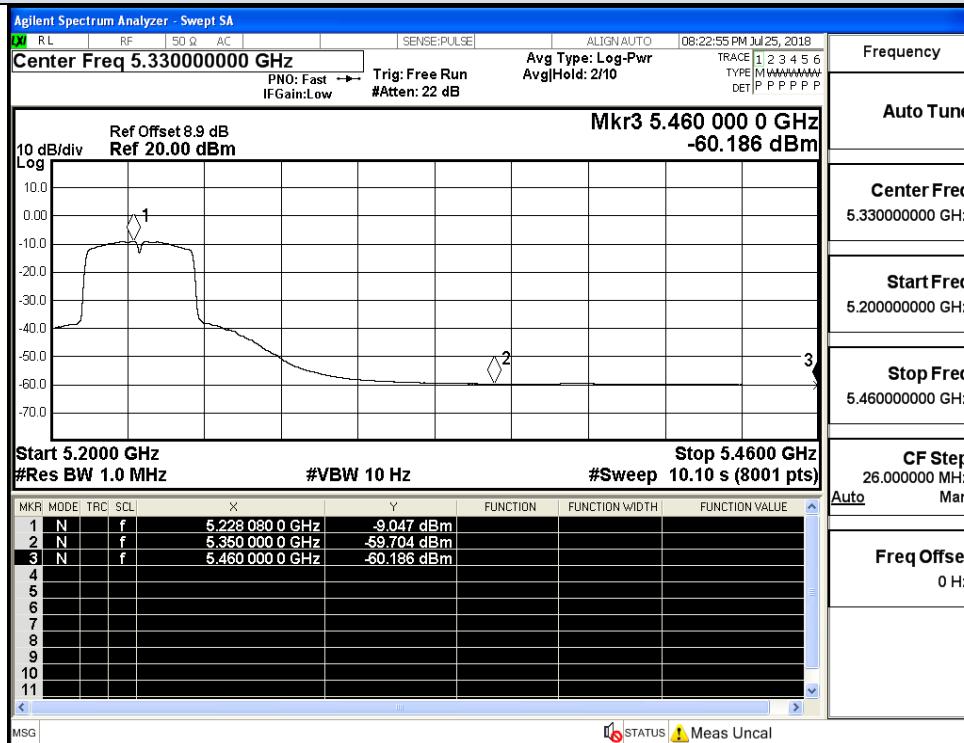
## IEEE 802.11n HT20 / Channel 48 / 5240 MHz / Average\_Ant0

*Undesirable Emissions Measurement\_Ant0**IEEE 802.11n HT40 / Channel 38 / 5190 MHz / Peak\_Ant0**IEEE 802.11n HT40 / Channel 38 / 5190 MHz / Average\_Ant0*

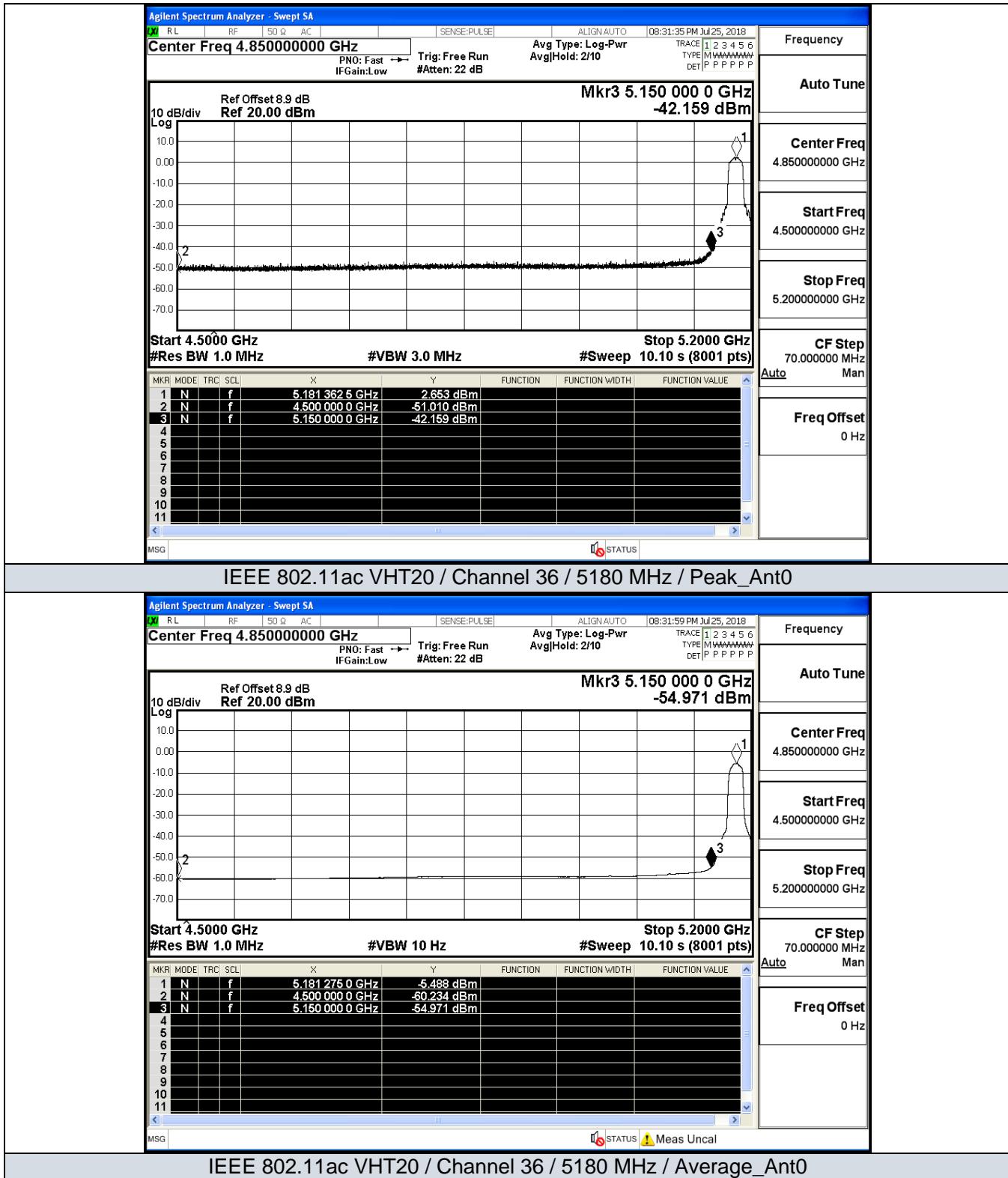
## Undesirable Emissions Measurement\_Ant0

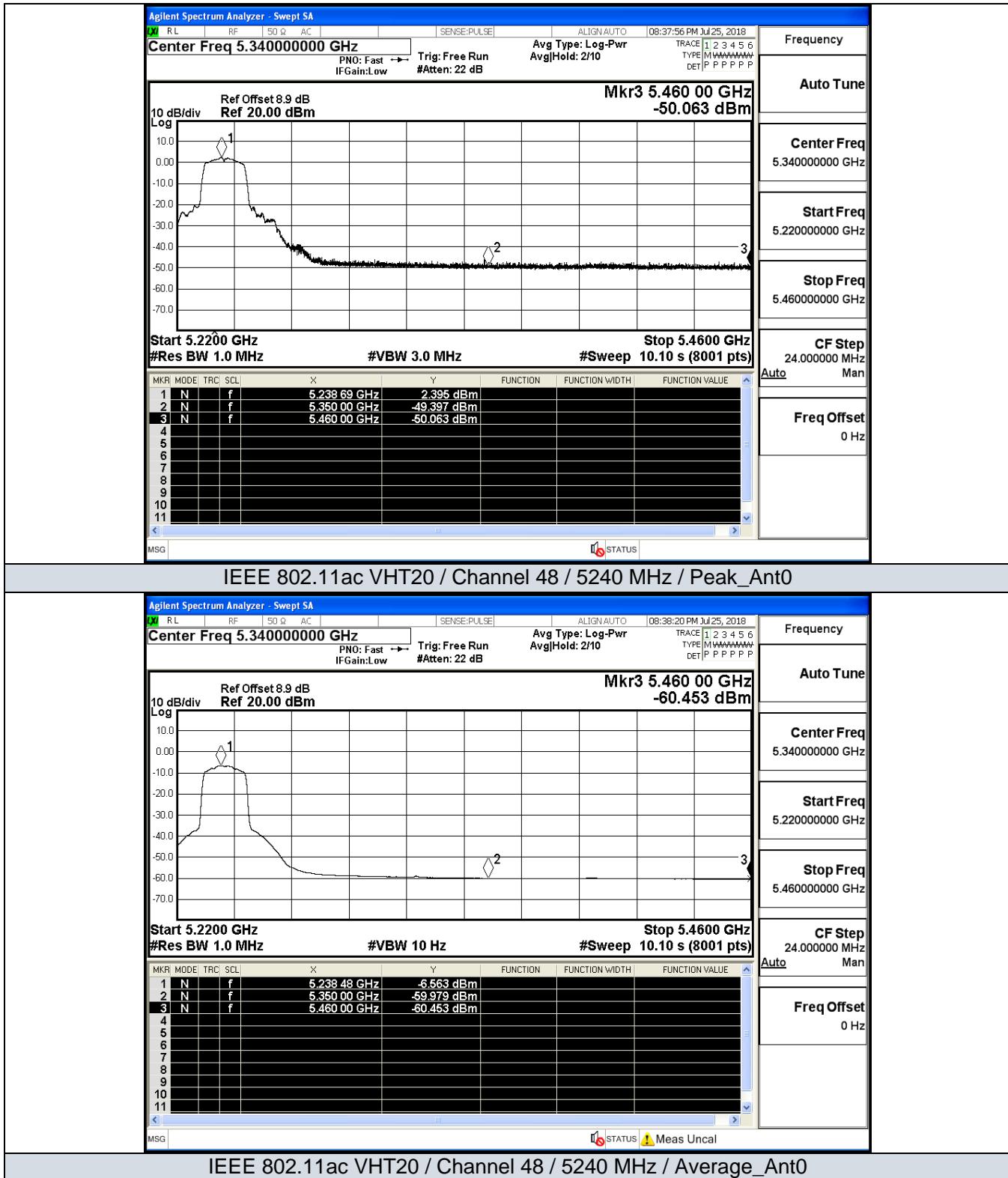


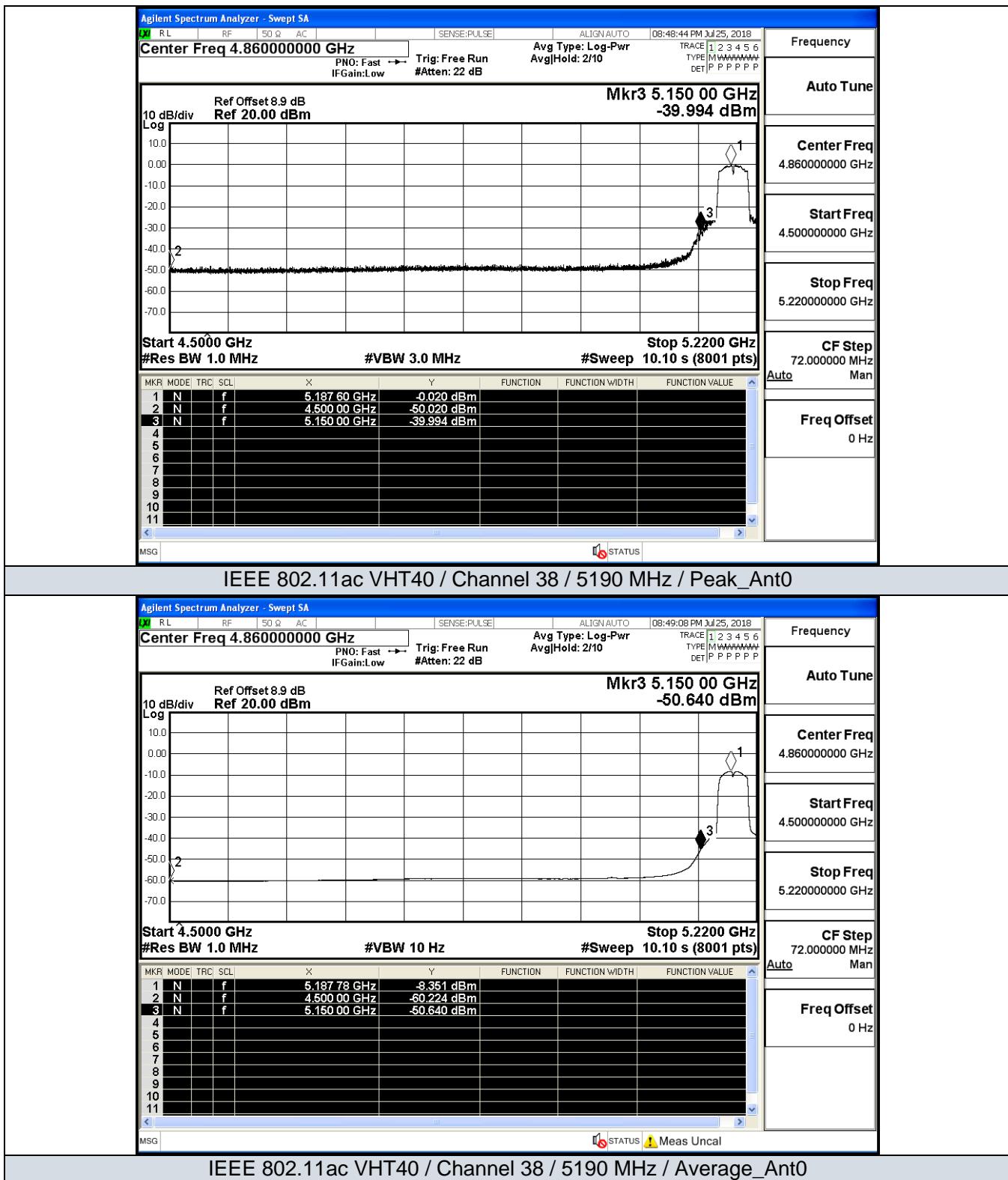
## IEEE 802.11n HT40 / Channel 46 / 5230 MHz / Peak\_Ant0

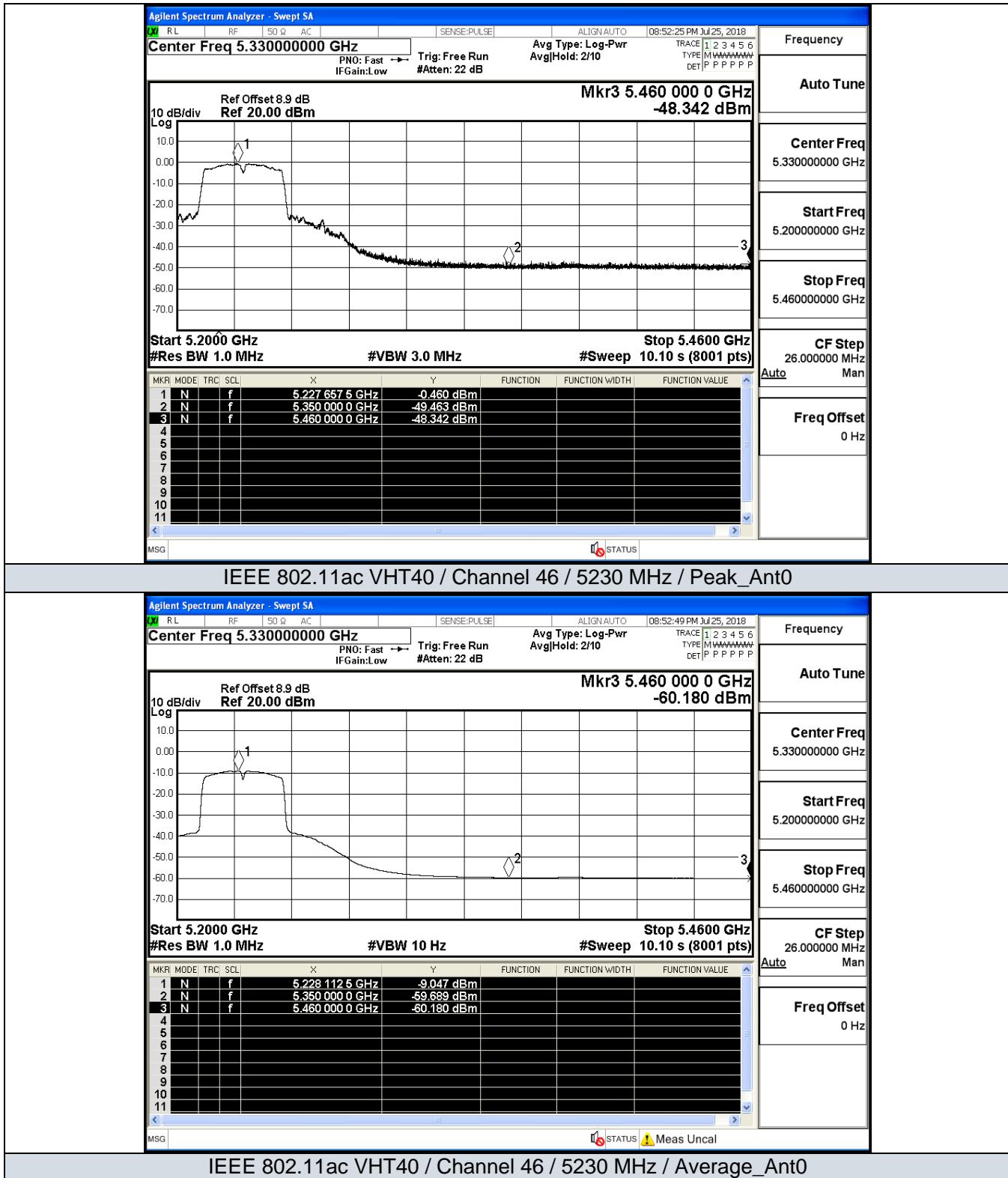


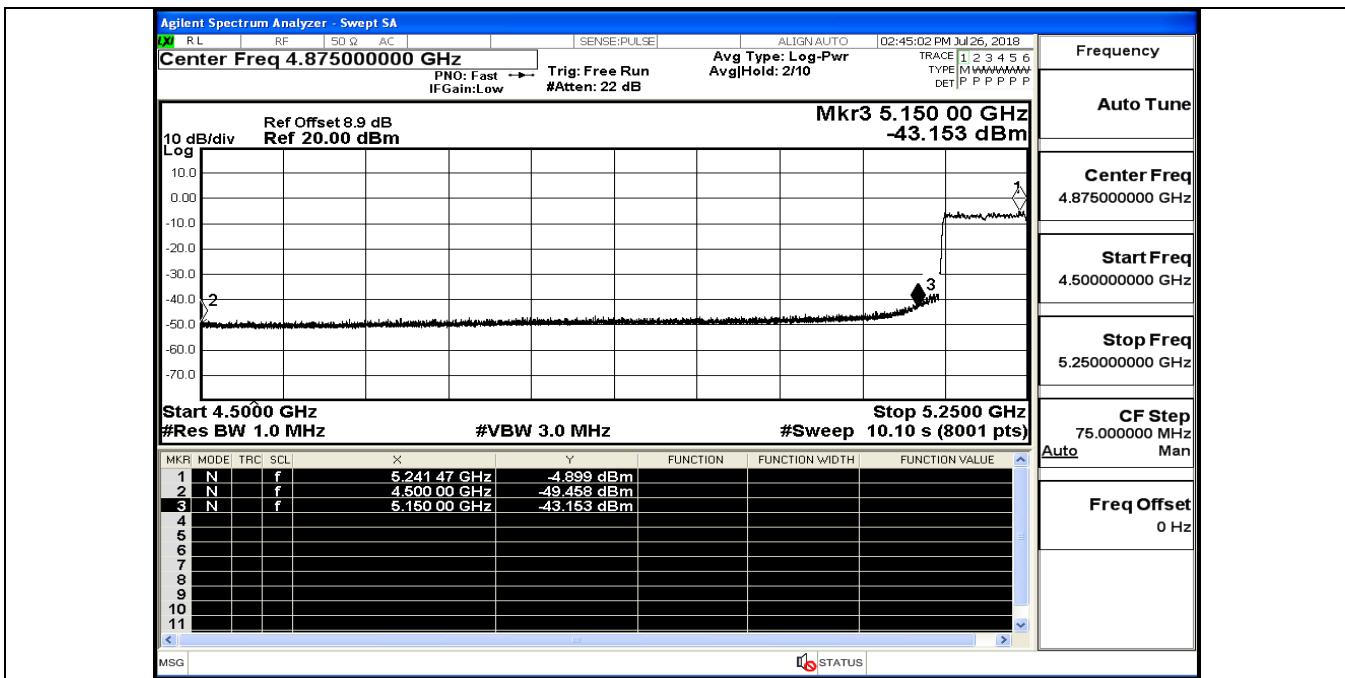
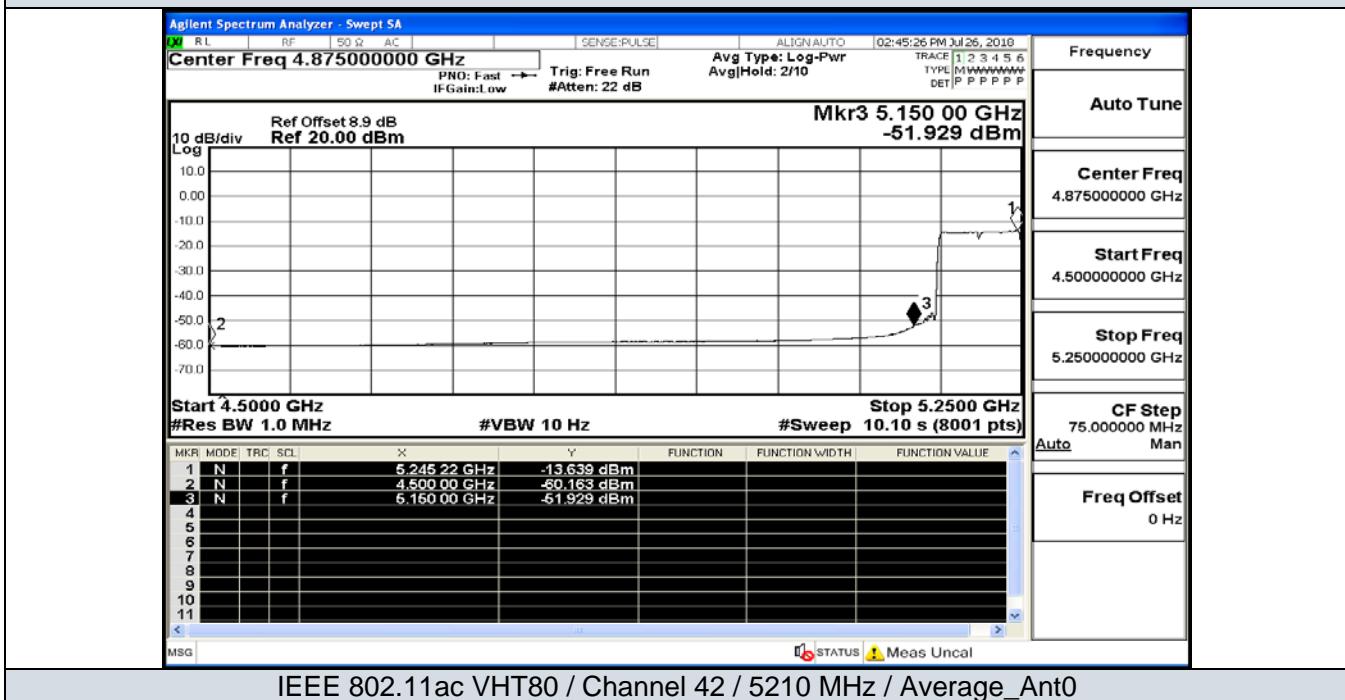
## IEEE 802.11n HT40 / Channel 46 / 5230 MHz / Average\_Ant0

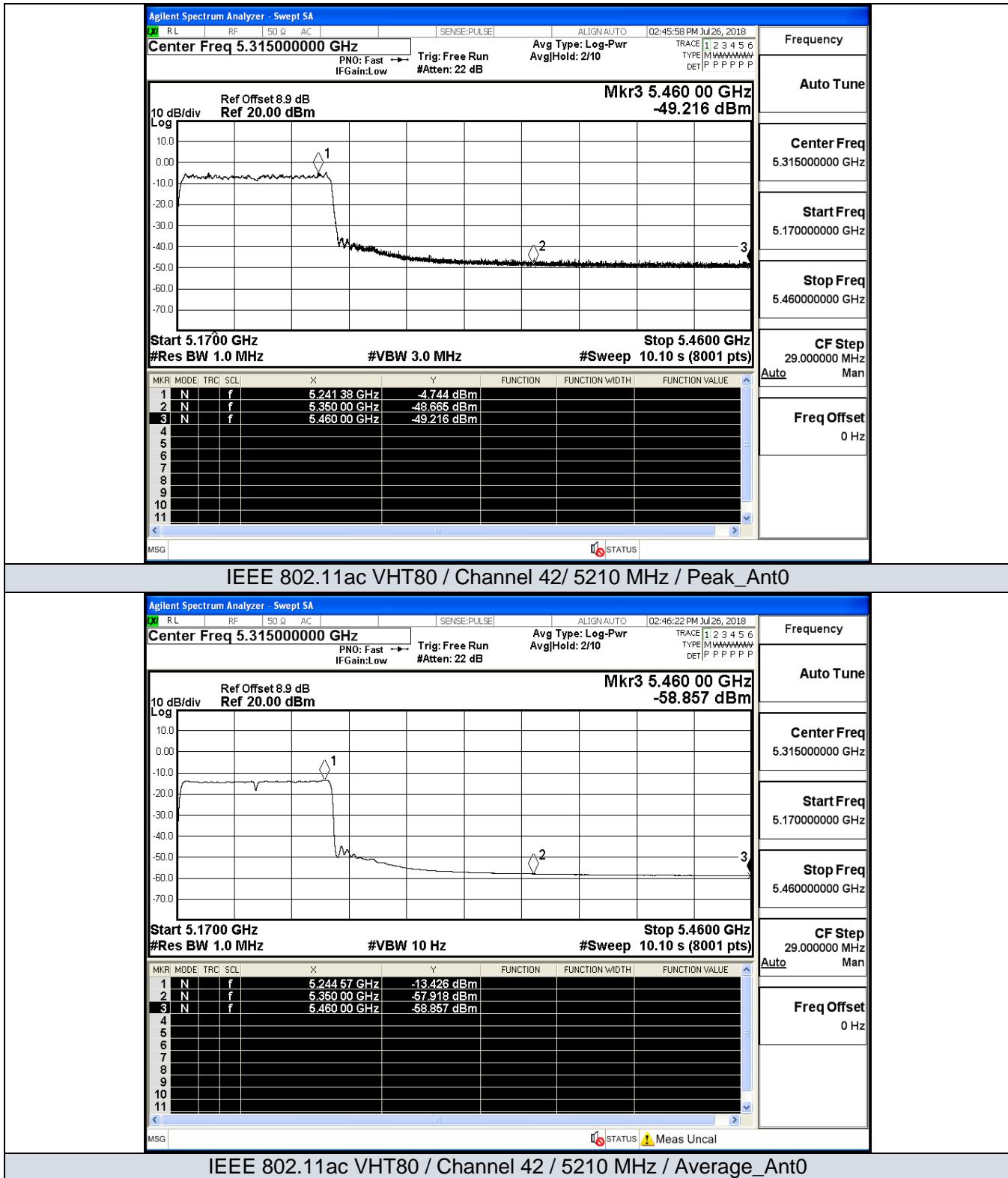




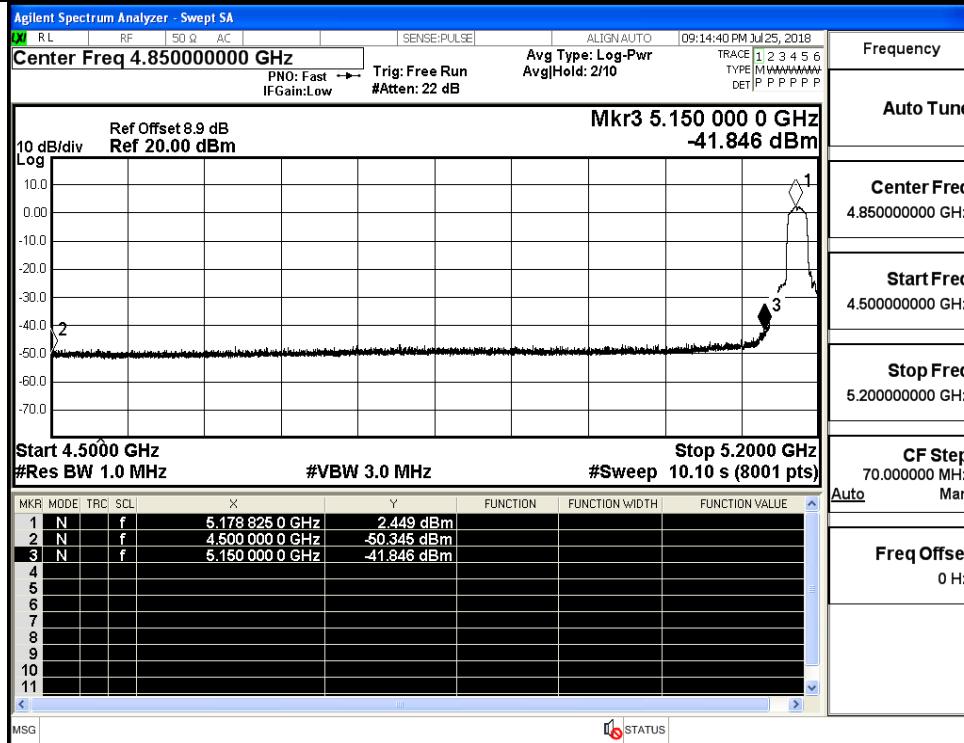




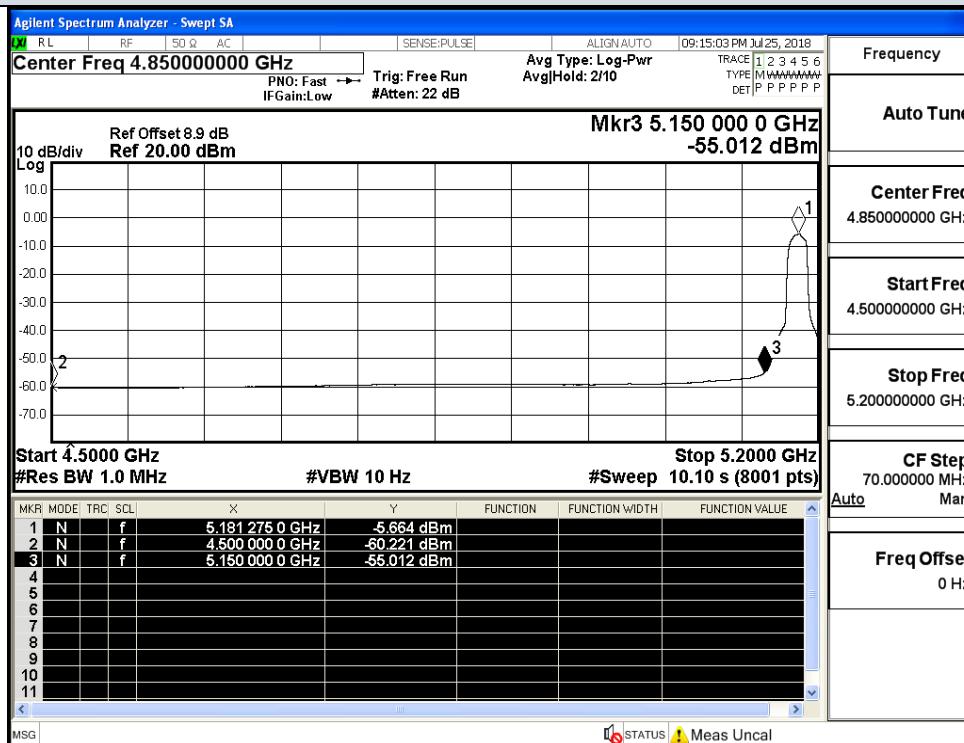
**IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz / Peak****IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz / Average\_Ant0**



## Undesirable Emissions Measurement\_Ant1

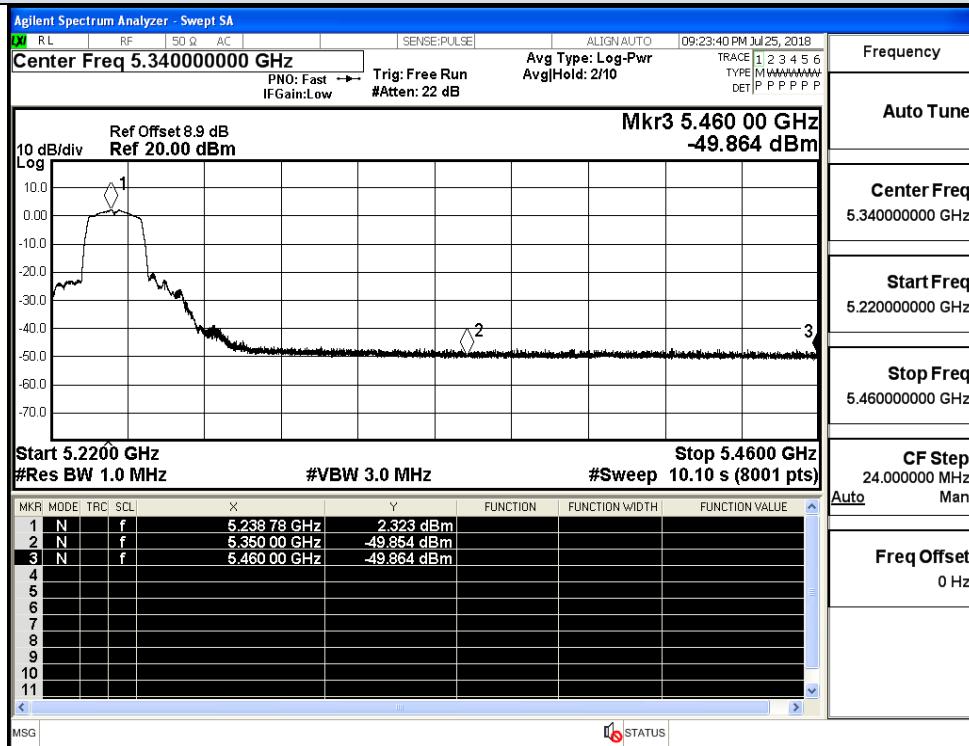


## IEEE 802.11a / Channel 36 / 5180 MHz / Peak\_Ant1

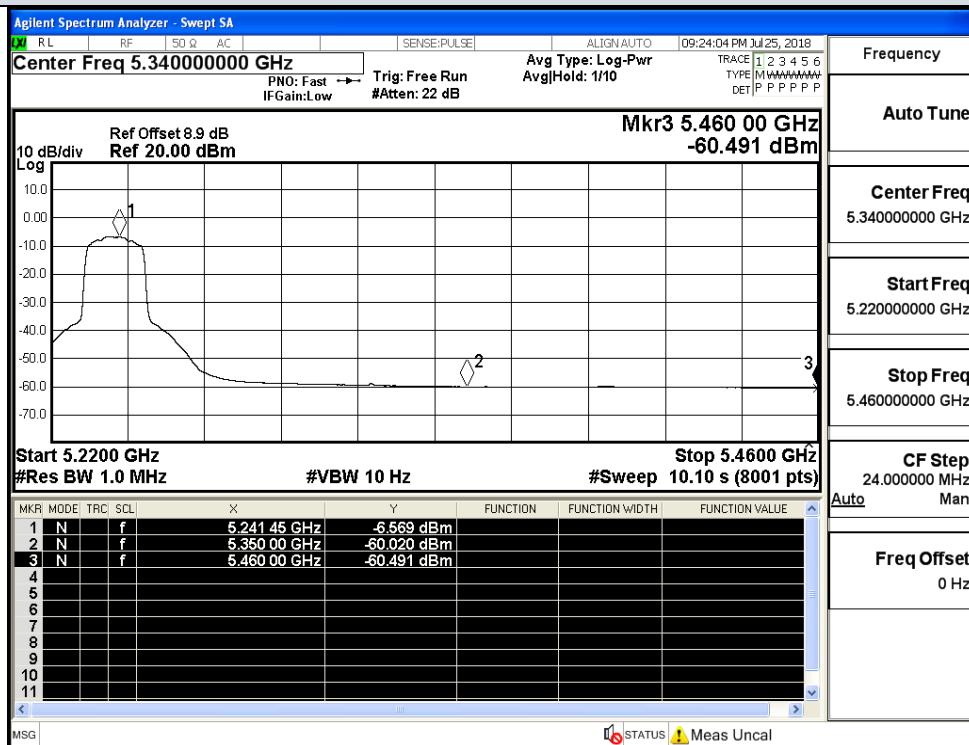


## IEEE 802.11a / Channel 36 / 5180 MHz / Average\_Ant1

## Undesirable Emissions Measurement\_Ant1

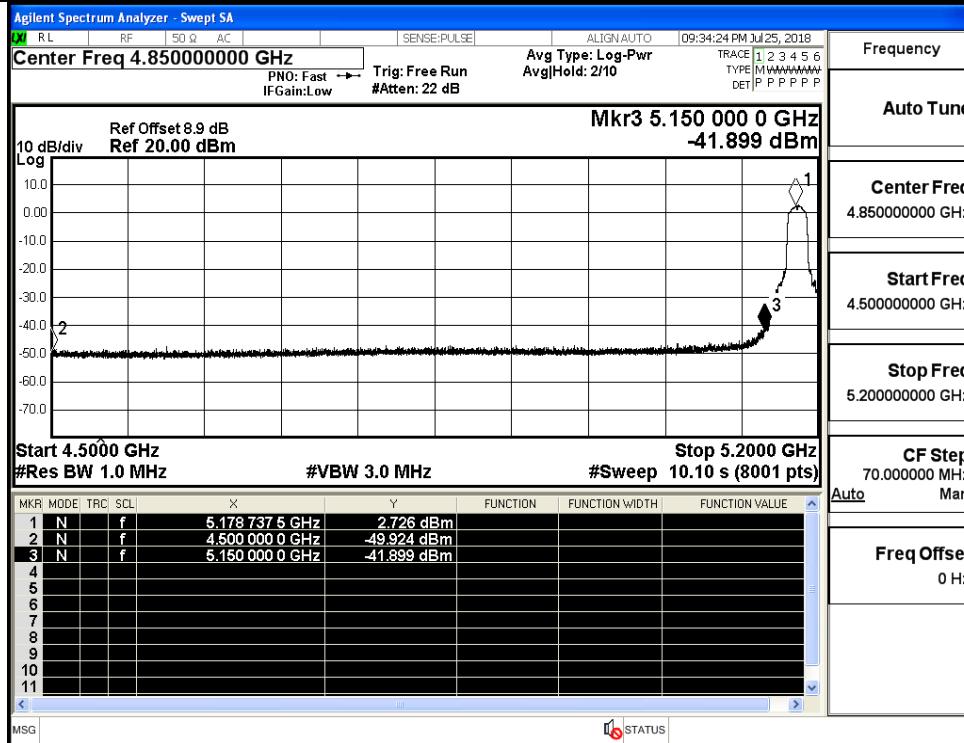


## IEEE 802.11a / Channel 48 / 5240 MHz / Peak\_Ant1

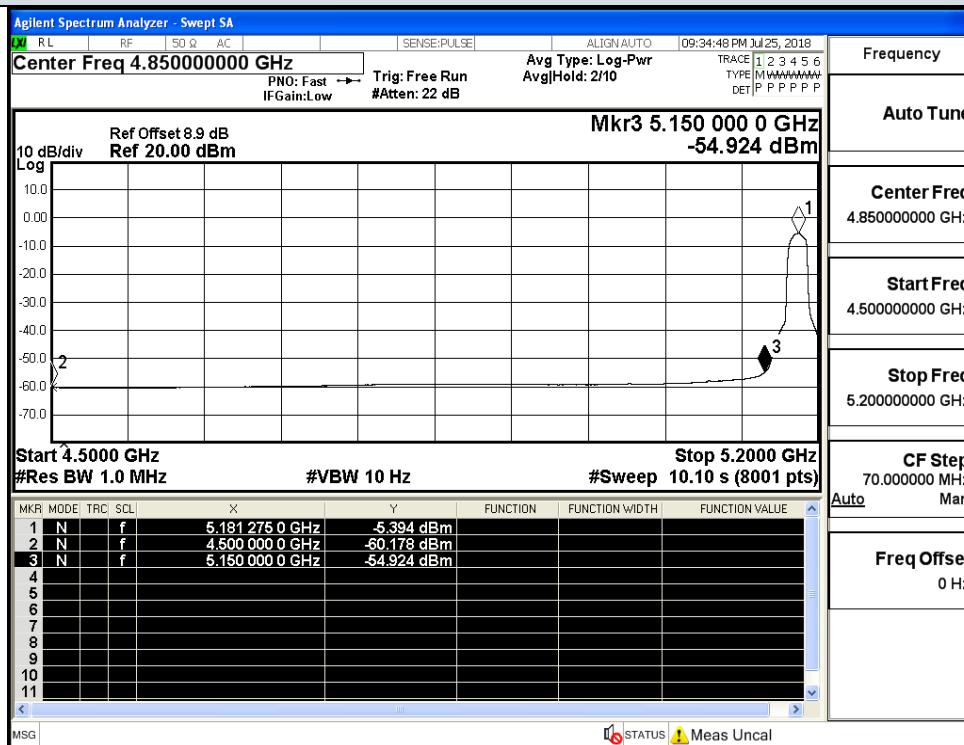


## IEEE 802.11a / Channel 48 / 5240 MHz / Average\_Ant1

## Undesirable Emissions Measurement\_Ant1

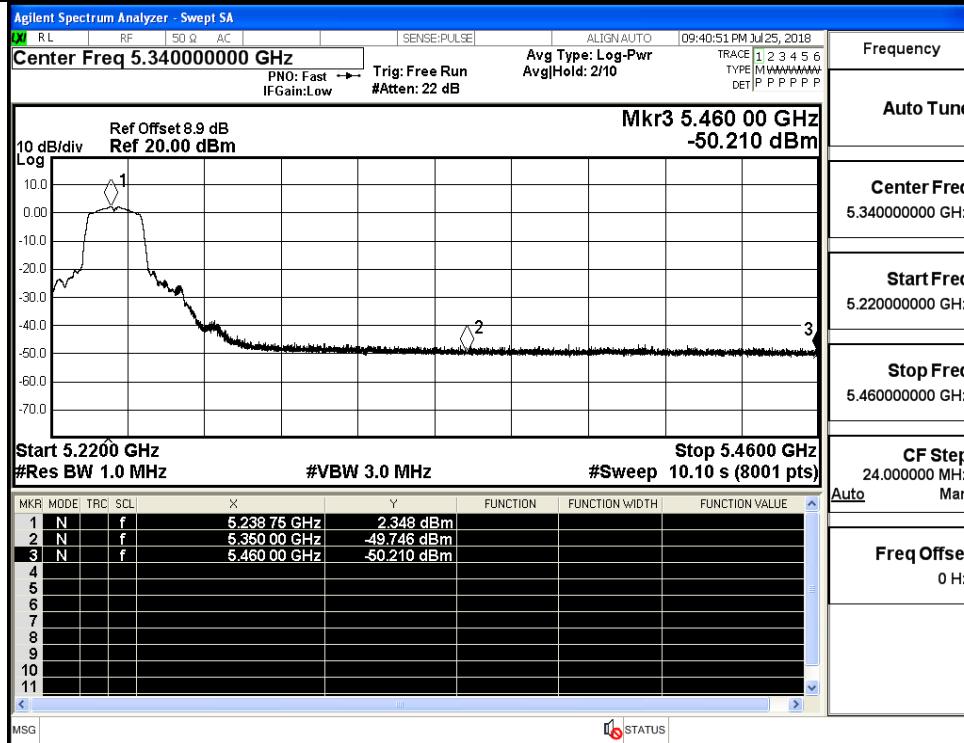


## IEEE 802.11n HT20 / Channel 36 / 5180 MHz / Peak\_Ant1

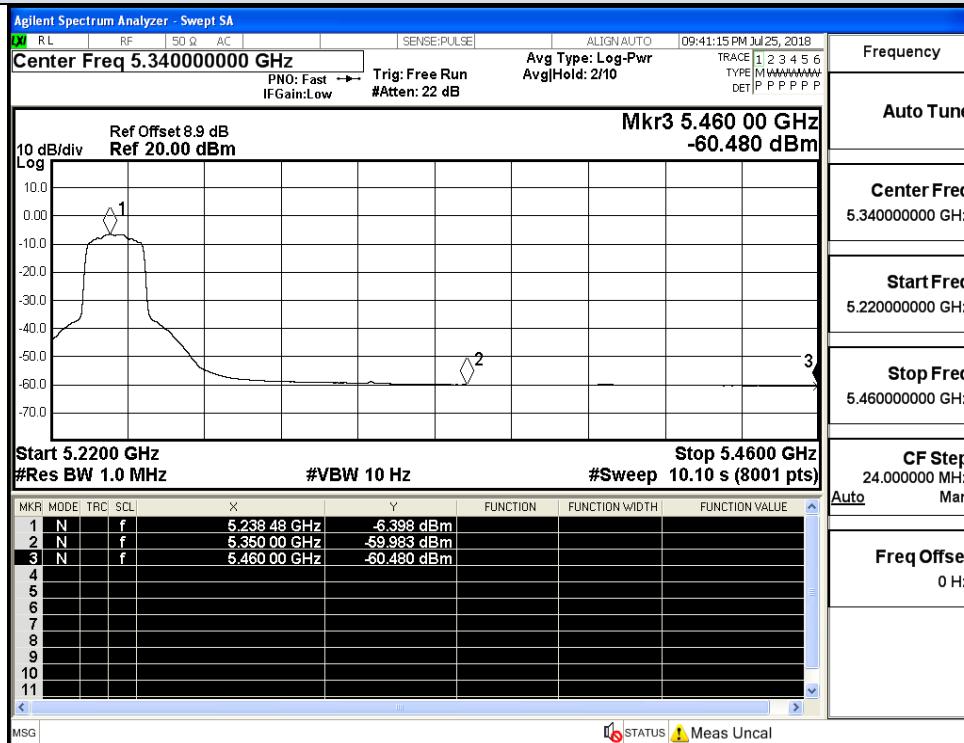


## IEEE 802.11n HT20 / Channel 36 / 5180 MHz / Average\_Ant1

## Undesirable Emissions Measurement\_Ant1

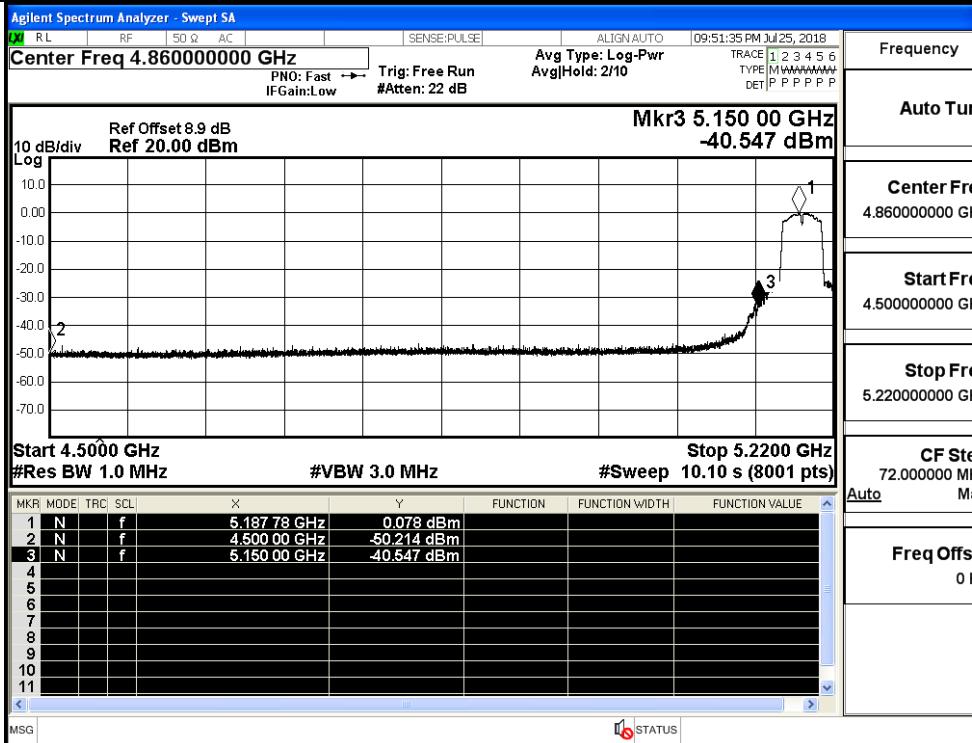


## IEEE 802.11n HT20 / Channel 48 / 5240 MHz / Peak\_Ant1

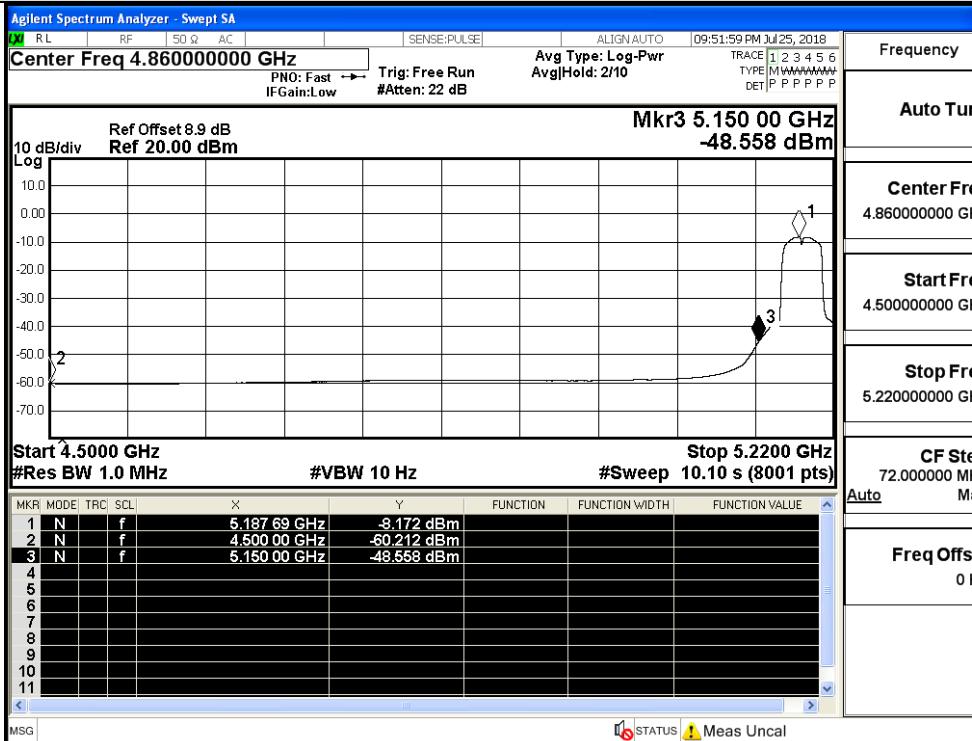


## IEEE 802.11n HT20 / Channel 48 / 5240 MHz / Average\_Ant1

## Undesirable Emissions Measurement\_Ant1

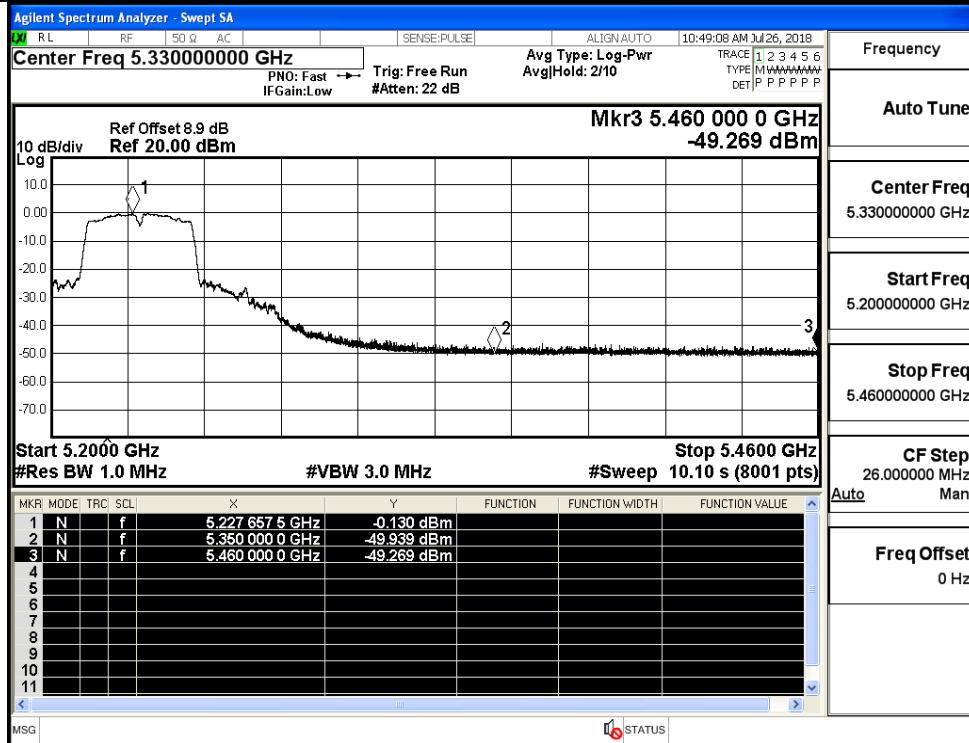


## IEEE 802.11n HT40 / Channel 38 / 5190 MHz / Peak\_Ant1

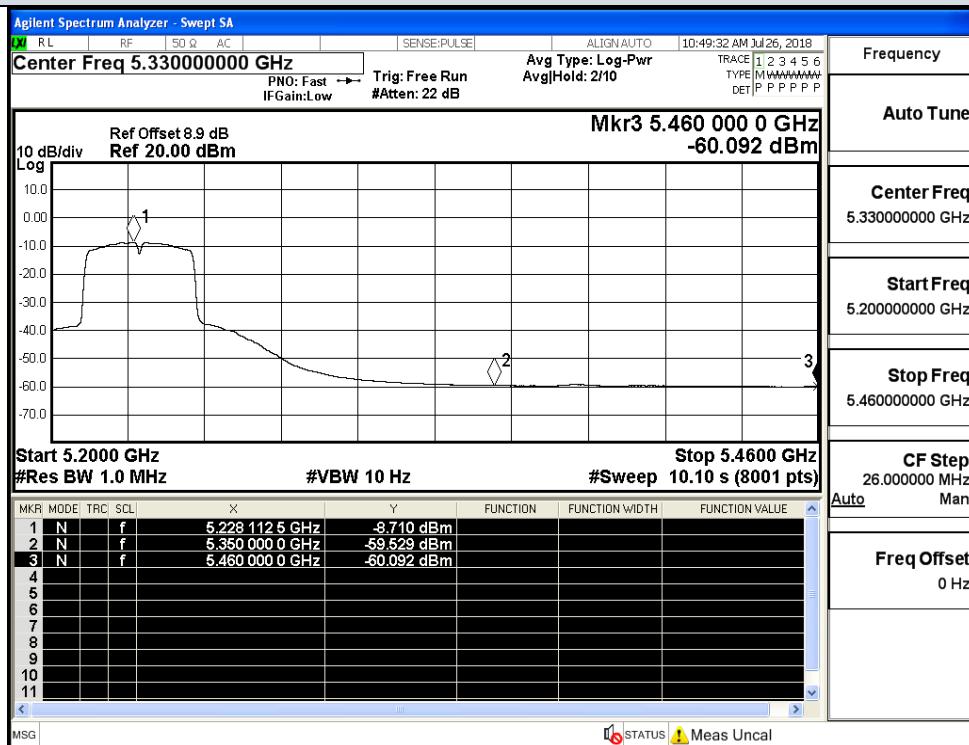


## IEEE 802.11n HT40 / Channel 38 / 5190 MHz / Average\_Ant1

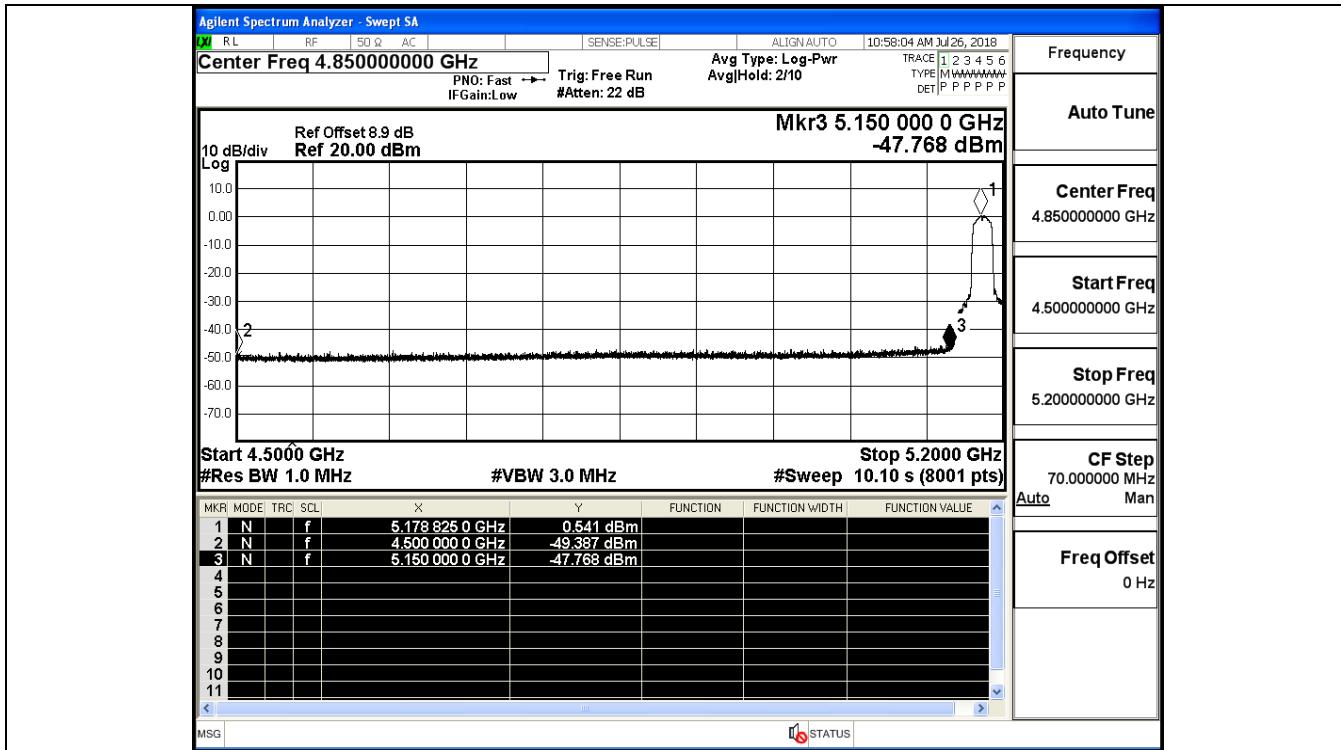
## Undesirable Emissions Measurement\_Ant1



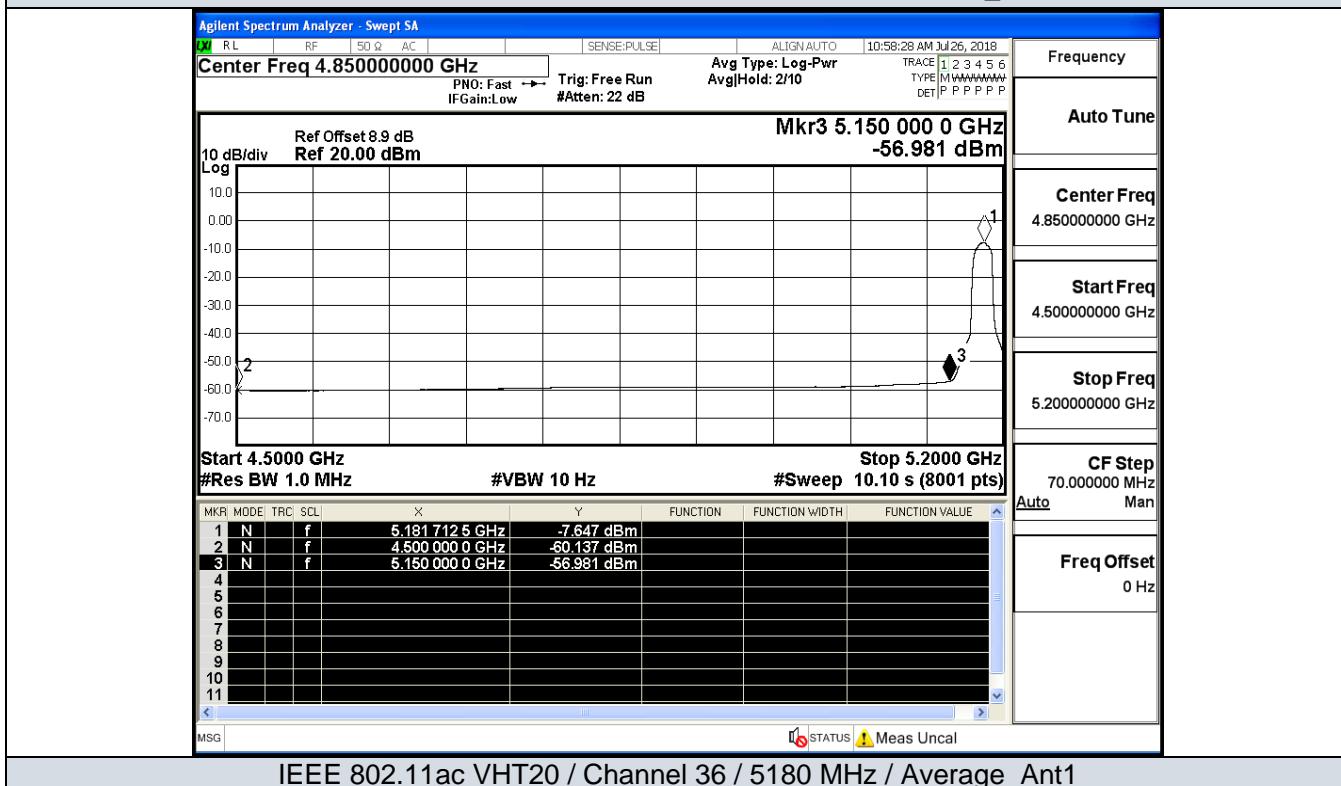
## IEEE 802.11n HT40 / Channel 46 / 5230 MHz / Peak\_Ant1



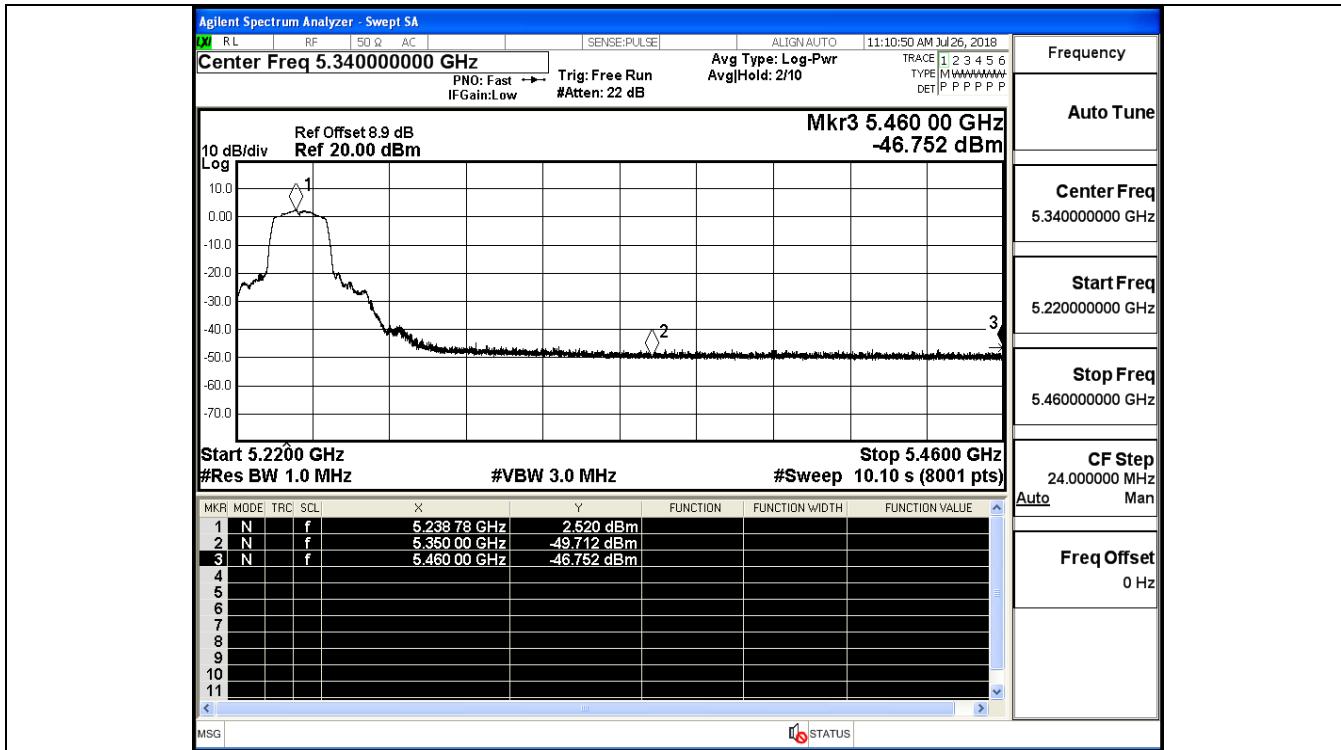
## IEEE 802.11n HT40 / Channel 46 / 5230 MHz / Average\_Ant1



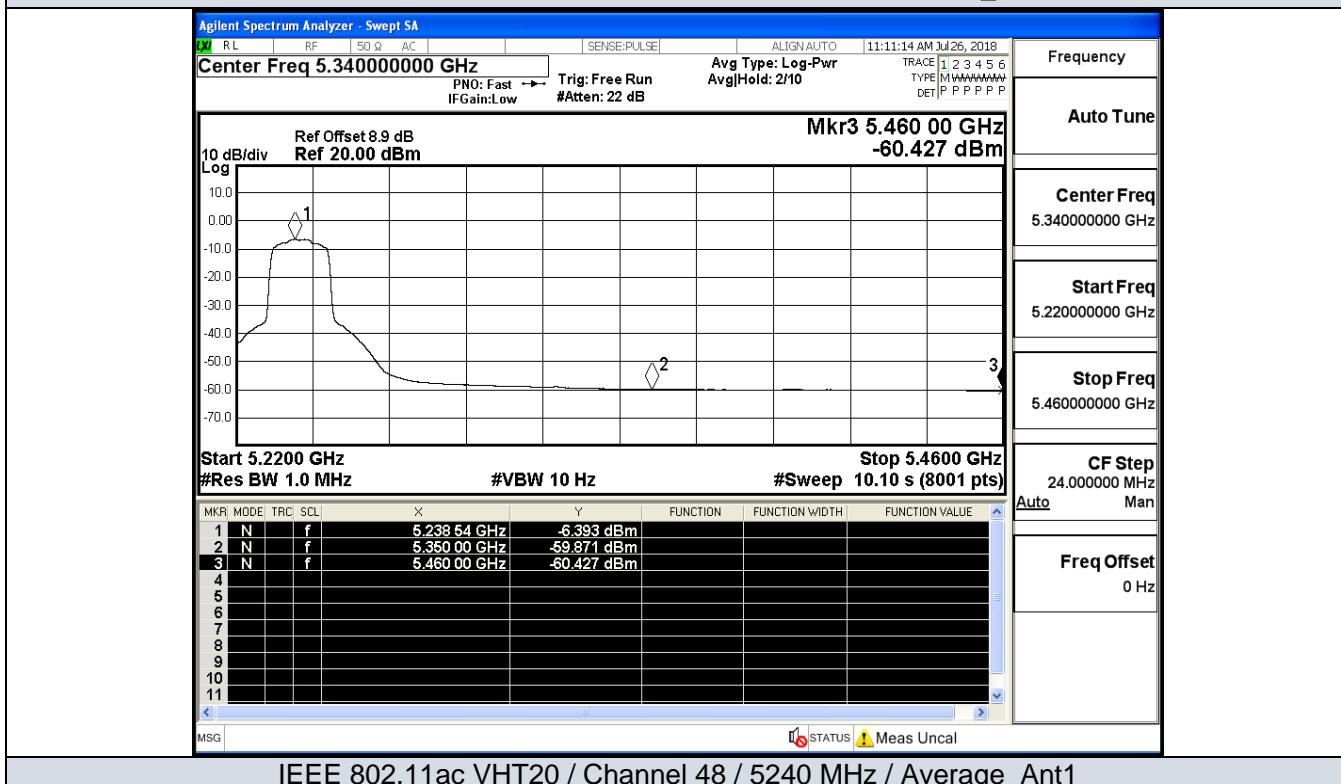
## IEEE 802.11ac VHT20 / Channel 36 / 5180 MHz / Peak\_Ant1



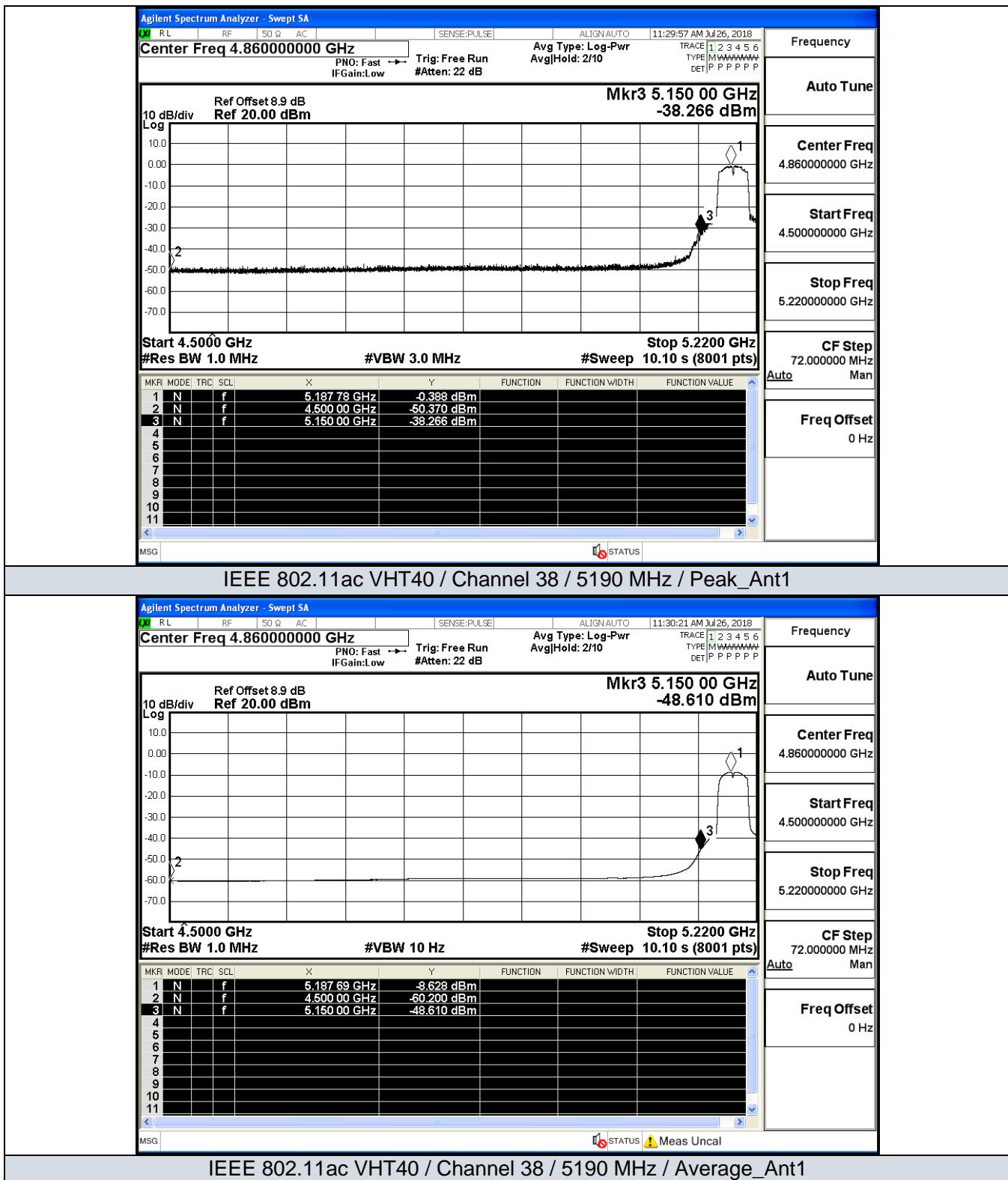
## IEEE 802.11ac VHT20 / Channel 36 / 5180 MHz / Average\_Ant1

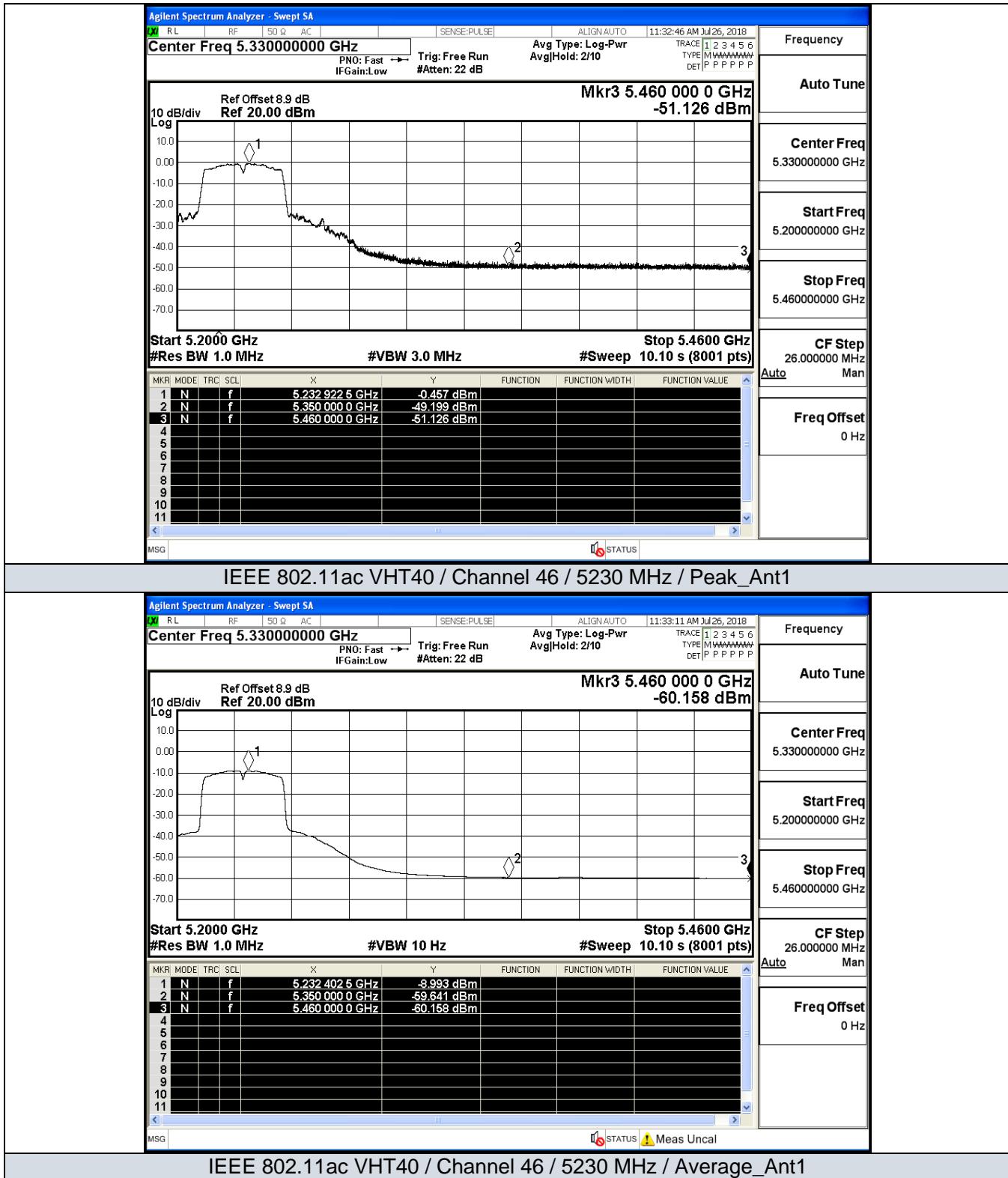


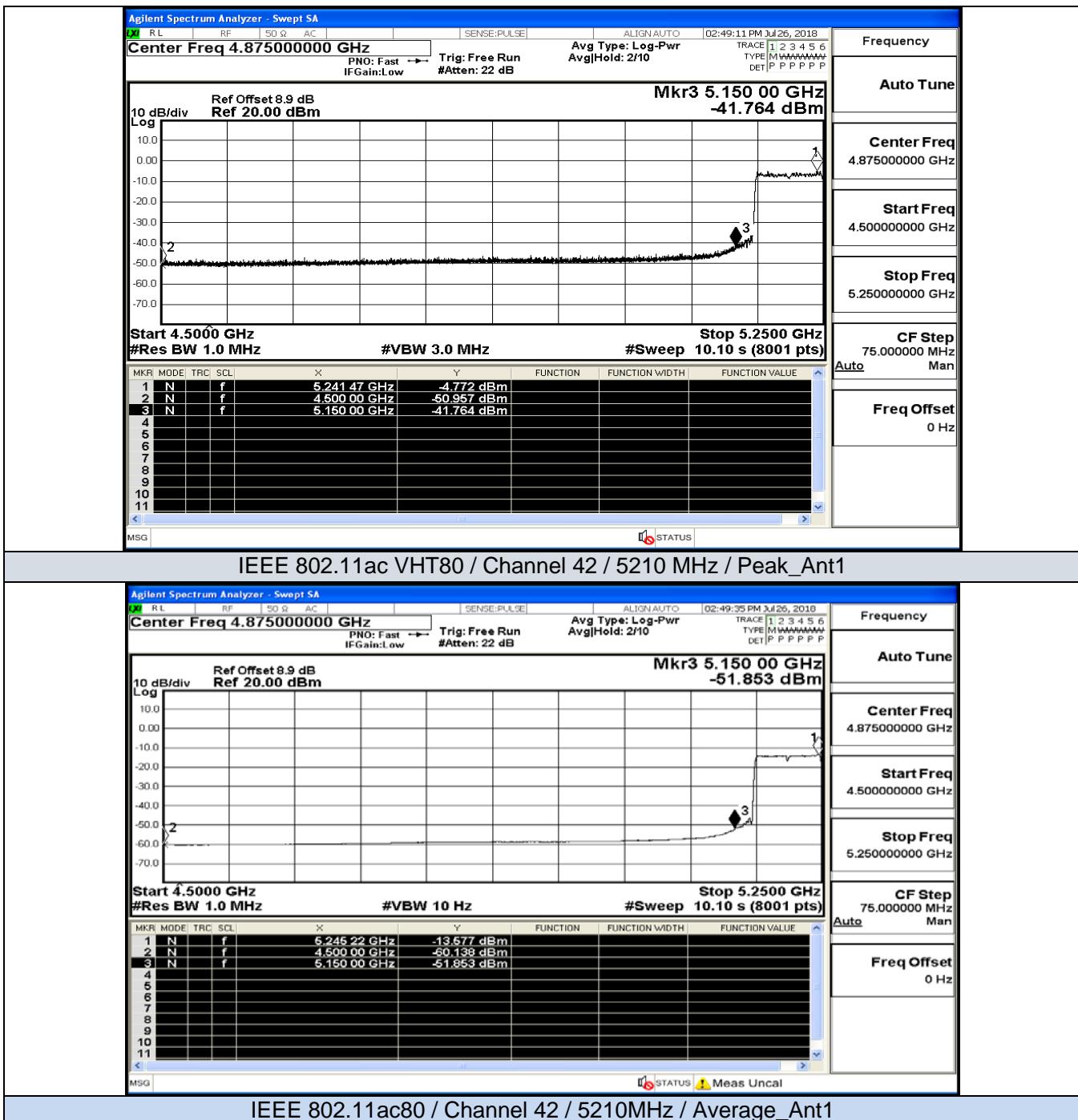
## IEEE 802.11ac VHT20 / Channel 48 / 5240MHz / Peak\_Ant1

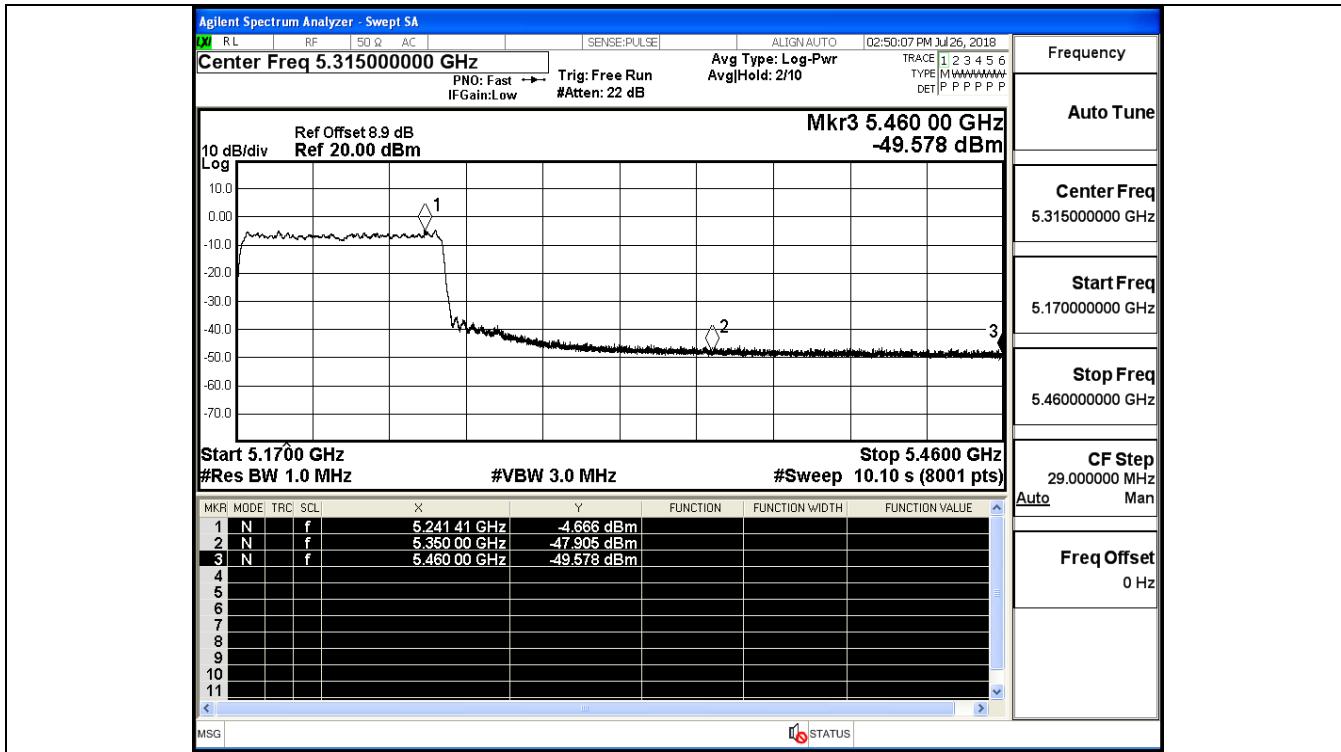


## IEEE 802.11ac VHT20 / Channel 48 / 5240 MHz / Average\_Ant1

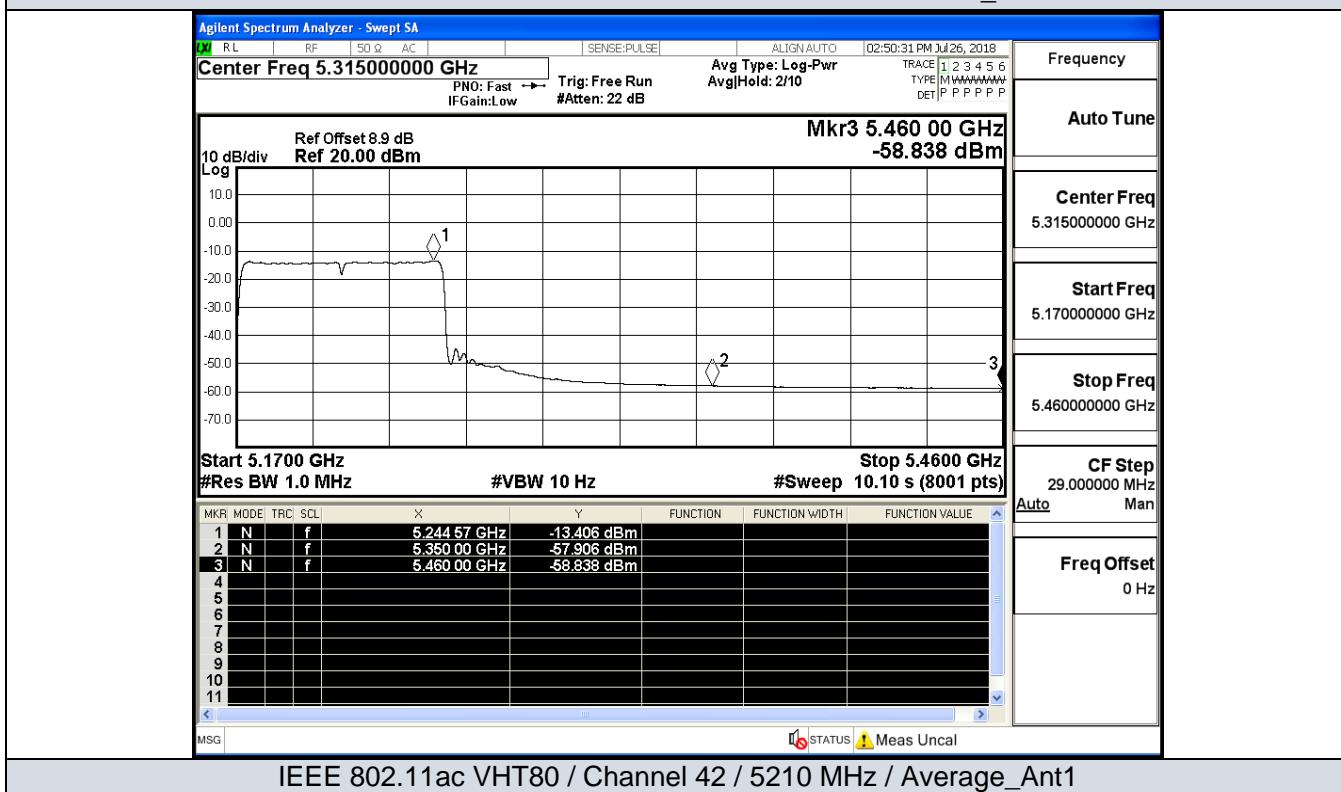








## IEEE 802.11ac VHT80 / Channel 42/ 5210 MHz / Peak\_Ant1



## IEEE 802.11ac VHT80 / Channel 42 / 5210 MHz / Average\_Ant1