

Appendix G

RF Test Data for 5G WLAN Band 2C (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

G.1 Duty Cycle

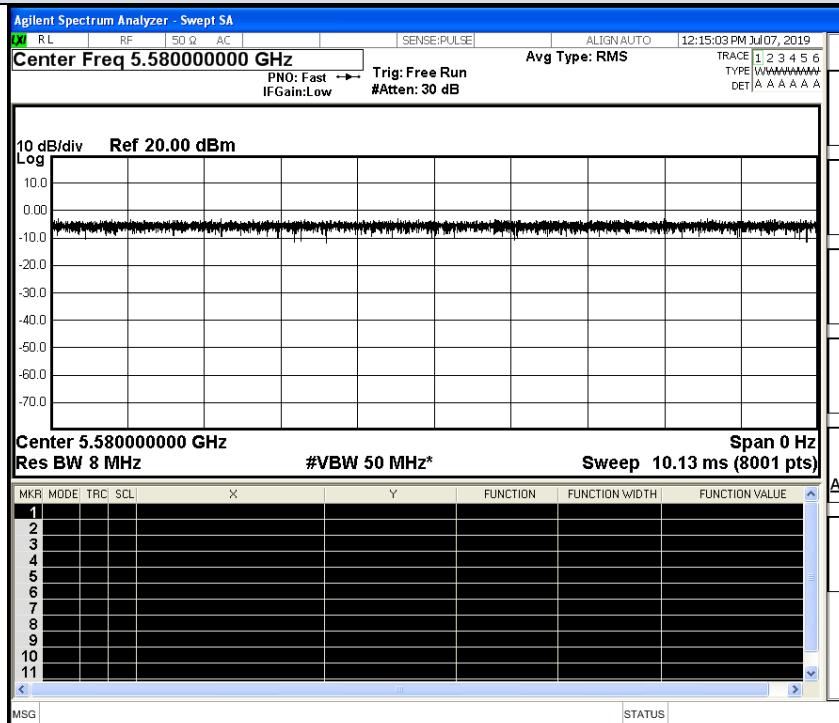
Antenna 0

Test Mode	Test Frequency (MHz)	Duty Cycle (%)	10log(1/x) Factor (dB)	1/B Minimum VBW (KHz)
11A	5580	100	0.00	0.01
11N20 SISO	5580	100	0.00	0.01
11N40 SISO	5550	100	0.00	0.01
11AC20 SISO	5580	100	0.00	0.01
11AC40 SISO	5550	100	0.00	0.01
11AC80 SISO	5530	100	0.00	0.01

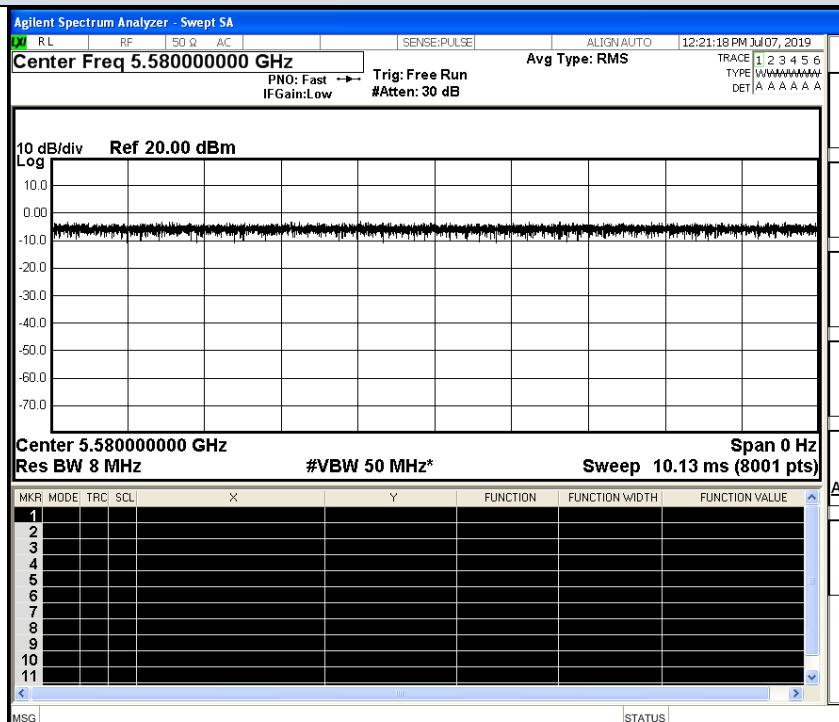
Antenna 1

Test Mode	Test Frequency (MHz)	Duty Cycle (%)	10log(1/x) Factor (dB)	1/B Minimum VBW (KHz)
11A	5580	100	0.00	0.01
11N20 SISO	5580	100	0.00	0.01
11N40 SISO	5550	100	0.00	0.01
11AC20 SISO	5580	100	0.00	0.01
11AC40 SISO	5550	100	0.00	0.01
11AC80 SISO	5530	100	0.00	0.01

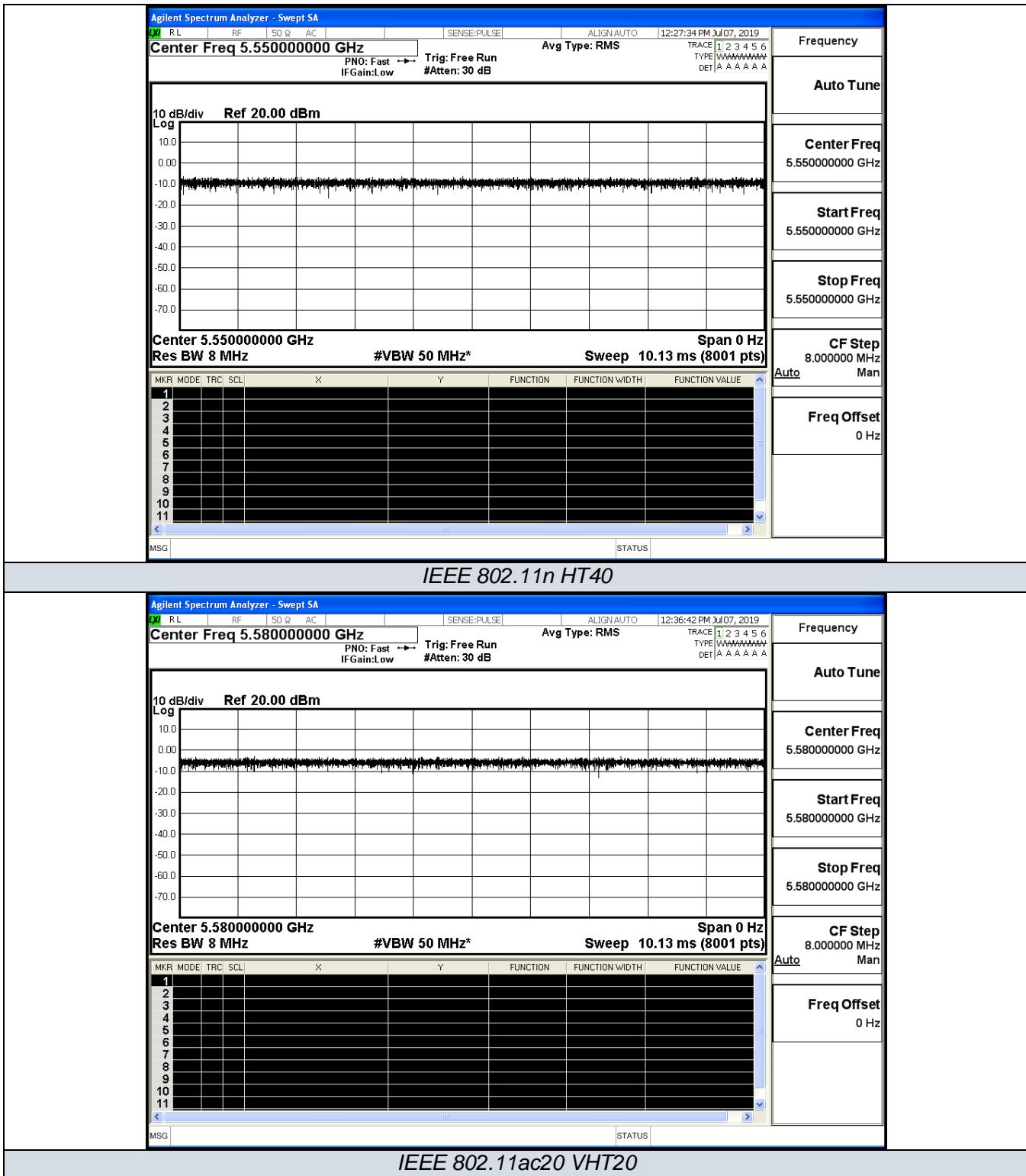
On Time and Duty Cycle Ant 0

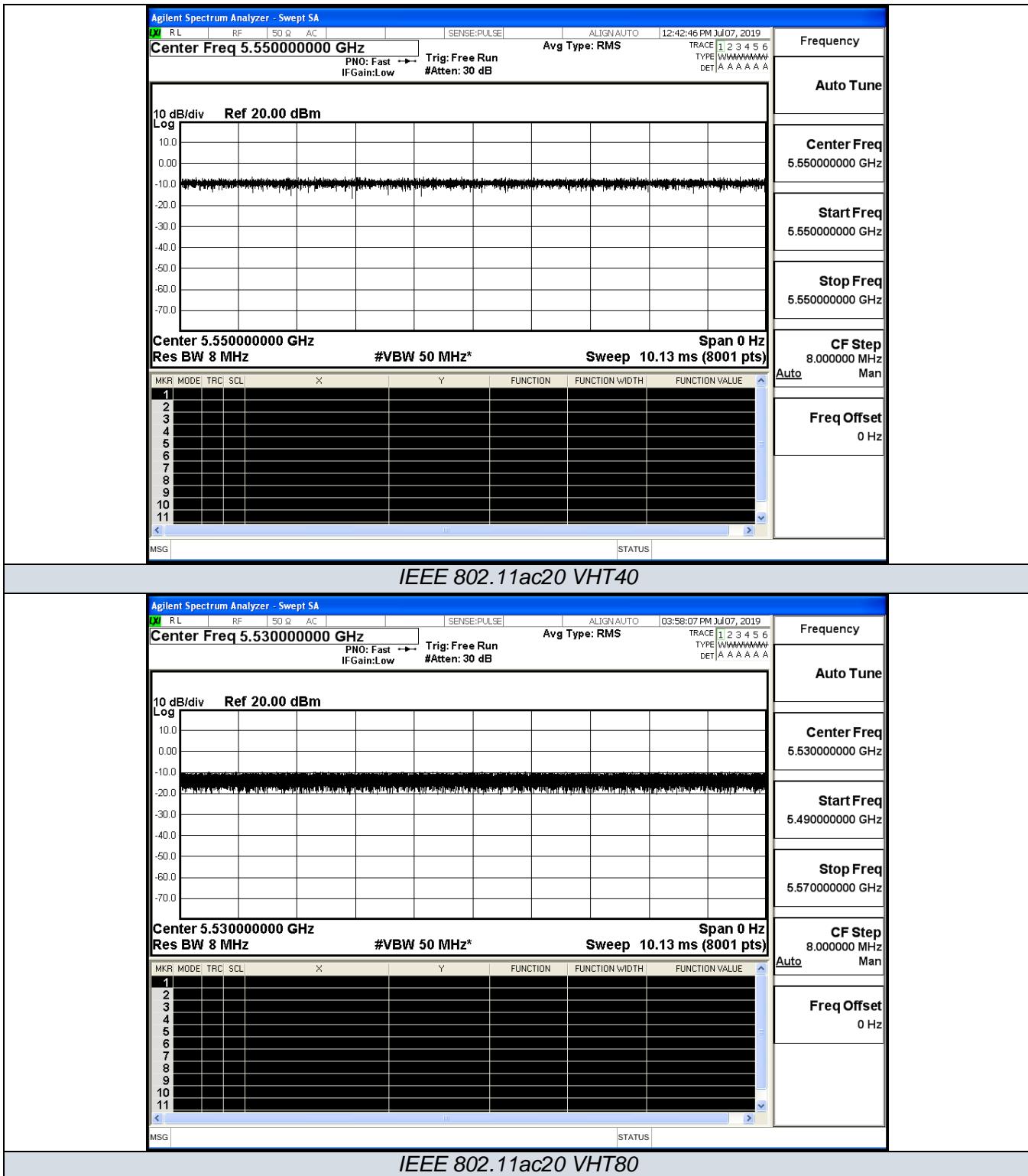


IEEE 802.11a

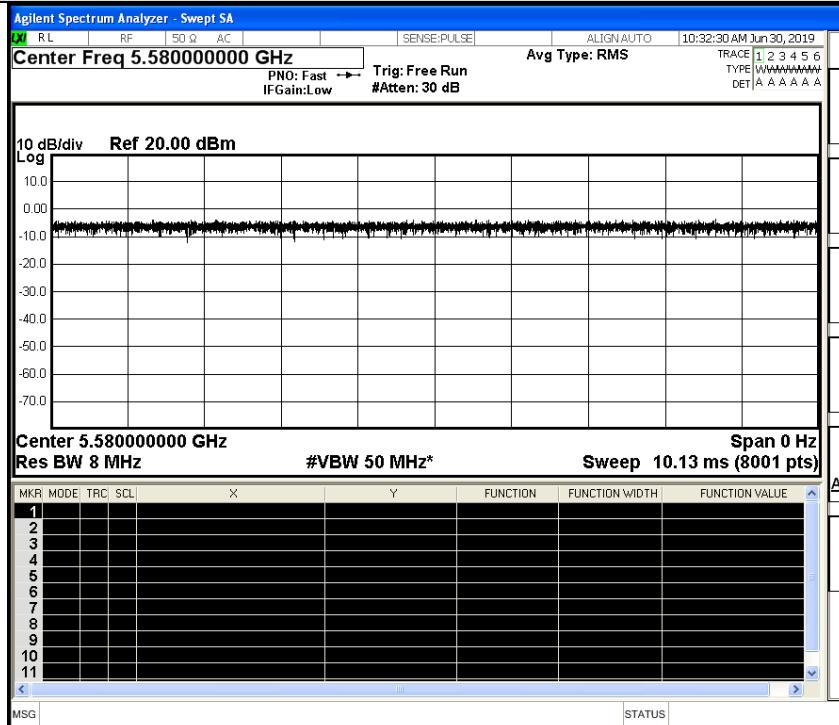


IEEE 802.11n HT20





On Time and Duty Cycle Ant 1

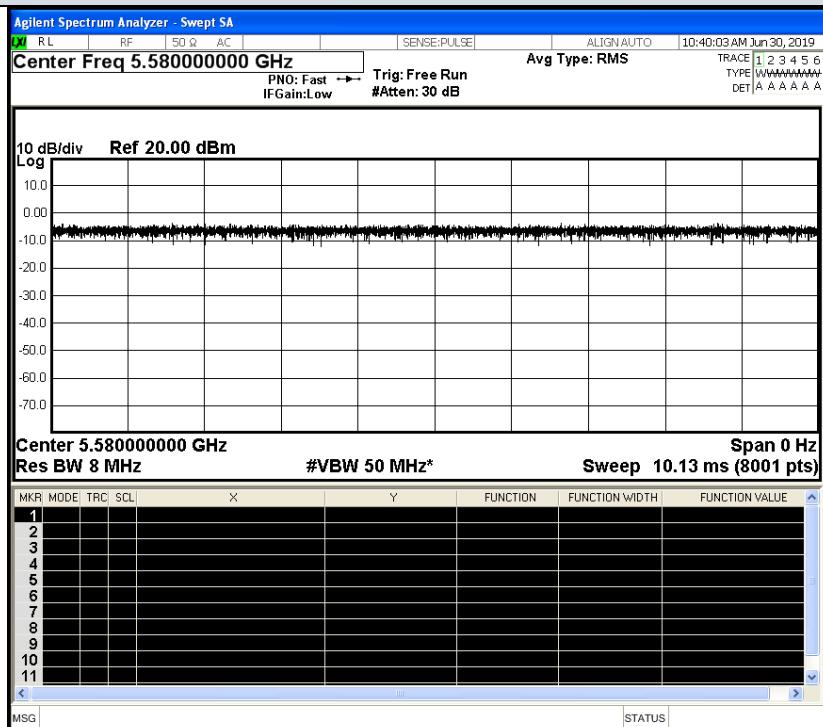


Frequency

Auto Tune

Center Freq
5.580000000 GHzStart Freq
5.580000000 GHzStop Freq
5.580000000 GHzCF Step
8.000000 MHz
Auto ManFreq Offset
0 Hz

IEEE 802.11a

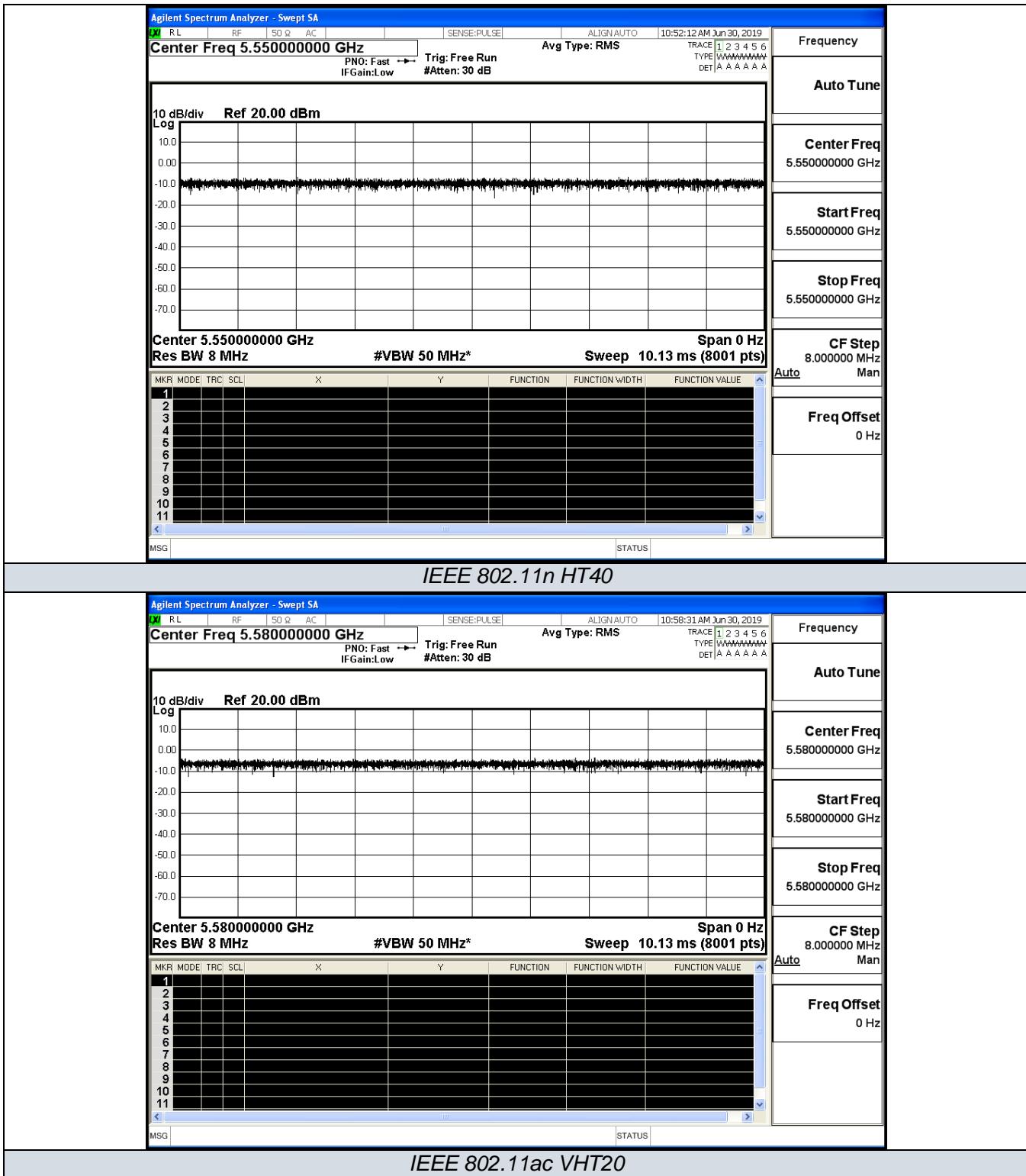


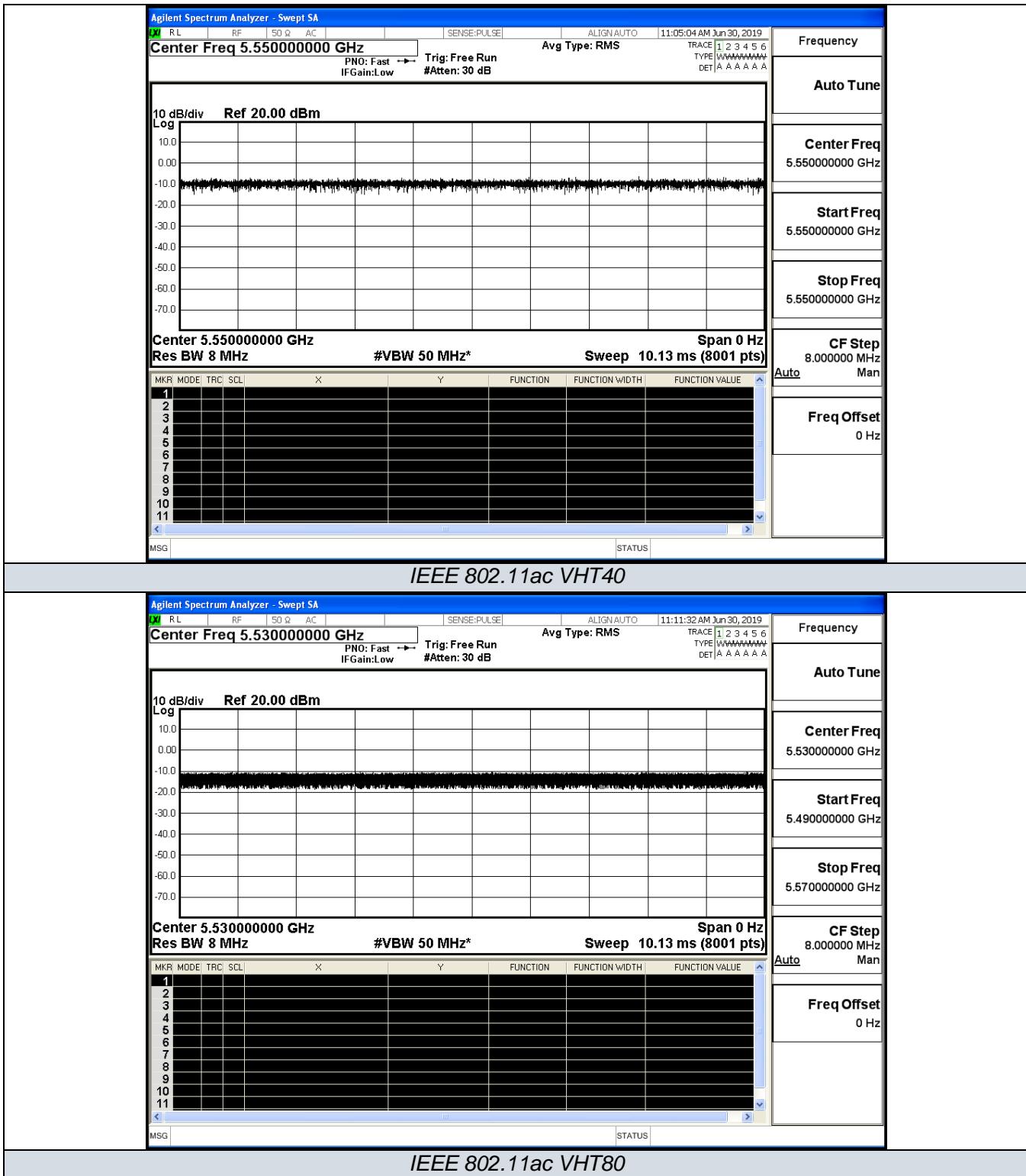
Frequency

Auto Tune

Center Freq
5.580000000 GHzStart Freq
5.580000000 GHzStop Freq
5.580000000 GHzCF Step
8.000000 MHz
Auto ManFreq Offset
0 Hz

IEEE 802.11n HT20





G.2 Maximum Conduct Output Power

Antenna 0

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)	Duty Cycle Factor (dB)	Report AVG Conducted Power (dBm)	Limit (dBm)
11A	100	5500	15.80	0	15.80	24.00
	116	5580	15.36	0	15.36	
	140	5700	15.42	0	15.42	
11N20 SISO	100	5500	15.82	0	15.82	24.00
	116	5580	15.15	0	15.15	
	140	5700	15.29	0	15.29	
11N40 SISO	102	5510	14.03	0	14.03	24.00
	110	5550	13.77	0	13.77	
	134	5670	14.11	0	14.11	
11ac20 SISO	100	5500	15.19	0	15.19	24.00
	116	5580	15.22	0	15.22	
	140	5700	15.26	0	15.26	
11ac40 SISO	102	5510	14.87	0	14.87	24.00
	110	5550	14.75	0	14.75	
	134	5670	14.11	0	14.11	
11ac80 SISO	106	5530	13.43	0	13.43	24.00

Antenna 1

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)	Duty Cycle Factor (dB)	Report AVG Conducted Power (dBm)	Limit (dBm)
11A	100	5500	15.66	0	15.66	24.00
	116	5580	15.01	0	15.01	
	140	5700	15.06	0	15.06	
11N20 SISO	100	5500	15.38	0	15.38	24.00
	116	5580	14.96	0	14.96	
	140	5700	15.32	0	15.32	
11N40 SISO	102	5510	14.08	0	14.08	24.00
	110	5550	14.84	0	14.84	
	134	5670	14.29	0	14.29	
11ac20 SISO	100	5500	15.33	0	15.33	24.00
	116	5580	15.27	0	15.27	
	140	5700	15.37	0	15.37	
11ac40 SISO	102	5510	14.09	0	14.09	24.00
	110	5550	14.66	0	14.66	
	134	5670	14.01	0	14.01	
11ac80 SISO	106	5530	14.06	0	14.06	24.00

ANT0+ANT1:

Test Mode	Channel	Frequency (MHz)	Duty Cycle Factor (dB)	Report AVG Conducted Power (dBm)			Limit (dBm)
				Ant0	Ant1	Sum	
11N20 MIMO	100	5500	0	15.82	15.38	18.62	24.00
	116	5580	0	15.15	14.96	18.07	
	140	5700	0	15.29	15.32	18.32	
11N40 MIMO	102	5510	0	14.03	14.08	17.07	24.00
	110	5550	0	13.77	14.84	17.35	
	134	5670	0	14.11	14.29	17.21	
11ac20 MIMO	100	5500	0	15.19	15.33	18.27	24.00
	116	5580	0	15.22	15.27	18.26	
	140	5700	0	15.26	15.37	18.33	
11ac40 MIMO	102	5510	0	14.87	14.09	17.51	24.00
	110	5550	0	14.75	14.66	17.72	
	134	5670	0	14.11	14.01	17.07	
11ac80 MIMO	106	5530	0	13.43	14.06	16.77	24.00

G.3 Power Spectral Density

Antenna 0

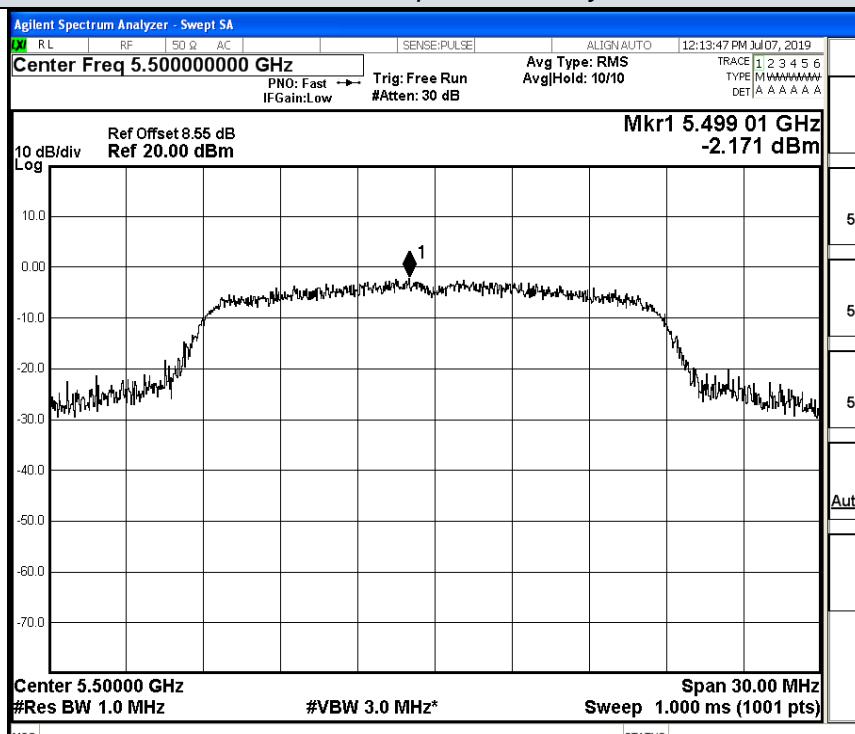
Test Mode	Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Cycle Factor (dB)	Report Power Density (dBm/MHz)	Limit (dBm/MHz)
11A	100	5500	-2.171	0	-2.171	11.00
	116	5580	0.221	0	0.221	
	140	5700	3.303	0	3.303	
11N20 SISO	100	5500	-2.200	0	-2.200	11.00
	116	5580	0.479	0	0.479	
	140	5700	3.468	0	3.468	
11N40 SISO	102	5510	-5.104	0	-5.104	11.00
	110	5550	-3.000	0	-3.000	
	134	5670	-0.362	0	-0.362	
11AC20 SISO	100	5500	-2.095	0	-2.095	11.00
	116	5580	0.964	0	0.964	
	140	5700	3.270	0	3.270	
11AC40 SISO	102	5510	-4.895	0	-4.895	11.00
	110	5550	-2.722	0	-2.722	
	134	5670	-0.467	0	-0.467	
11AC80 SISO	106	5530	-7.824	0	-7.824	11.00

Antenna 1

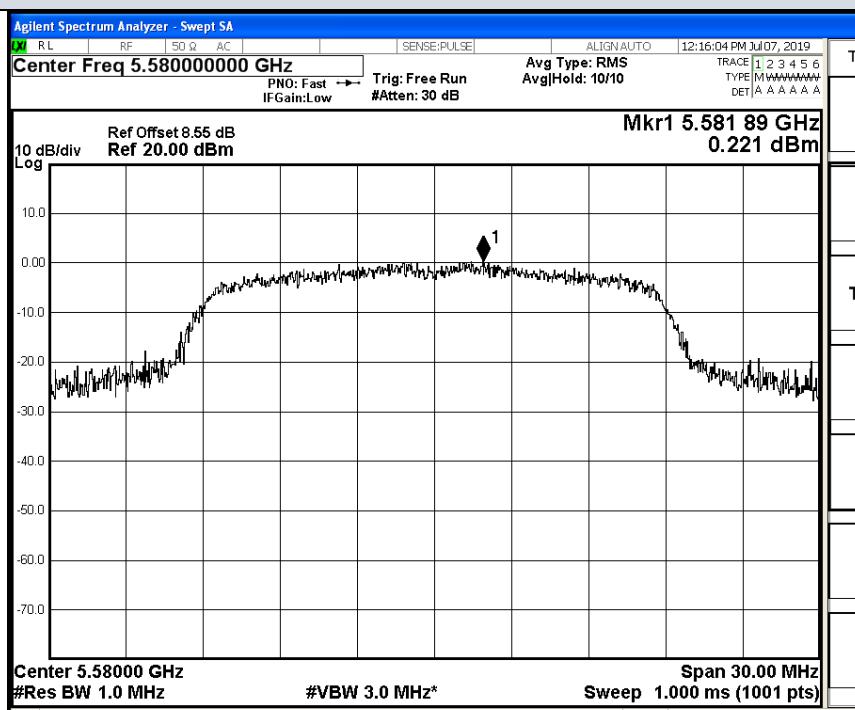
Test Mode	Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Cycle Factor (dB)	Report Power Density (dBm/MHz)	Limit (dBm/MHz)
11A	100	5500	-1.784	0	-1.784	11.00
	116	5580	-0.343	0	-0.343	
	140	5700	2.269	0	2.269	
11N20 SISO	100	5500	-2.235	0	-2.235	11.00
	116	5580	-0.269	0	-0.269	
	140	5700	1.942	0	1.942	
11N40 SISO	102	5510	-5.511	0	-5.511	11.00
	110	5550	-3.536	0	-3.536	
	134	5670	-1.640	0	-1.640	
11AC20 SISO	100	5500	-2.515	0	-2.515	11.00
	116	5580	-0.567	0	-0.567	
	140	5700	2.620	0	2.620	
11AC40 SISO	102	5510	-5.363	0	-5.363	11.00
	110	5550	-3.204	0	-3.204	
	134	5670	-1.791	0	-1.791	
11AC80 SISO	106	5530	-8.882	0	-8.882	11.00

ANT0+ANT1:

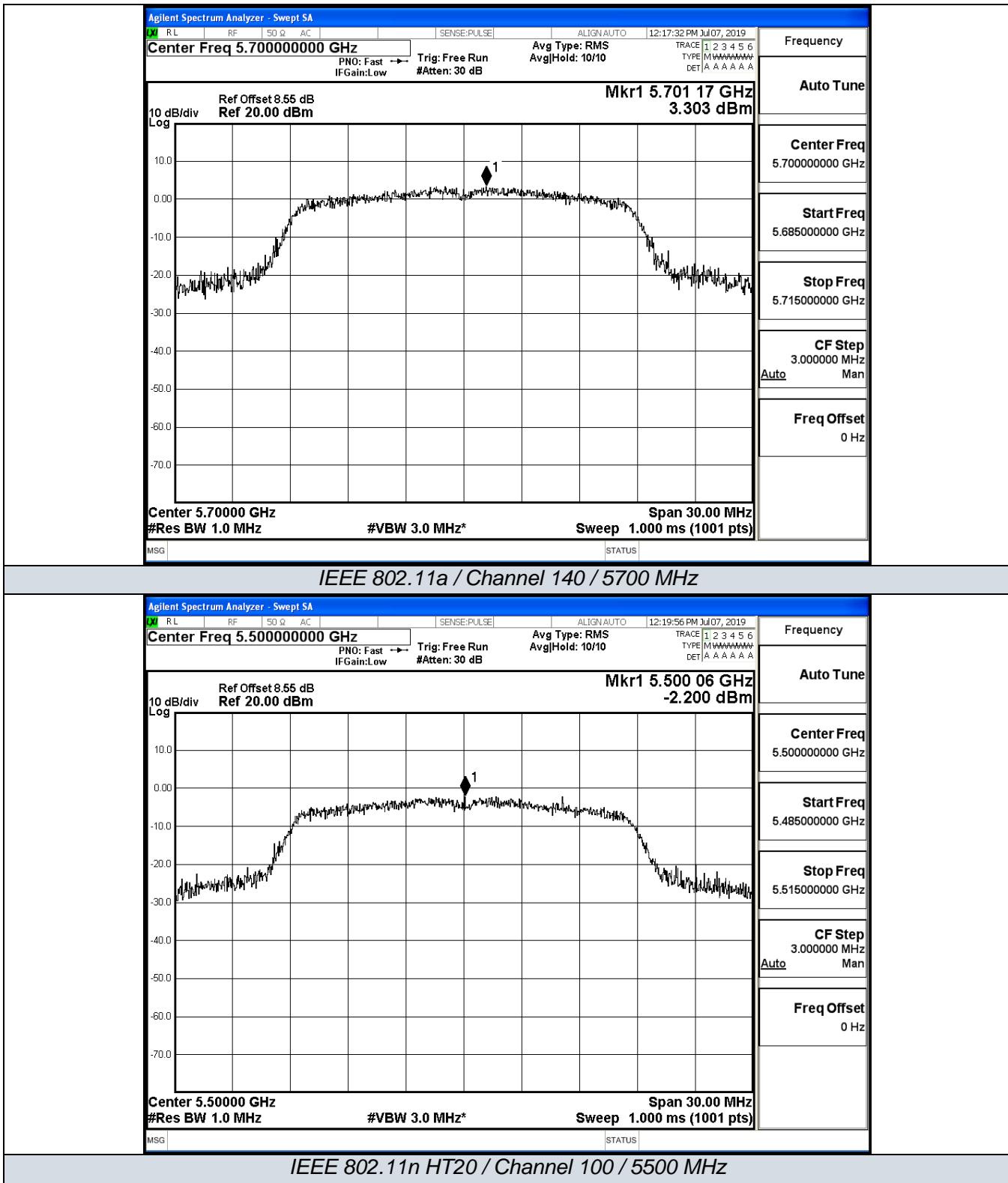
Test Mode	Channel	Frequency (MHz)	Duty Cycle Factor (dB)	Report Power Density (dBm/MHz)			Limit (dBm/MHz)
				Ant0	Ant1	Sum	
11N20 MIMO	100	5500	0	-2.200	-2.235	0.793	11.00
	116	5580	0	0.479	-0.269	3.131	
	140	5700	0	3.468	1.942	5.782	
11N40 MIMO	102	5510	0	-5.104	-5.511	-2.292	11.00
	110	5550	0	-3.000	-3.536	-0.249	
	134	5670	0	-0.362	-1.640	2.056	
11ac20 MIMO	100	5500	0	-2.095	-2.515	0.710	11.00
	116	5580	0	0.964	-0.567	3.276	
	140	5700	0	3.270	2.620	5.967	
11ac40 MIMO	102	5510	0	-4.895	-5.363	-2.112	11.00
	110	5550	0	-2.722	-3.204	0.054	
	134	5670	0	-0.467	-1.791	1.932	
11ac80 MIMO	106	5530	0	-7.824	-8.882	-5.311	11.00

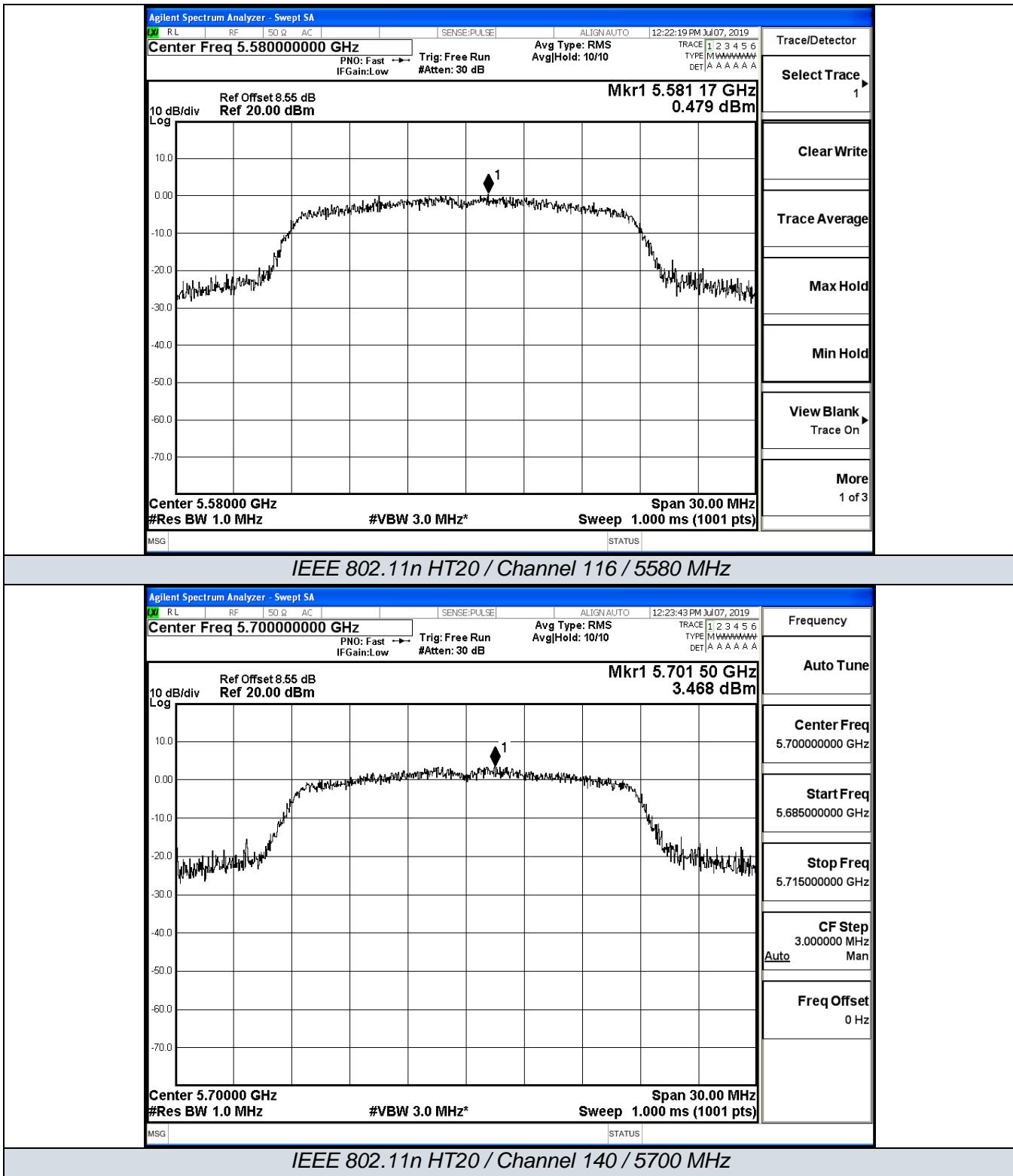


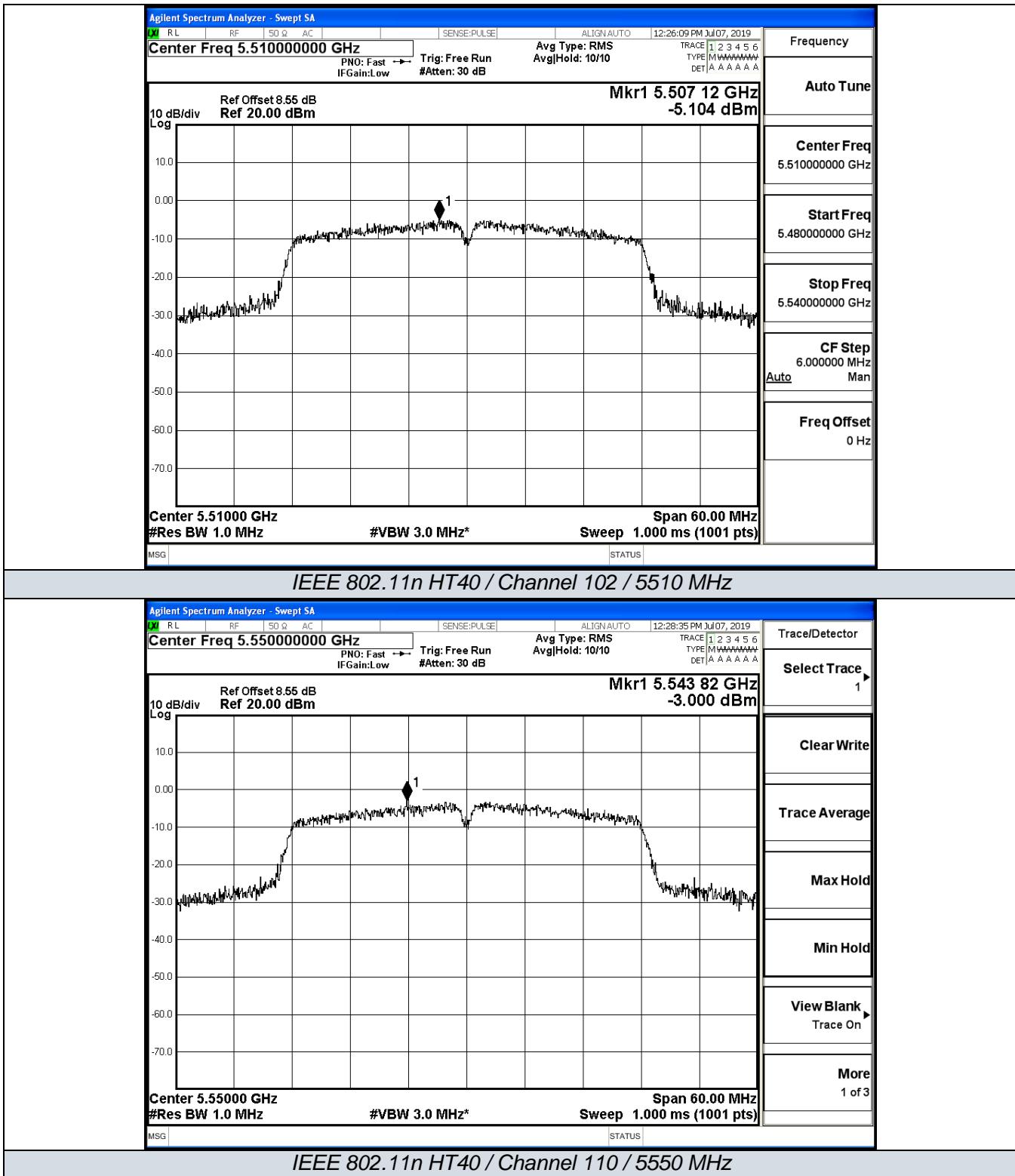
IEEE 802.11a / Channel 100 / 5500 MHz

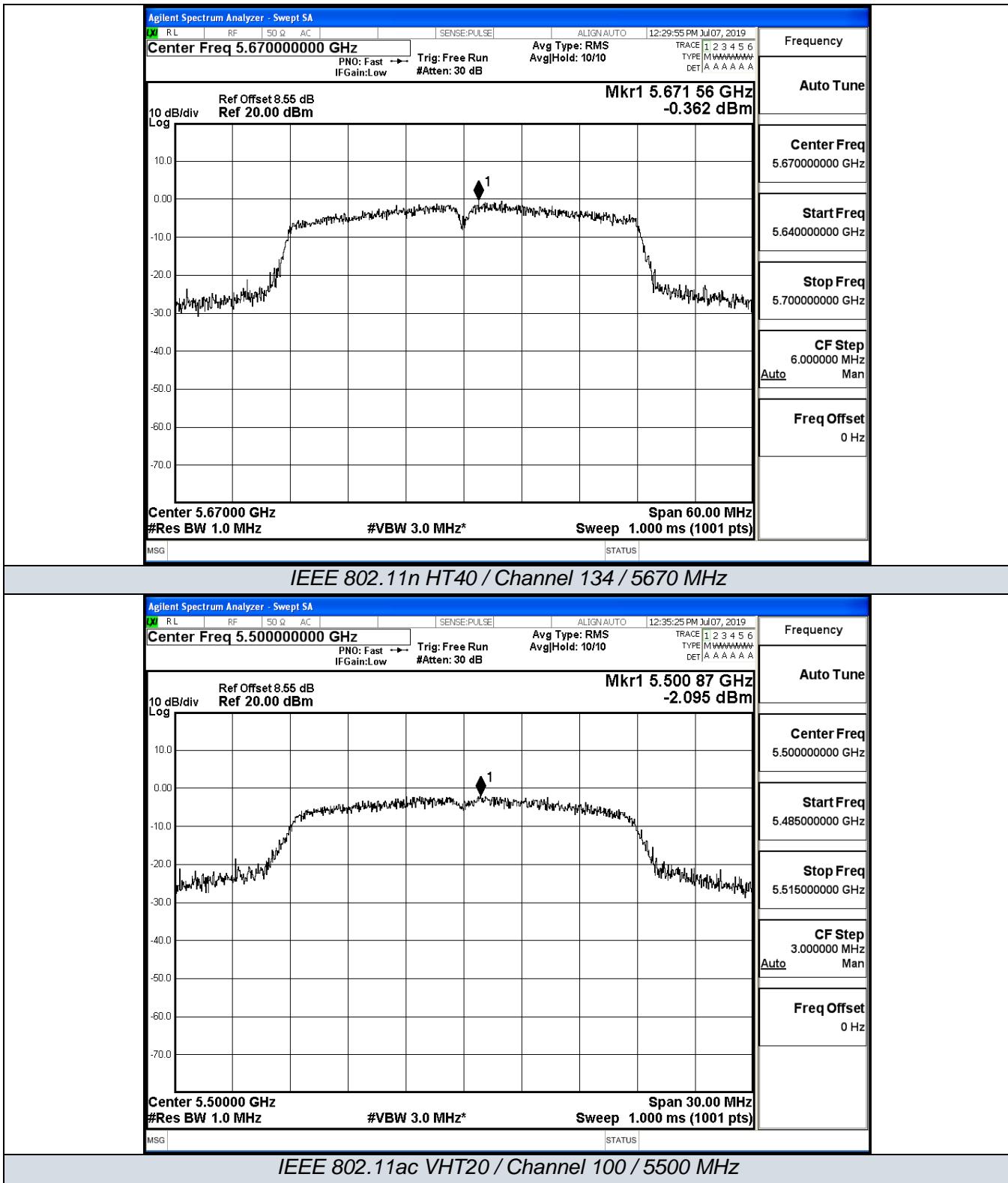


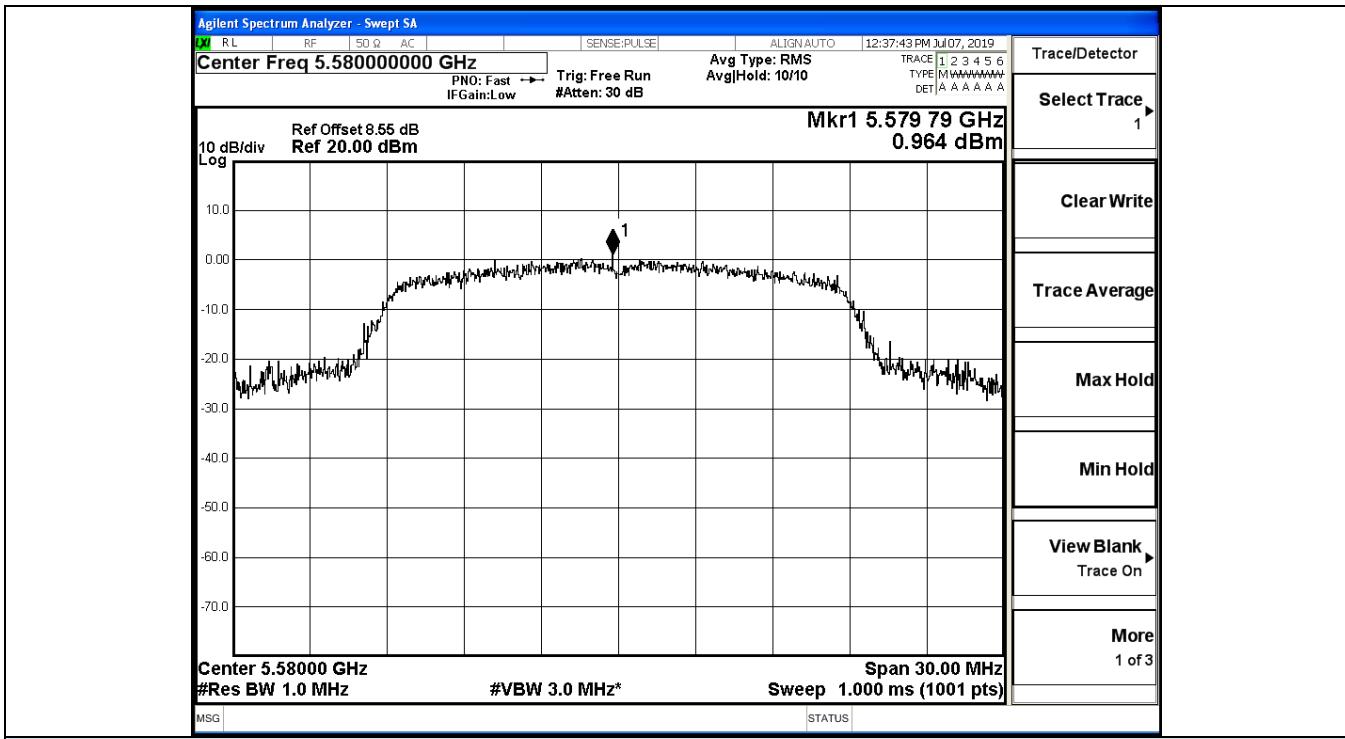
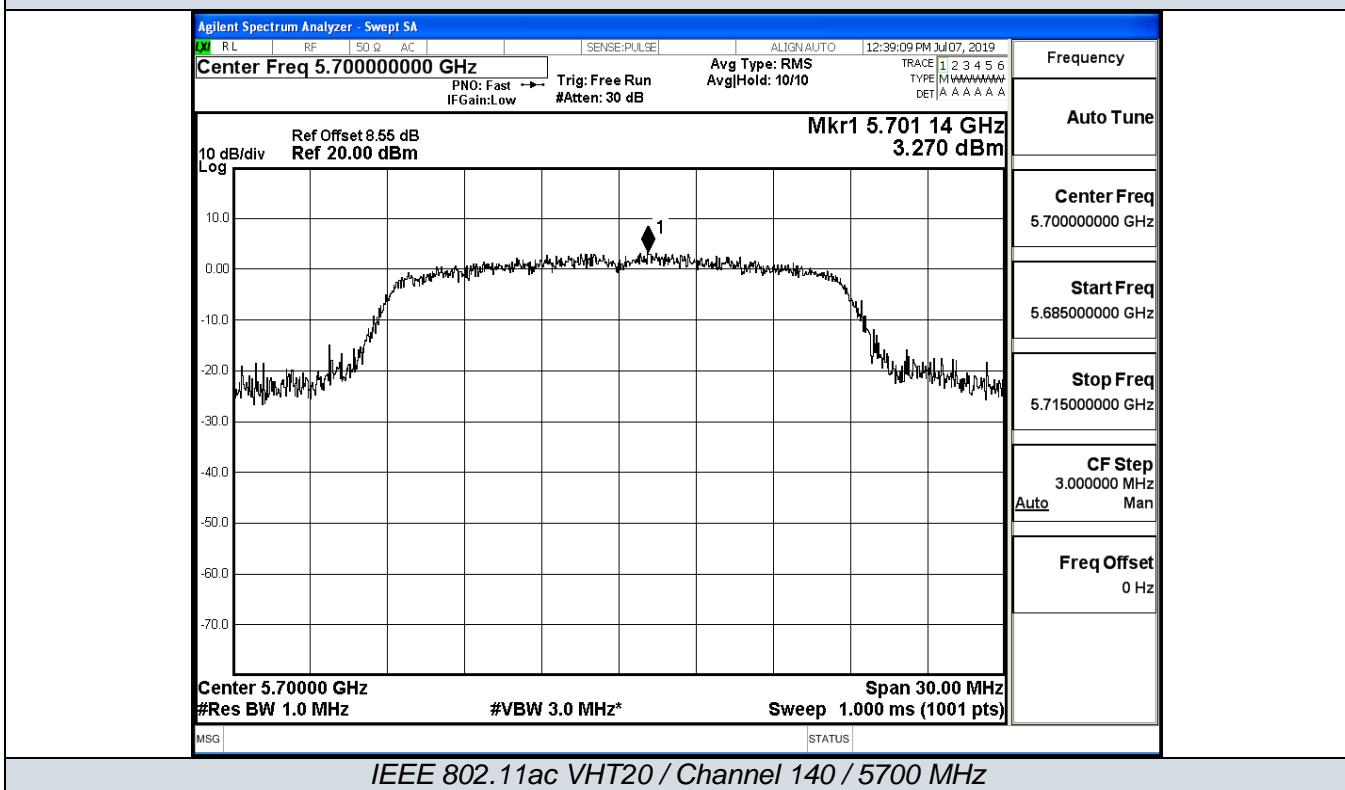
STATUS

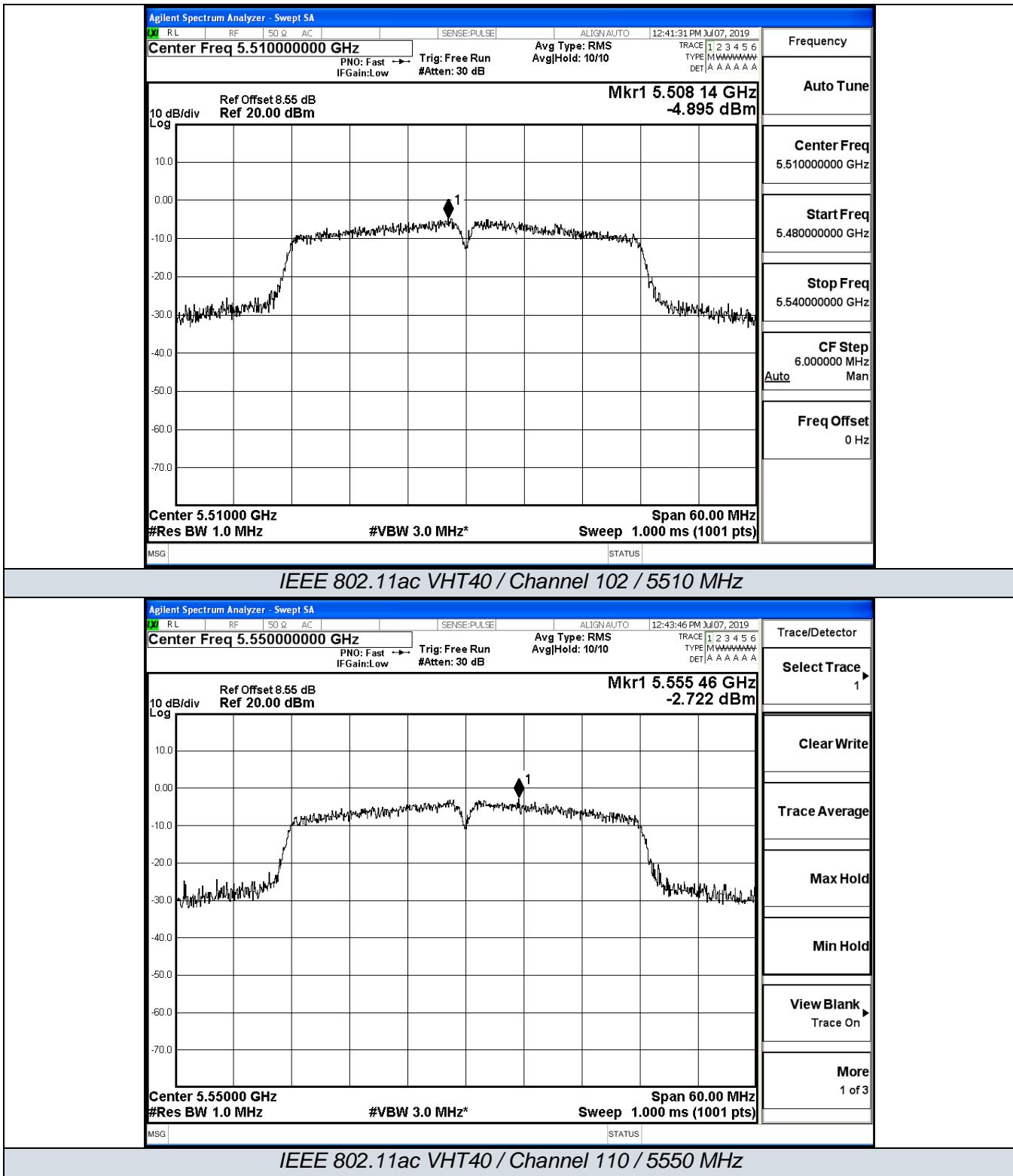


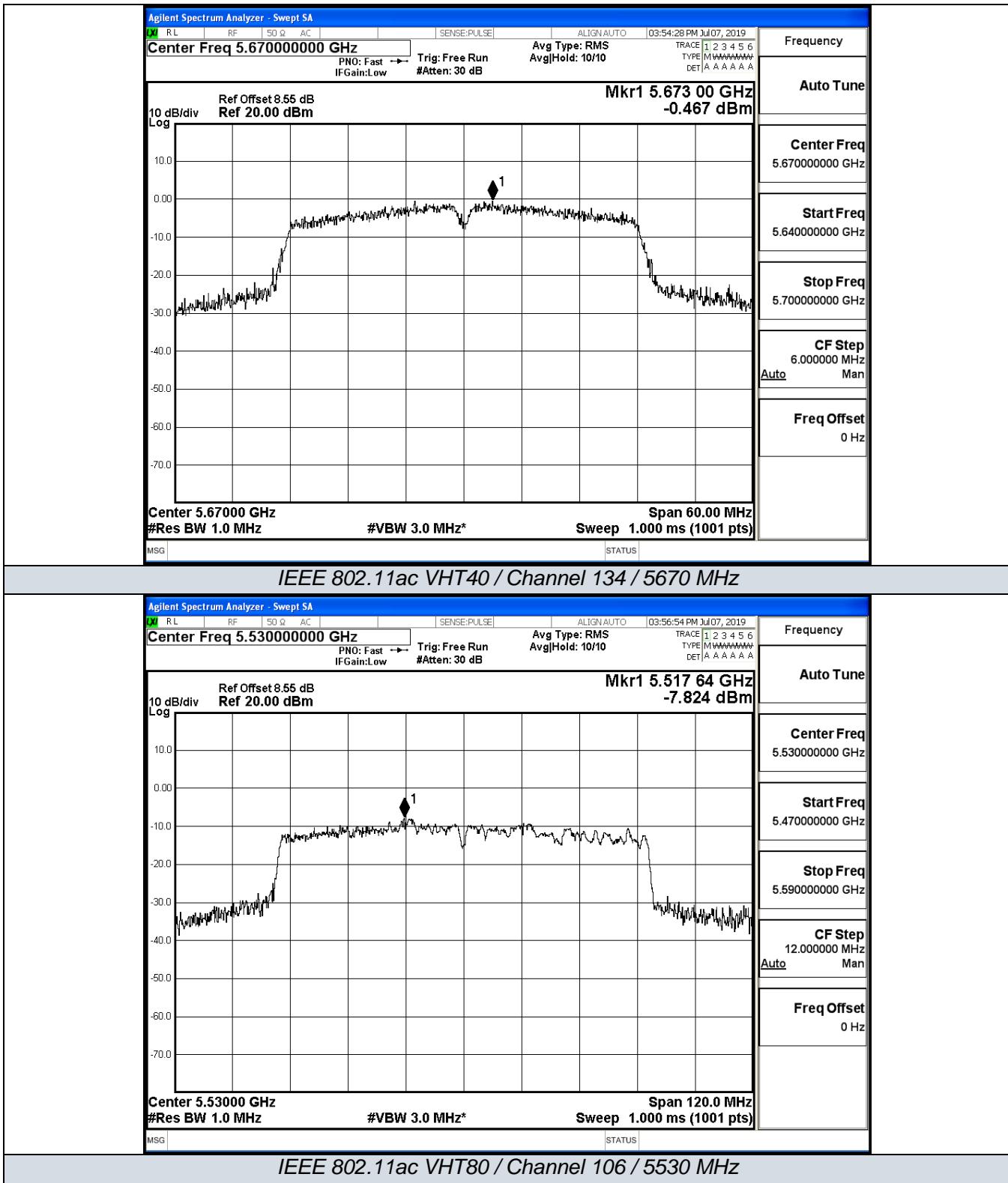




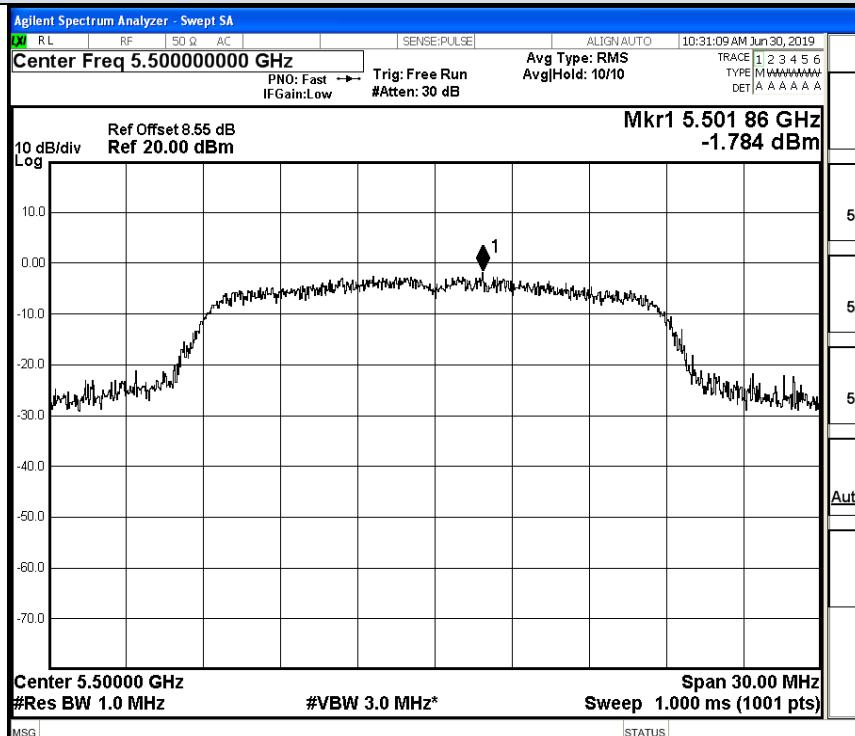


**IEEE 802.11ac VHT20 / Channel 116 / 5580 MHz****IEEE 802.11ac VHT20 / Channel 140 / 5700 MHz**



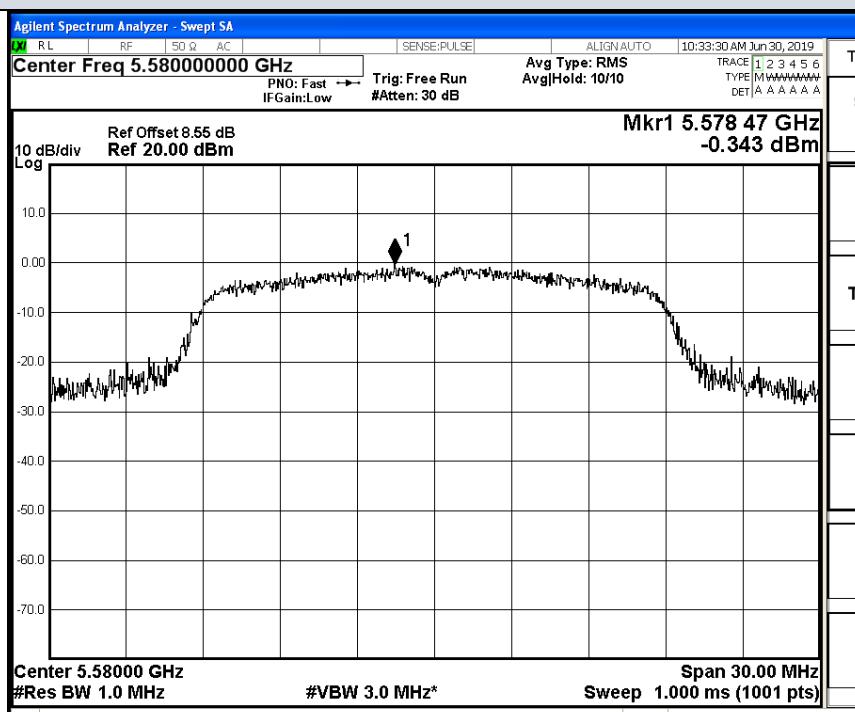


Power Spectral Density Ant 1



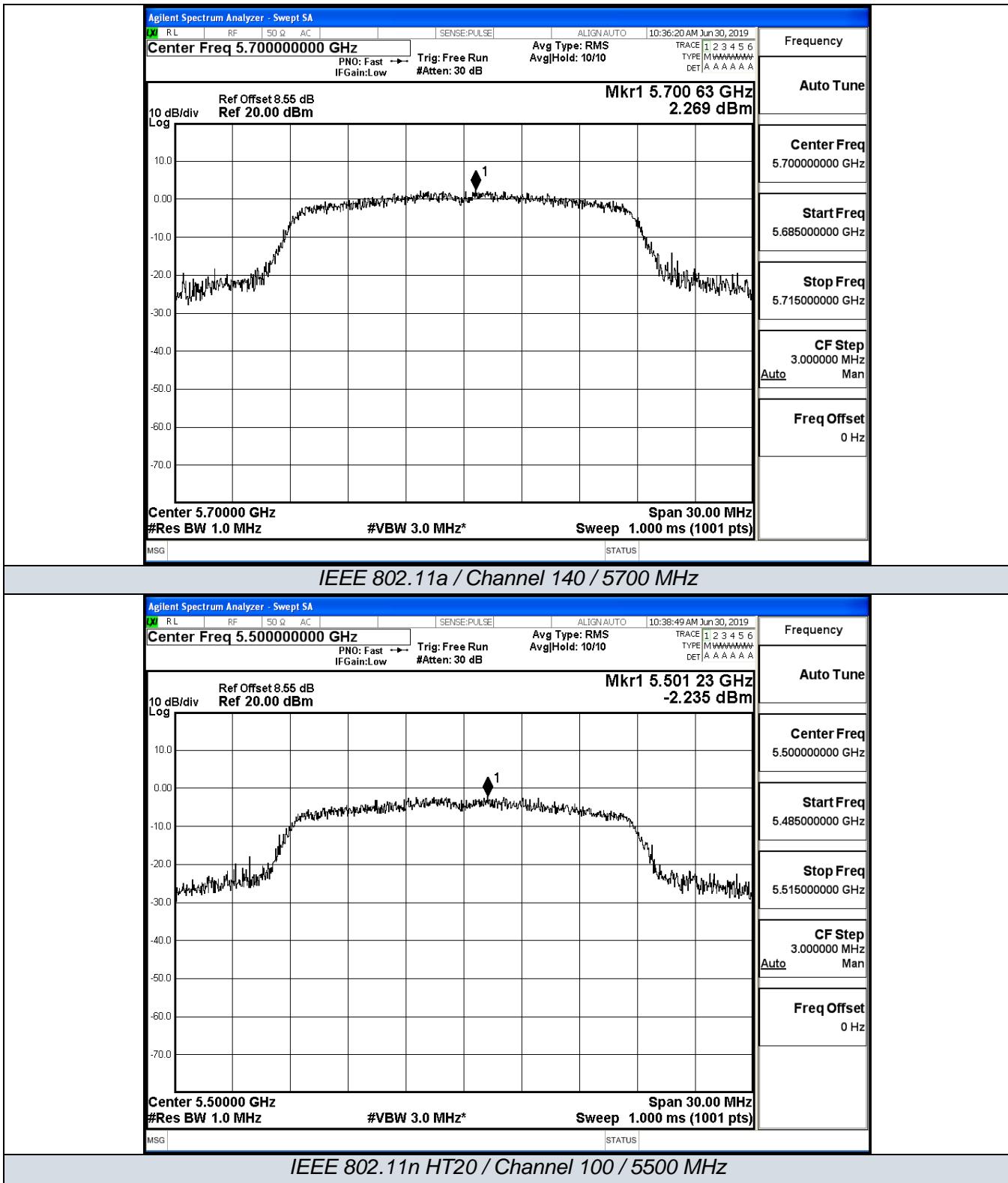
Frequency
Auto Tune
Center Freq 5.500000000 GHz
Start Freq 5.485000000 GHz
Stop Freq 5.515000000 GHz
CF Step 3.000000 MHz Auto
Freq Offset 0 Hz

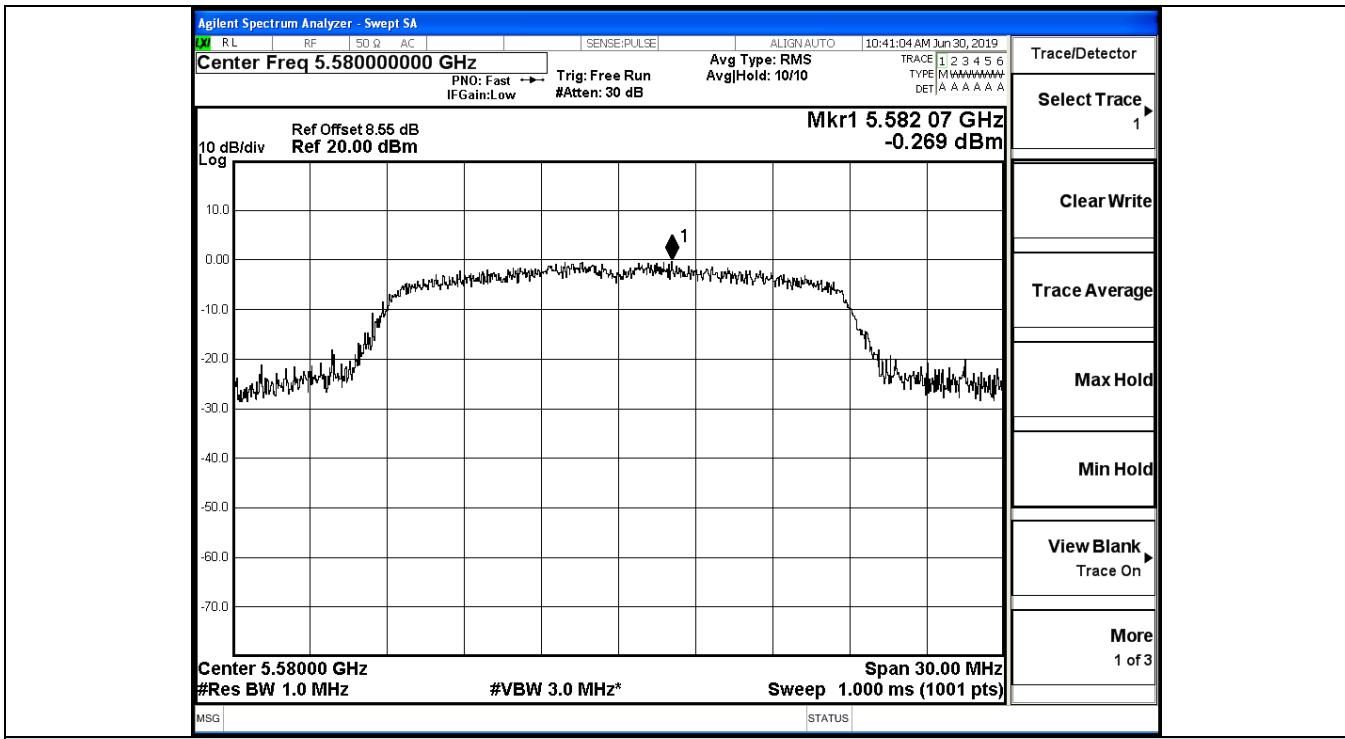
IEEE 802.11a / Channel 100 / 5500 MHz



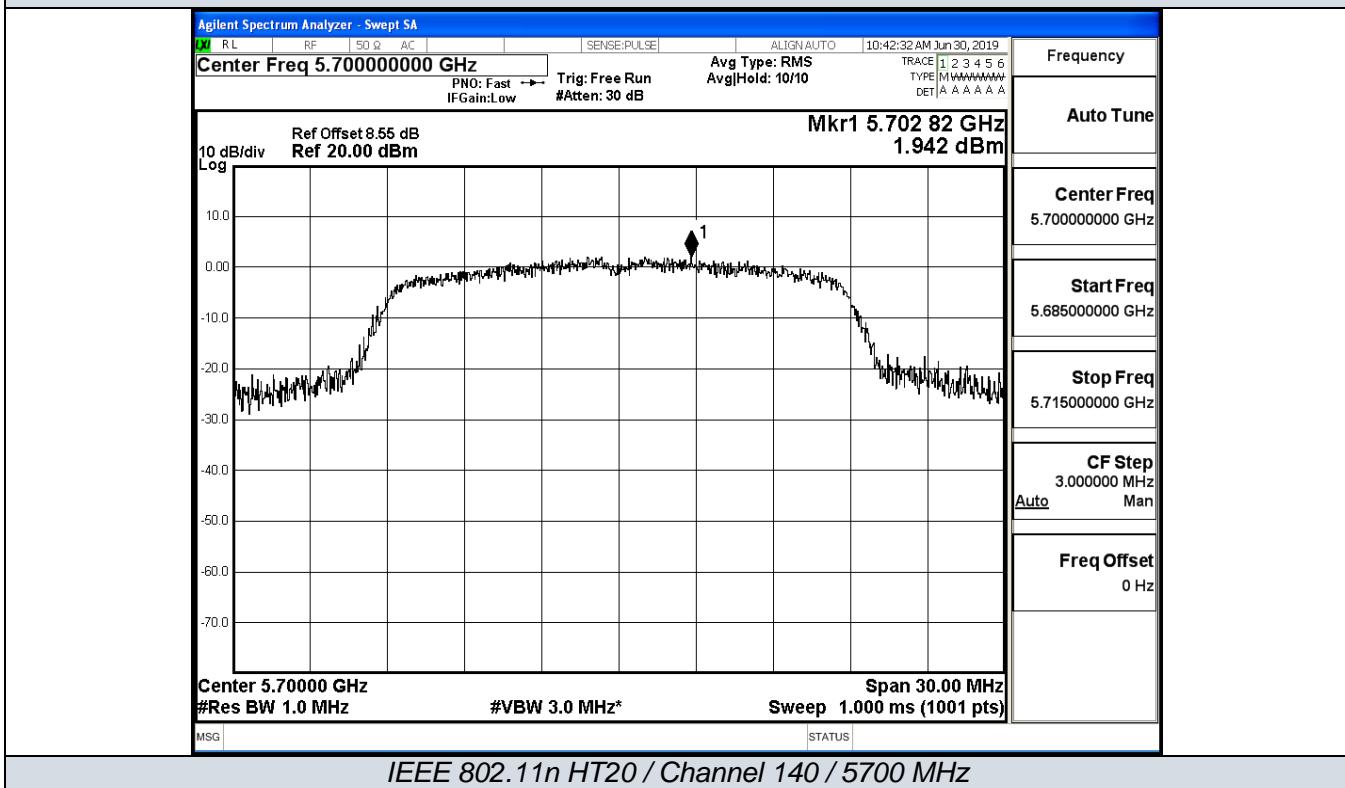
Trace/Detector
Select Trace 1
Clear Write
Trace Average
Max Hold
Min Hold
View Blank Trace On
More 1 of 3

IEEE 802.11a / Channel 116 / 5580 MHz

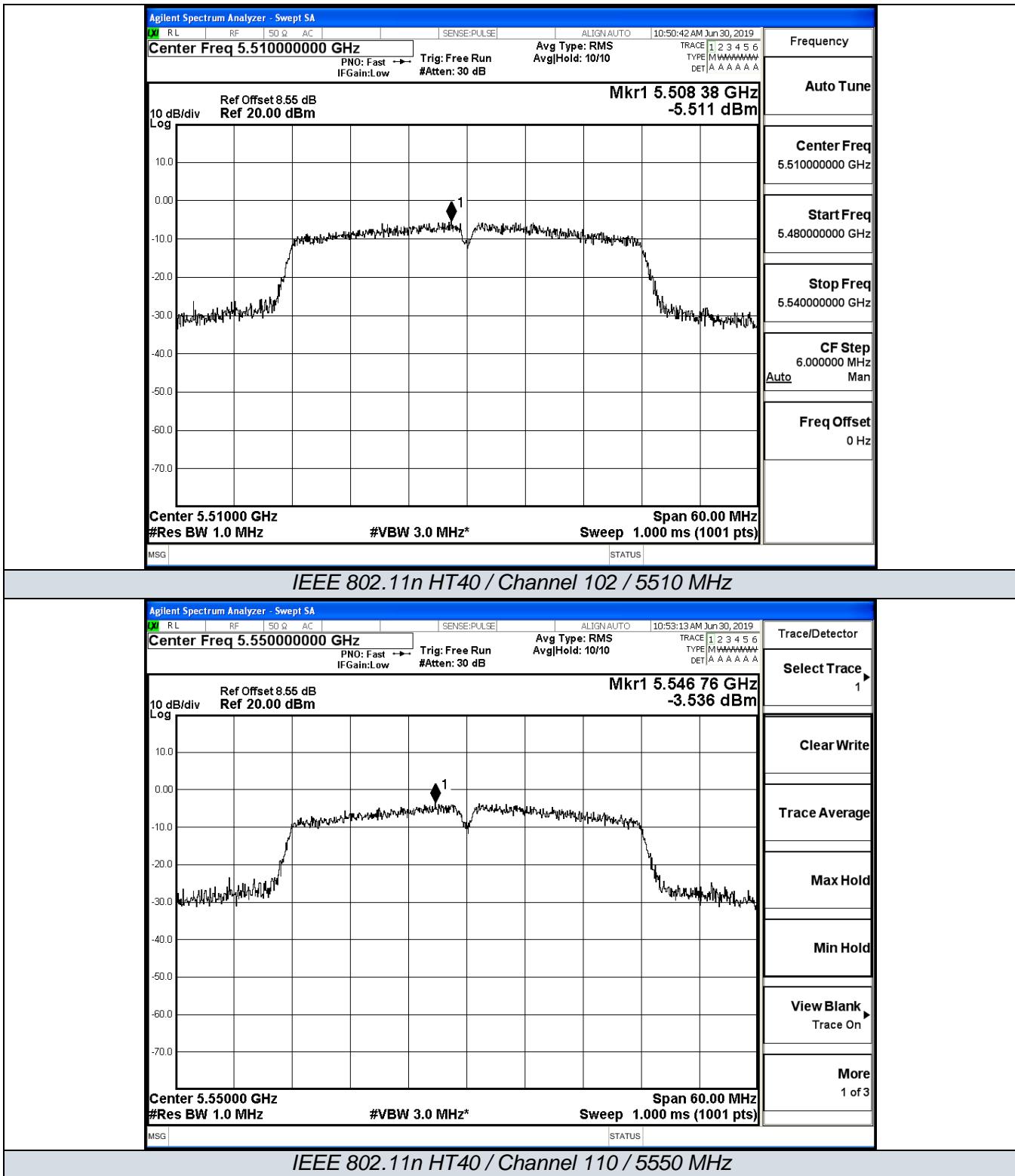


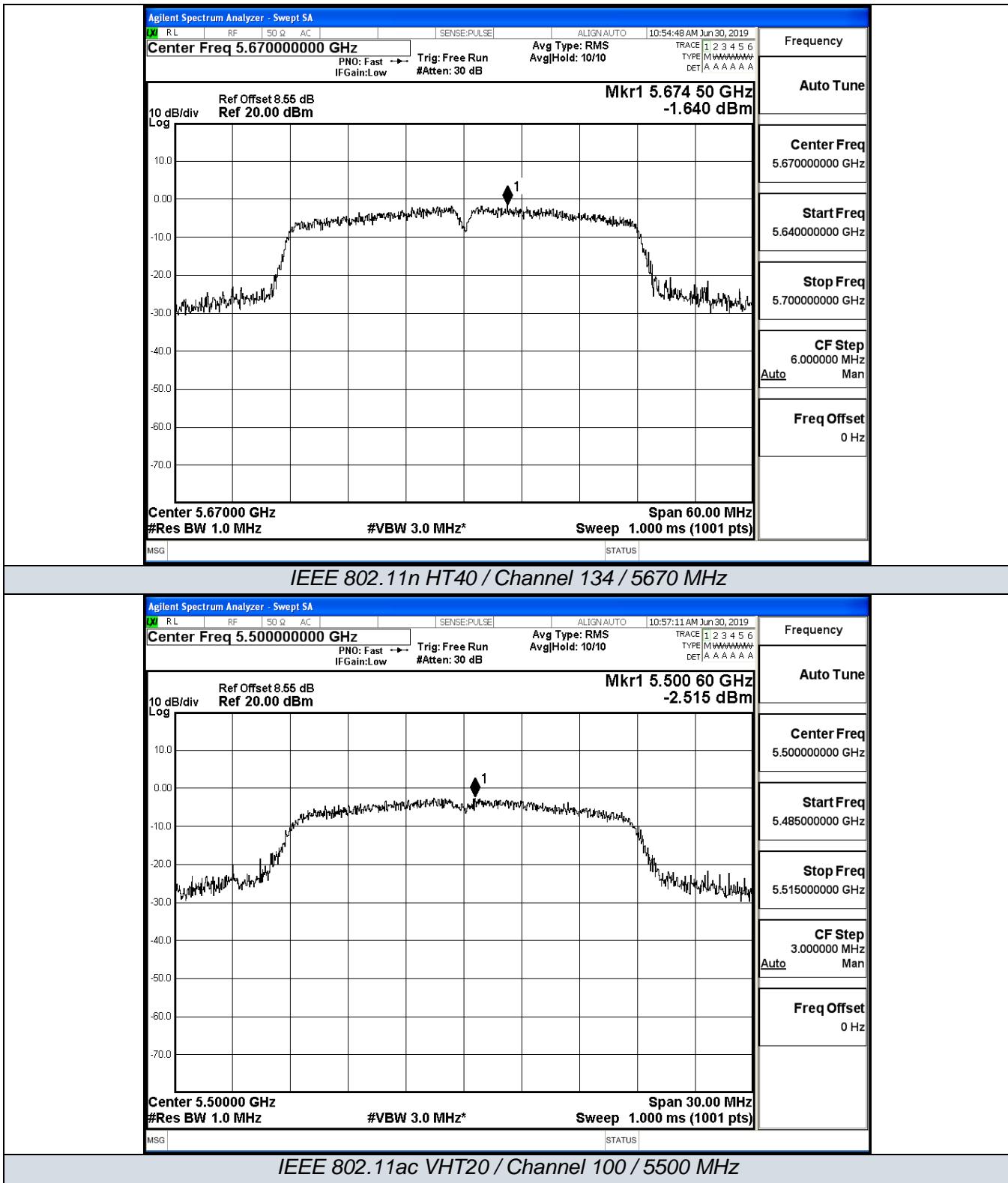


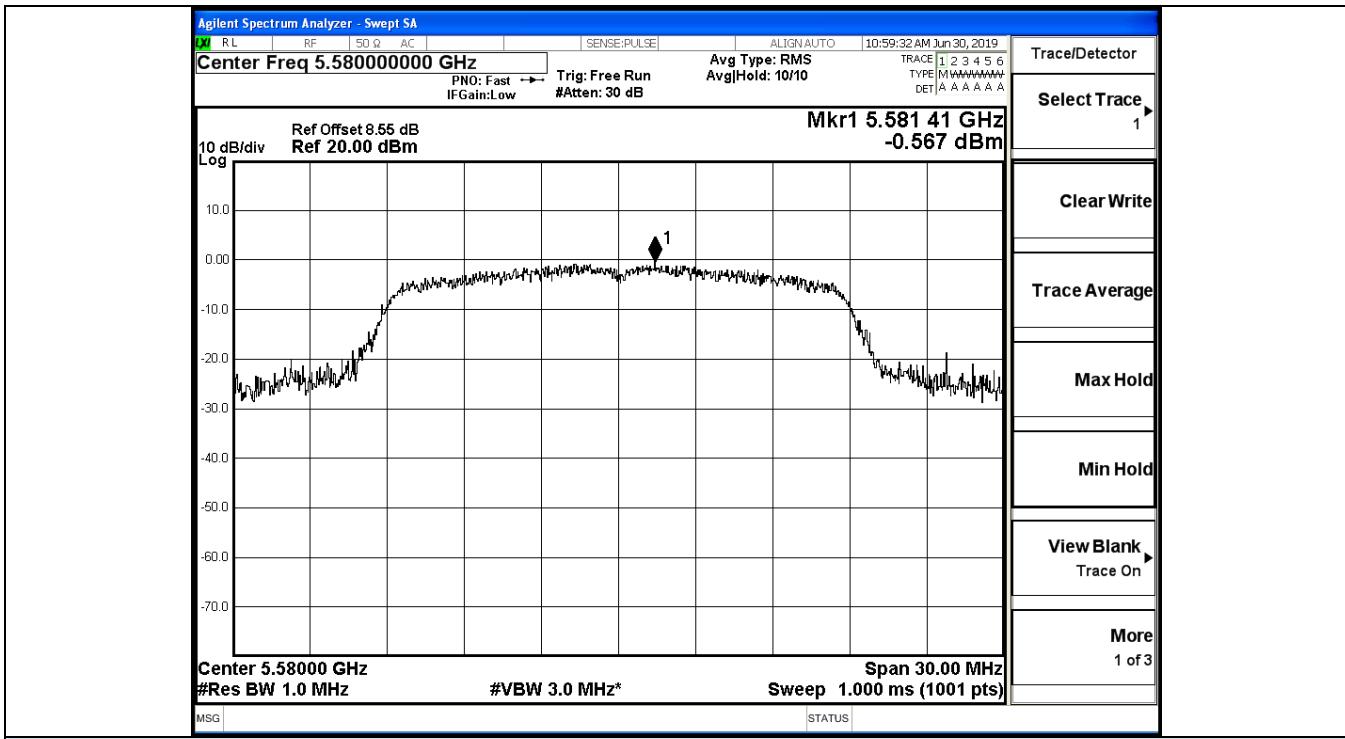
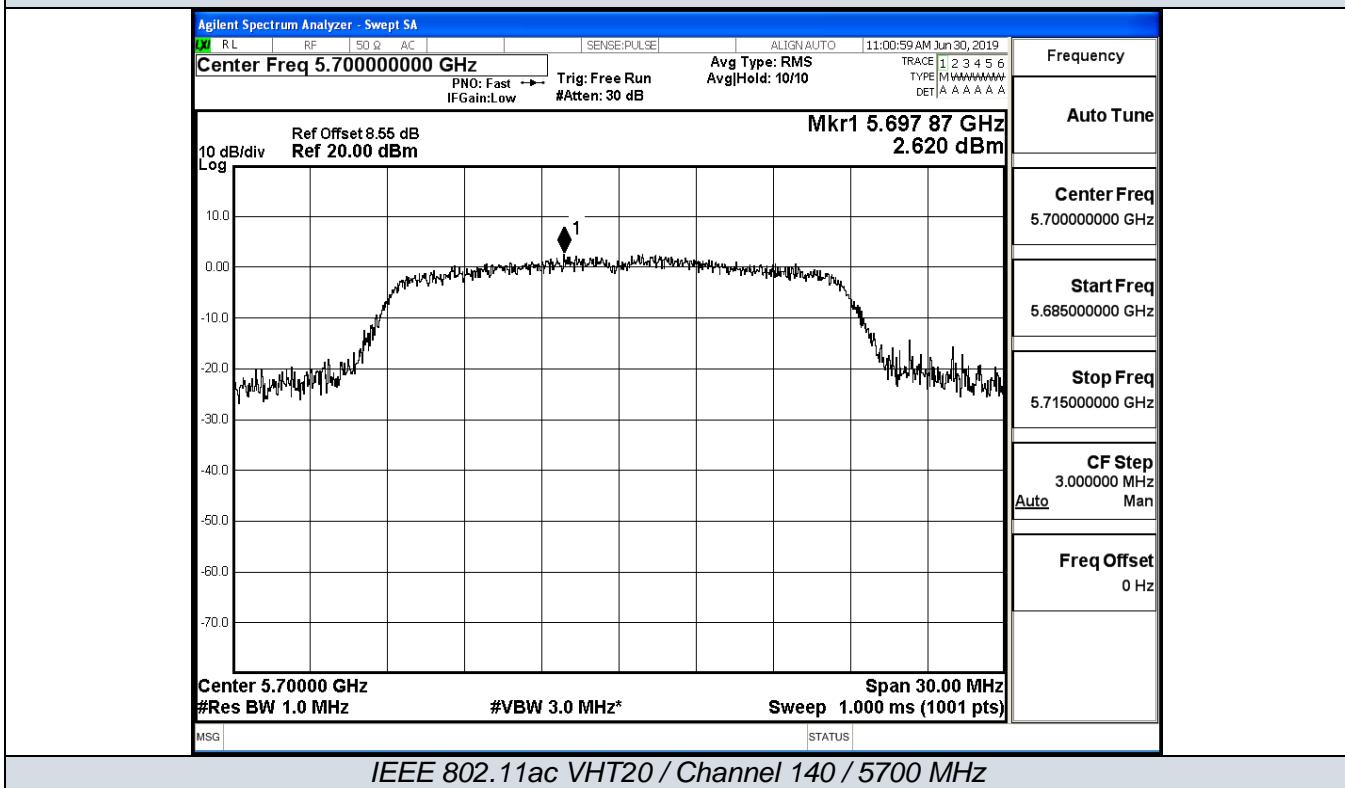
IEEE 802.11n HT20 / Channel 116 / 5580 MHz

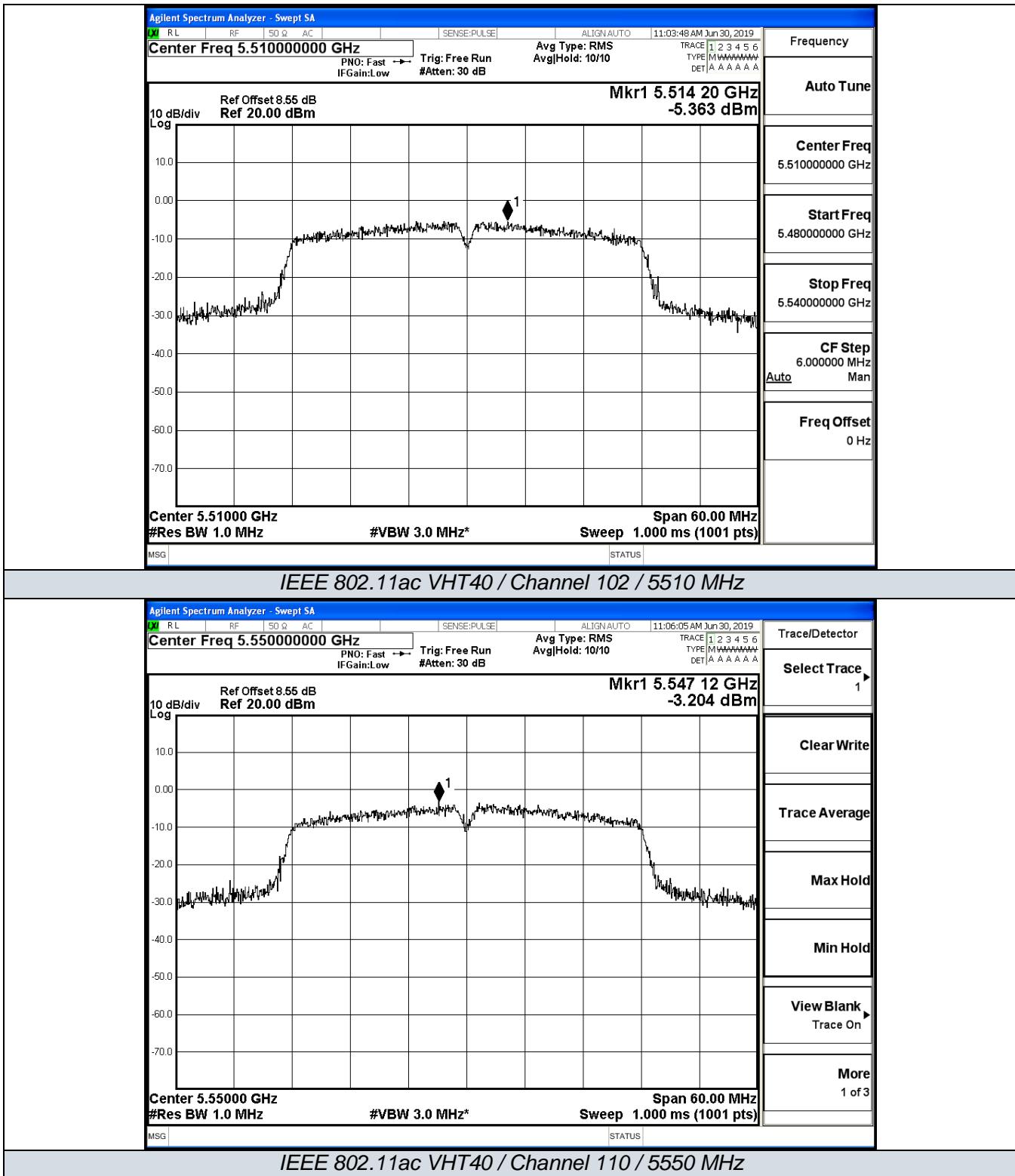


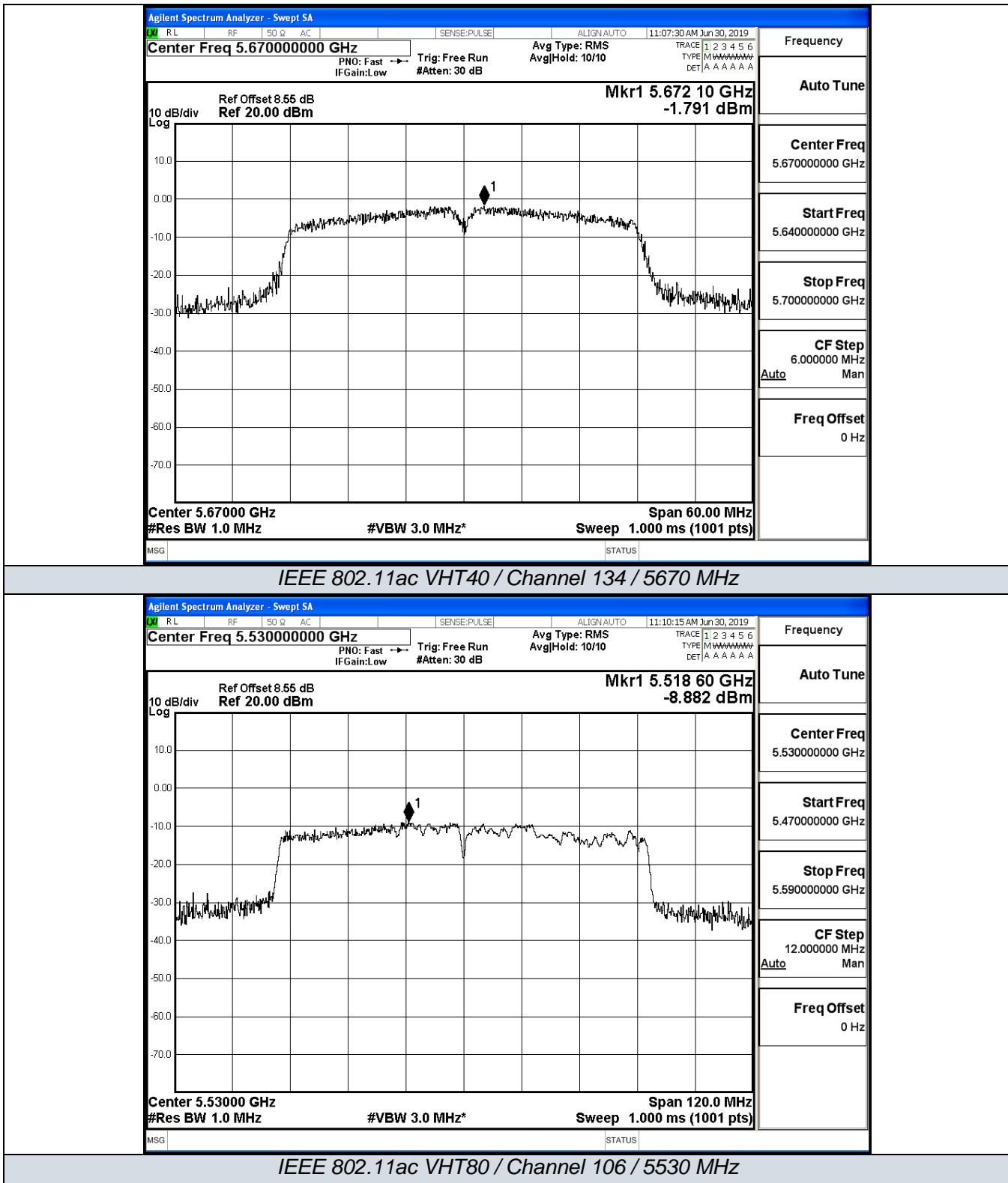
IEEE 802.11n HT20 / Channel 140 / 5700 MHz





*IEEE 802.11a VHT20 / Channel 116 / 5580 MHz**IEEE 802.11ac VHT20 / Channel 140 / 5700 MHz*





G.4 Emission Bandwidth

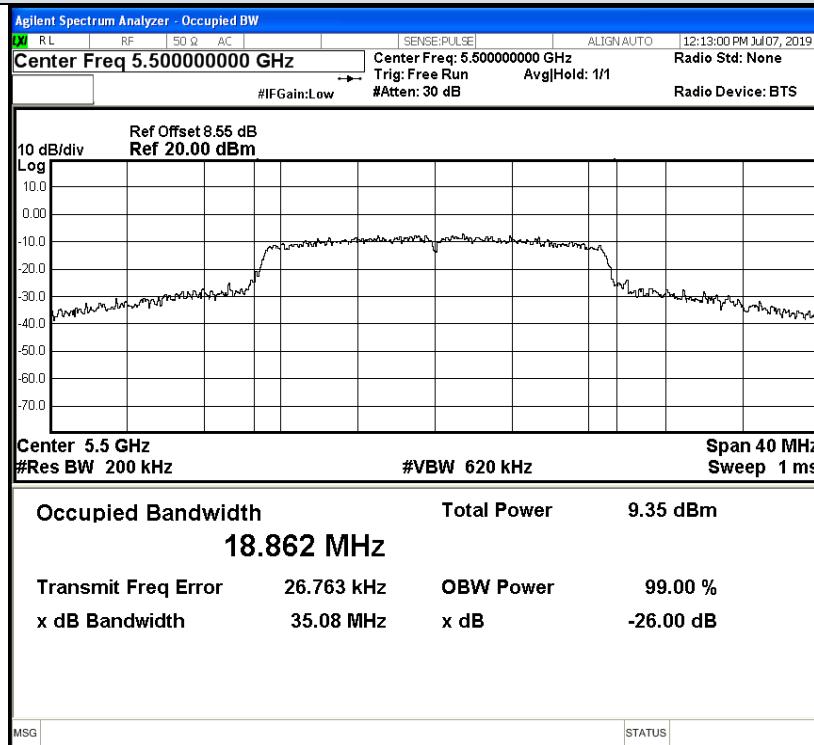
Antenna 0

Test Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)
11A	100	5500	35.080	18.862	No Limit
	120	5580	33.530	18.216	
	140	5700	33.310	17.934	
11N20 SISO	100	5500	34.290	18.964	No Limit
	120	5580	36.110	18.372	
	140	5700	30.950	17.932	
11N40 SISO	102	5510	71.080	37.276	No Limit
	118	5550	68.040	36.715	
	134	5670	67.160	36.605	
11AC20 SISO	100	5500	36.710	20.395	No Limit
	120	5580	35.210	18.271	
	140	5700	32.240	17.936	
11AC40 SISO	102	5510	70.530	37.014	No Limit
	118	5550	66.580	36.527	
	134	5670	67.920	36.484	
11AC80 SISO	106	5530	152.700	77.016	No Limit

Antenna 1

Test Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)
11A	100	5500	35.930	18.824	No Limit
	120	5580	30.520	18.137	
	140	5700	32.870	17.937	
11N20 SISO	100	5500	35.730	18.895	No Limit
	120	5580	30.960	18.066	
	140	5700	30.830	17.945	
11N40 SISO	102	5510	67.880	36.809	No Limit
	118	5550	64.710	36.727	
	134	5670	67.870	36.683	
11AC20 SISO	100	5500	35.060	18.796	No Limit
	120	5580	32.810	18.164	
	140	5700	31.180	17.938	
11AC40 SISO	102	5510	70.990	37.016	No Limit
	118	5550	71.640	36.652	
	134	5670	66.390	36.514	
11AC80 SISO	106	5530	159.000	79.940	No Limit

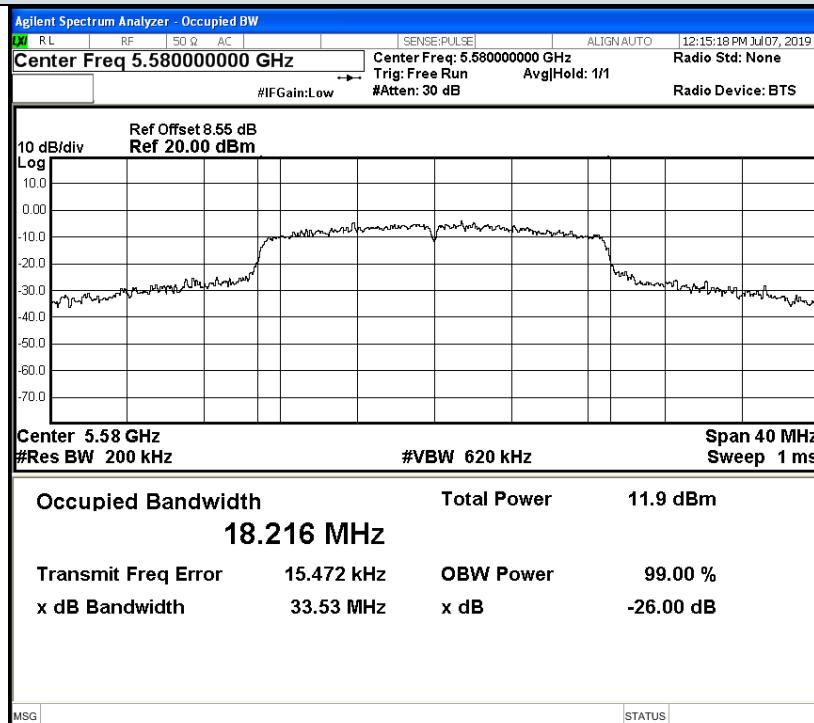
26dB and 99% Bandwidth Ant 0



Frequency

Center Freq
5.500000000 GHzCF Step
4.000000 MHz
Auto ManFreq Offset
0 Hz

IEEE 802.11a / Channel 100 / 5500 MHz



Trace/Detector

Clear Write

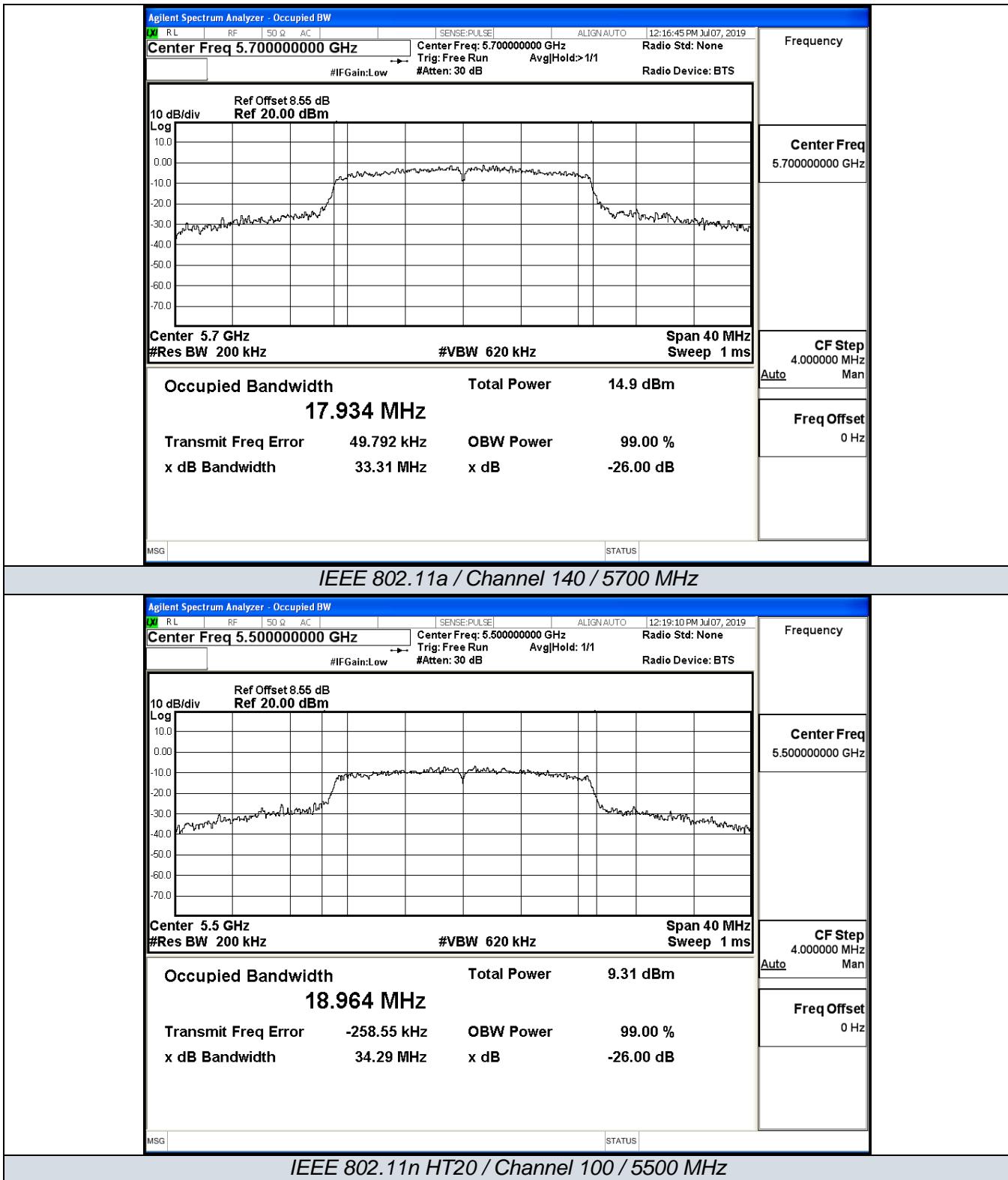
Average

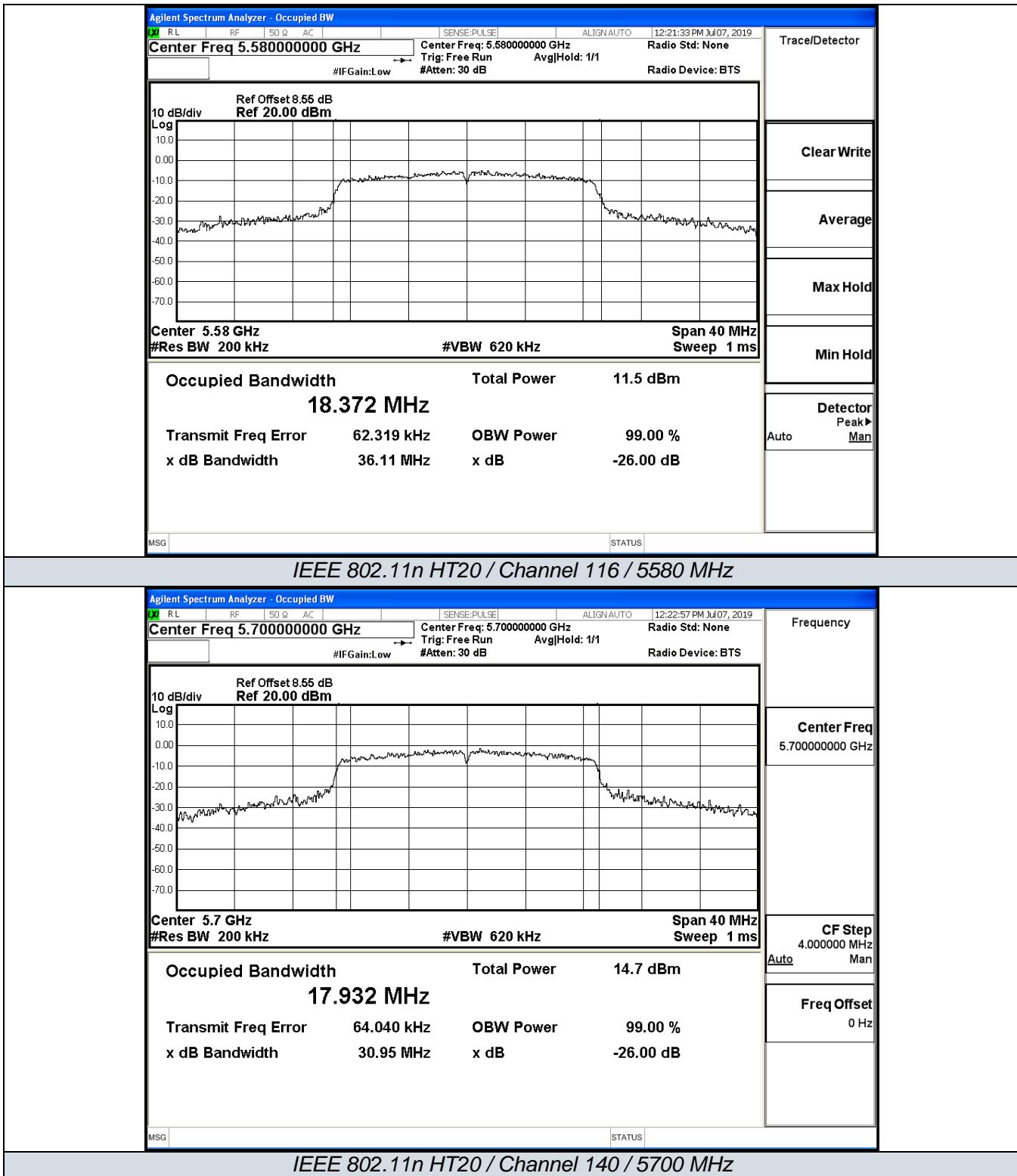
Max Hold

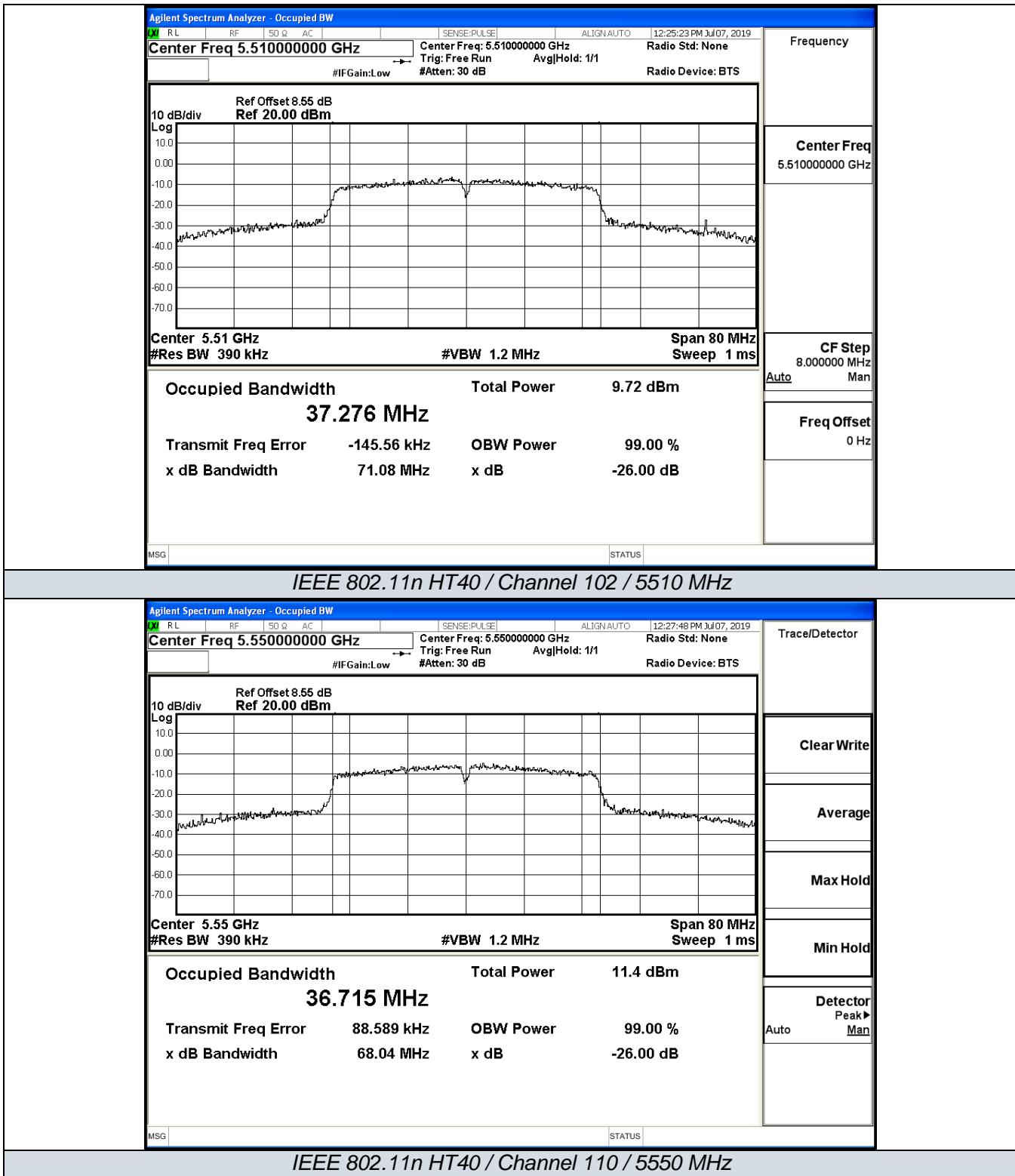
Min Hold

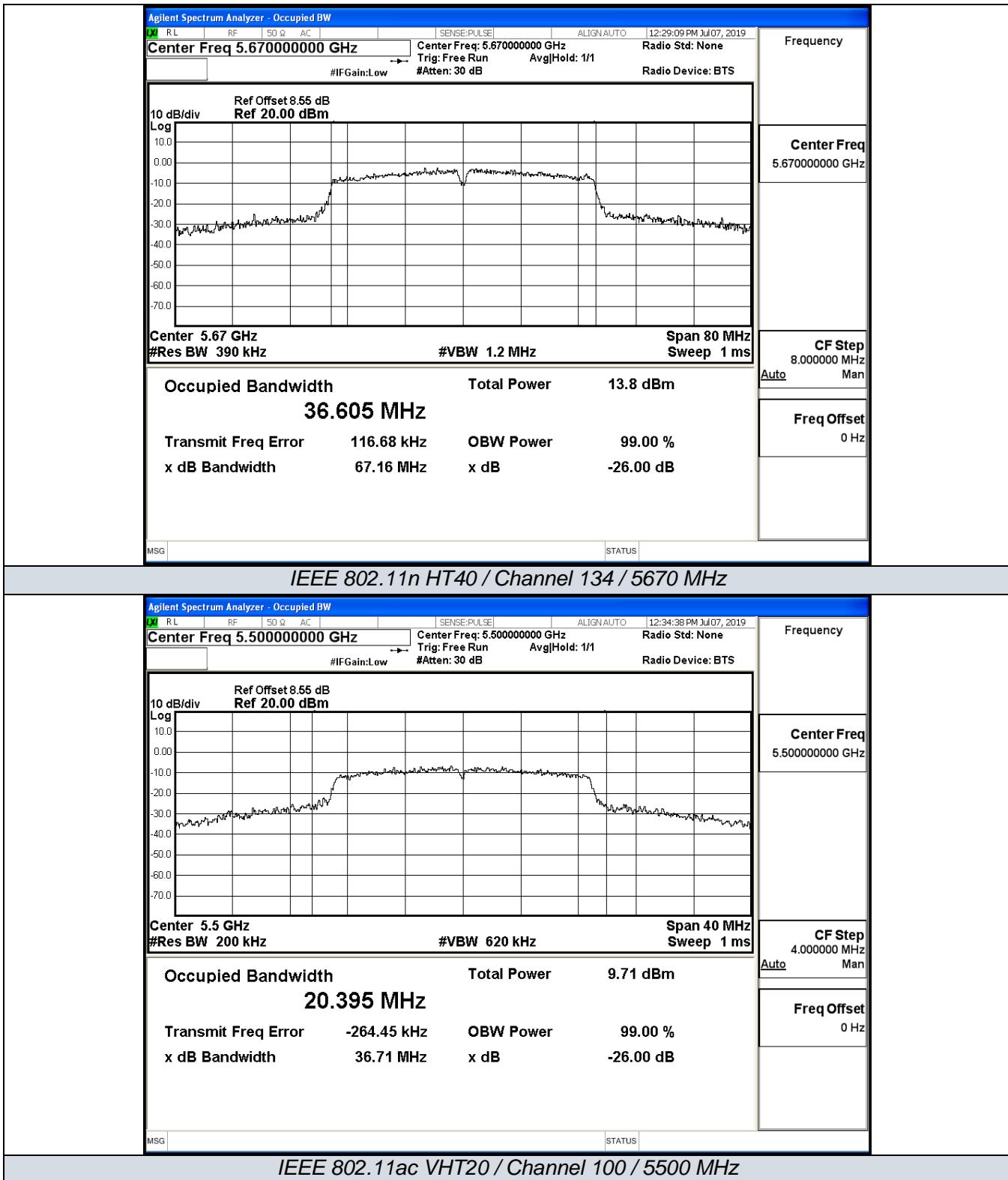
Detector
Peak
Auto Man

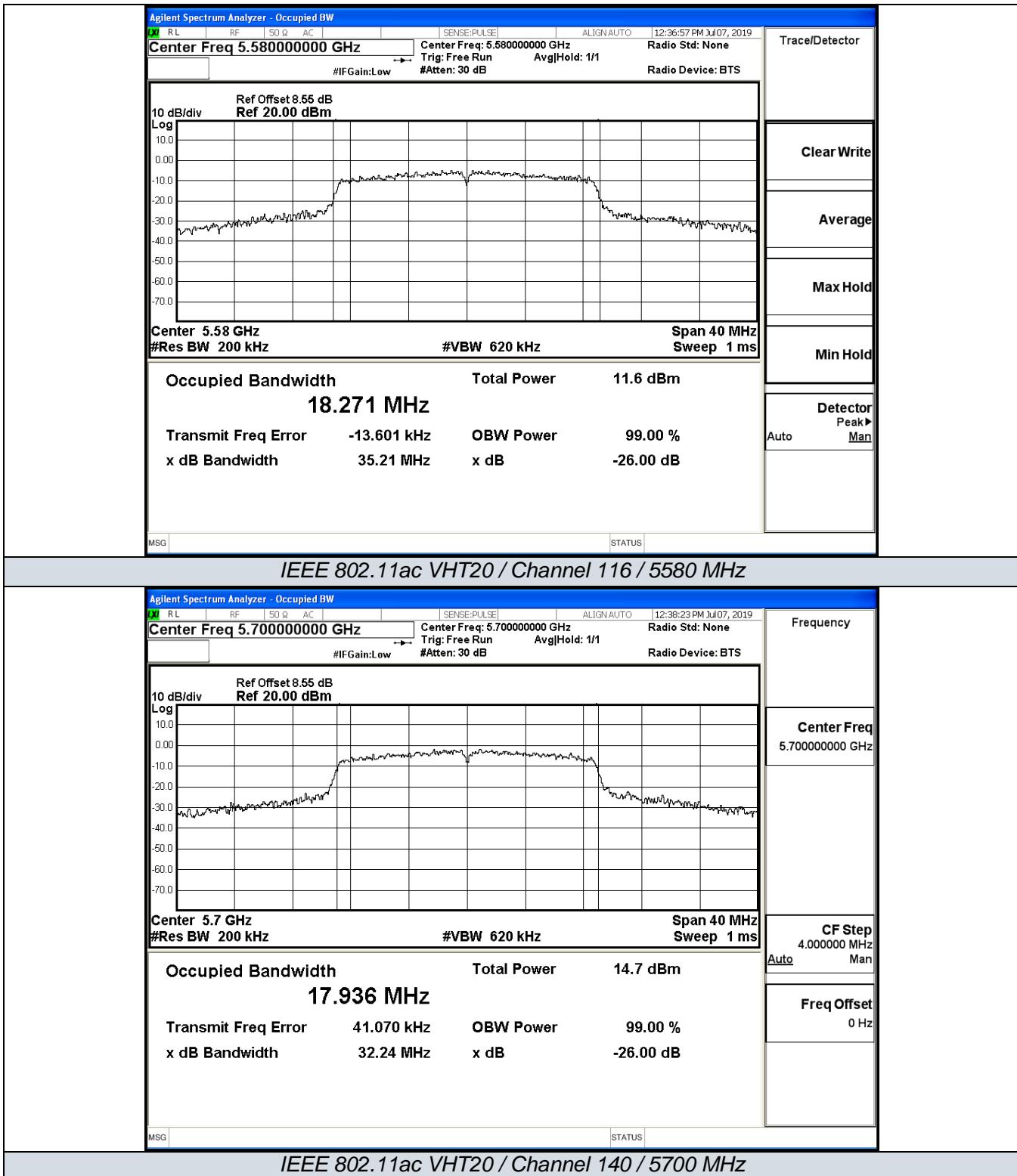
IEEE 802.11a / Channel 116 / 5580 MHz

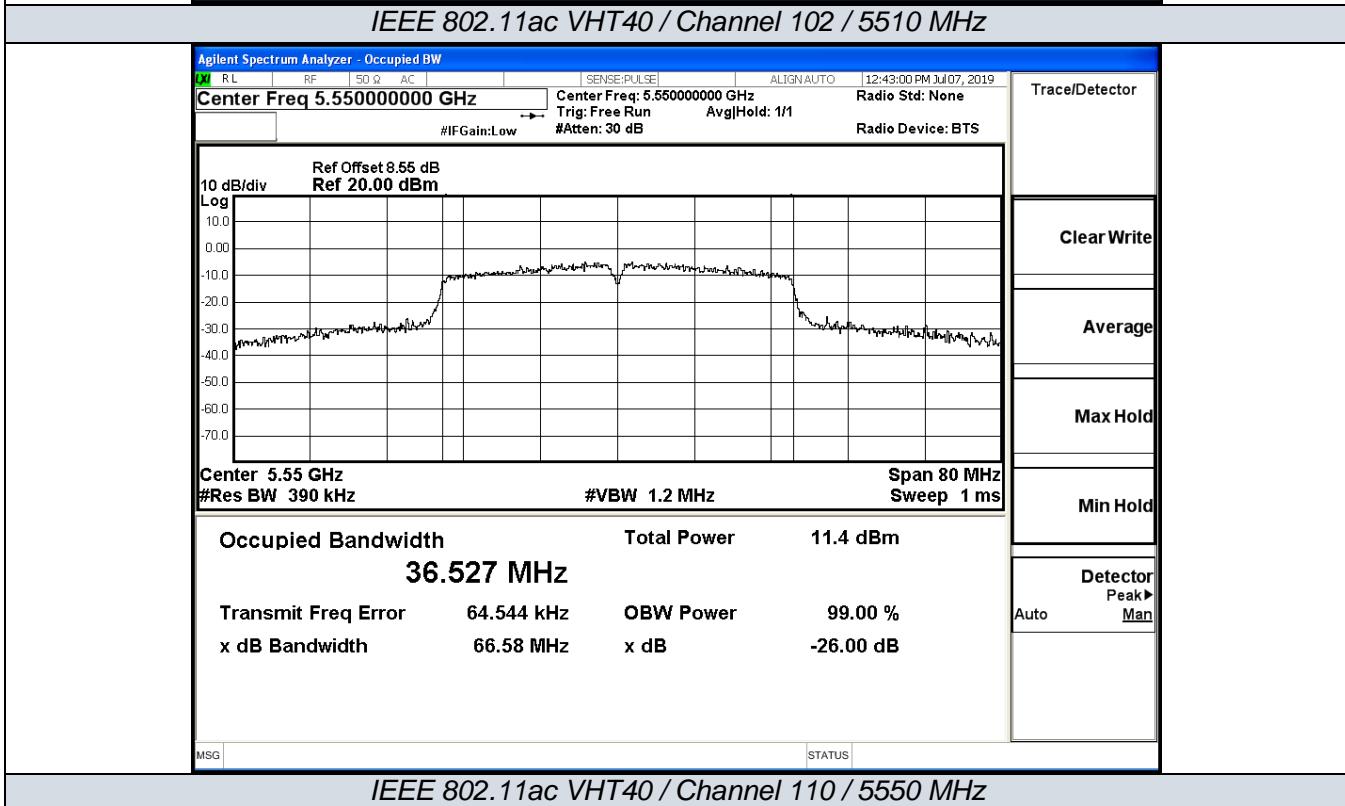
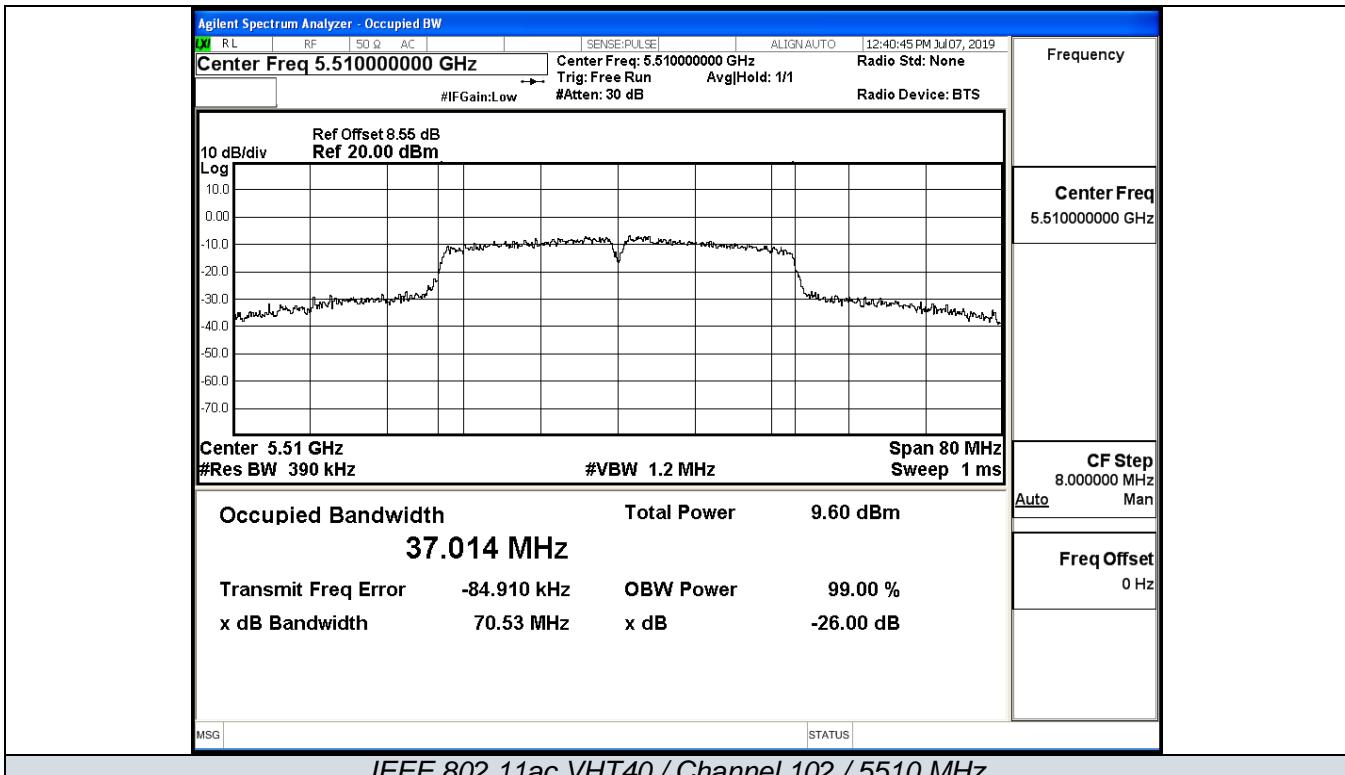


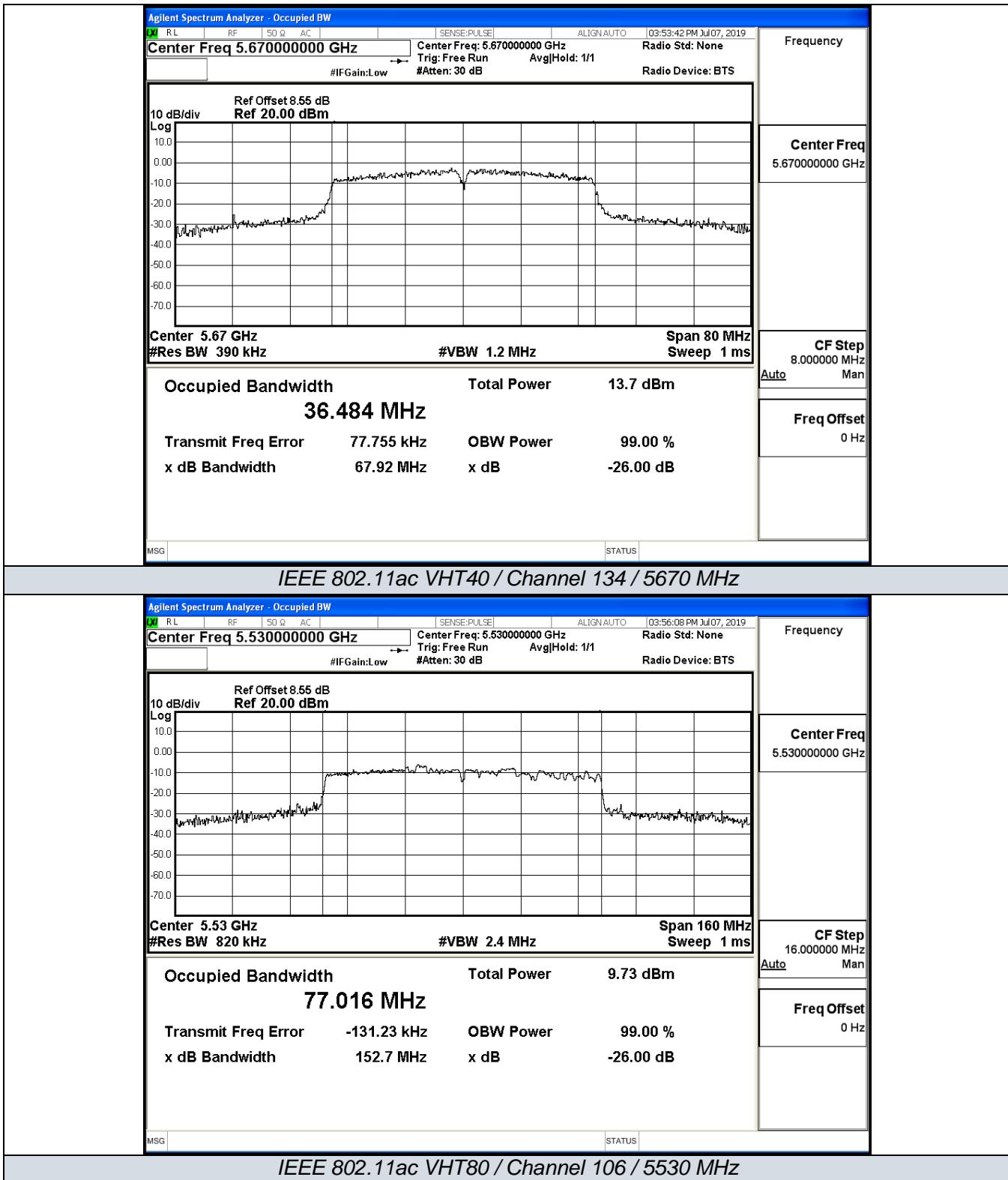




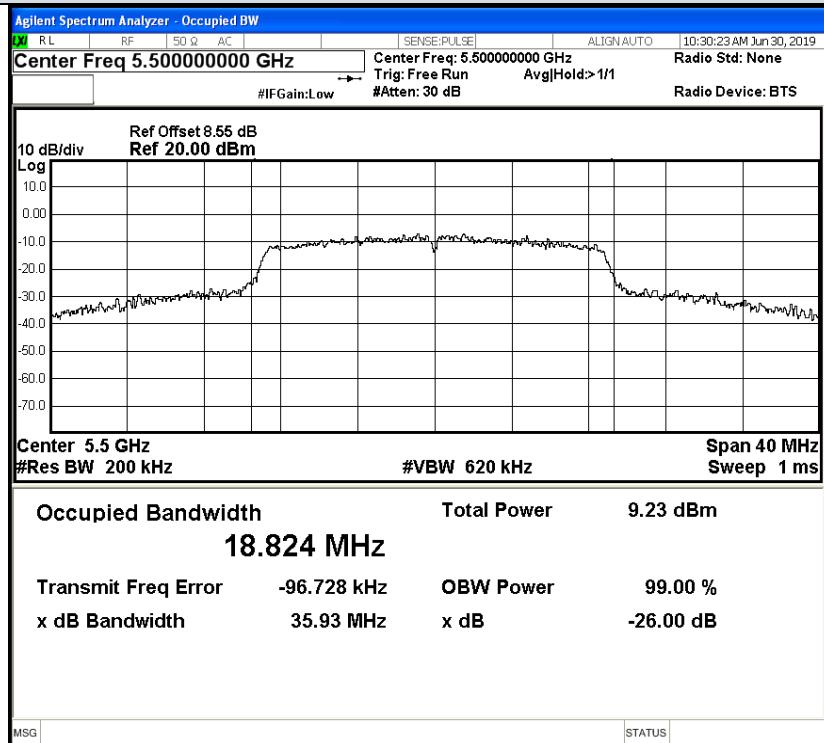








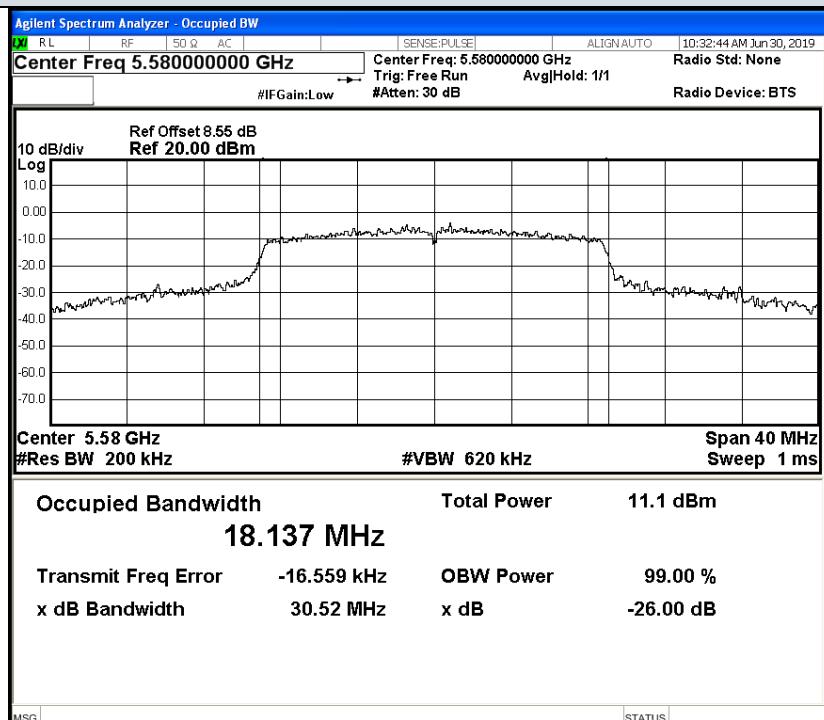
26dB and 99% Bandwidth Ant 1



Frequency

Center Freq
5.500000000 GHzCF Step
4.000000 MHz
Auto ManFreq Offset
0 Hz

IEEE 802.11a / Channel 100 / 5500 MHz



Trace/Detector

Clear Write

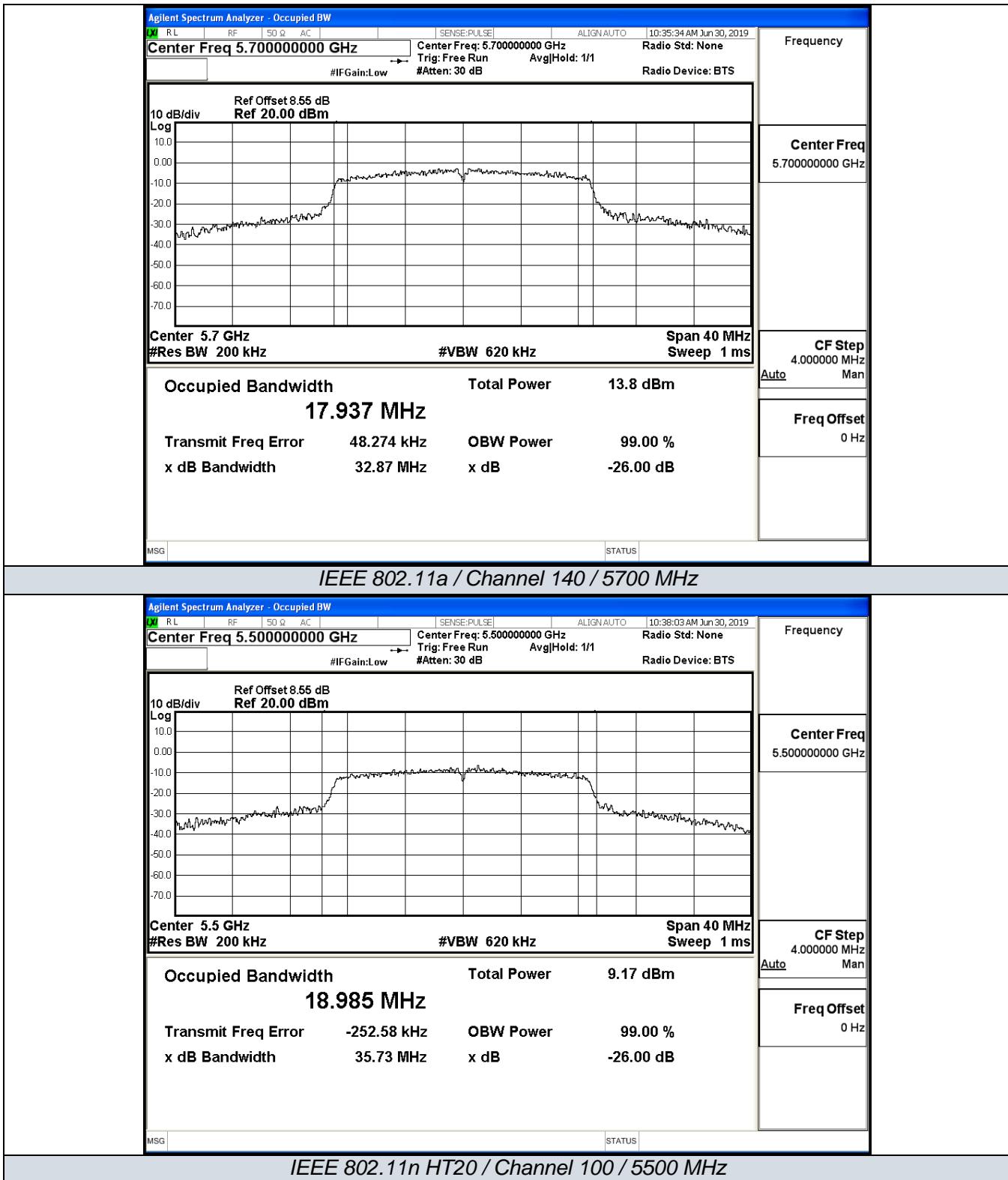
Average

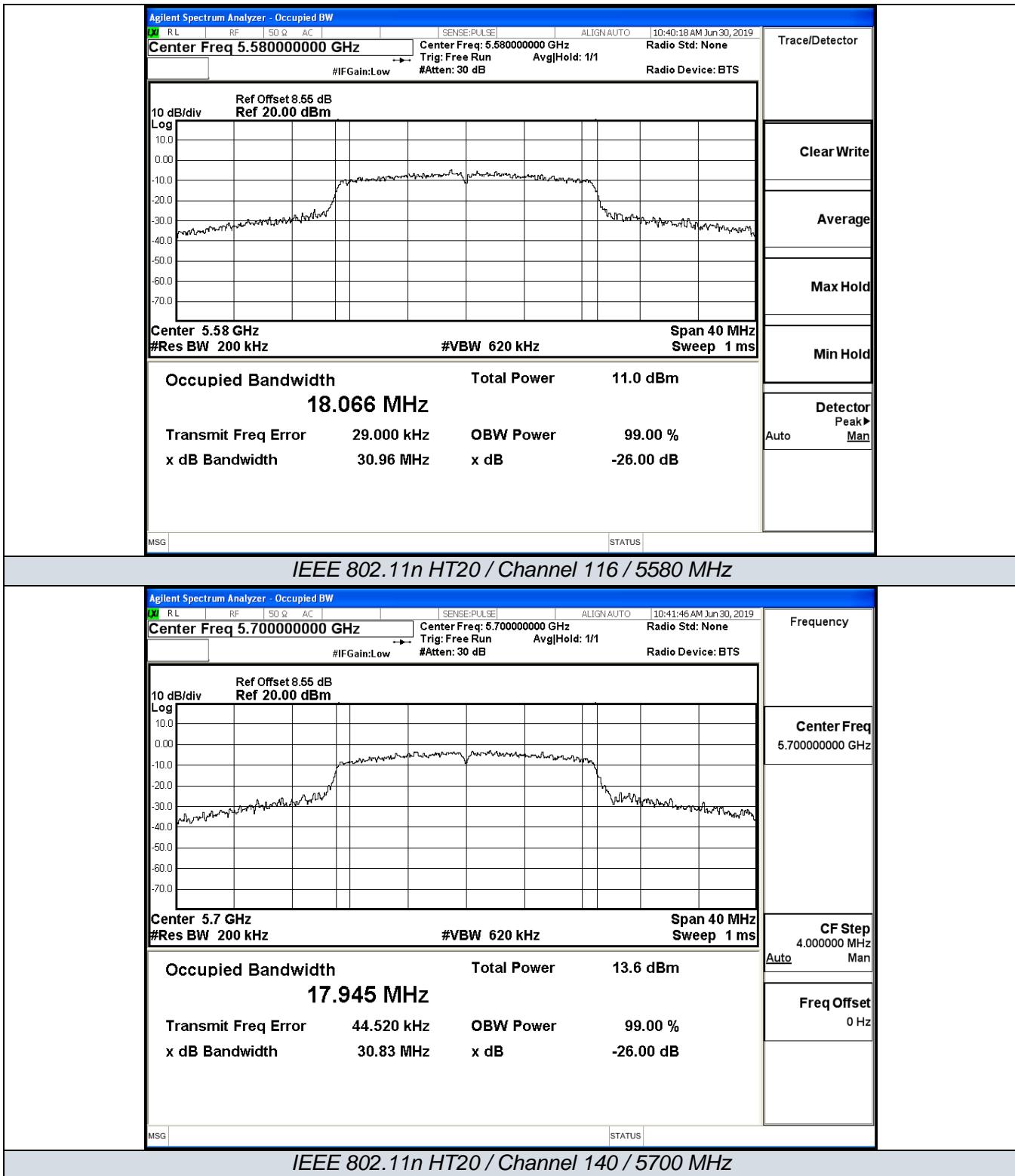
Max Hold

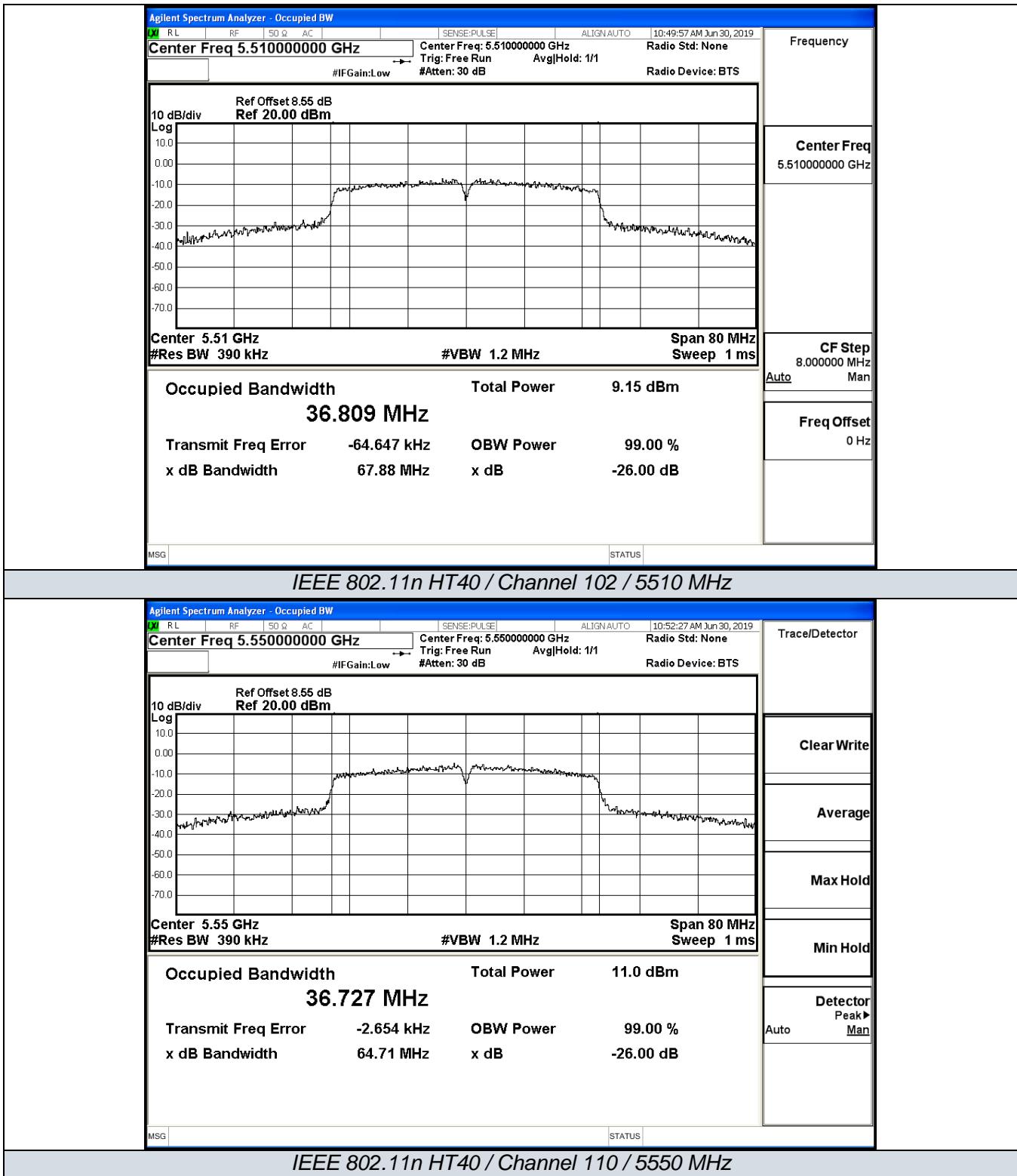
Min Hold

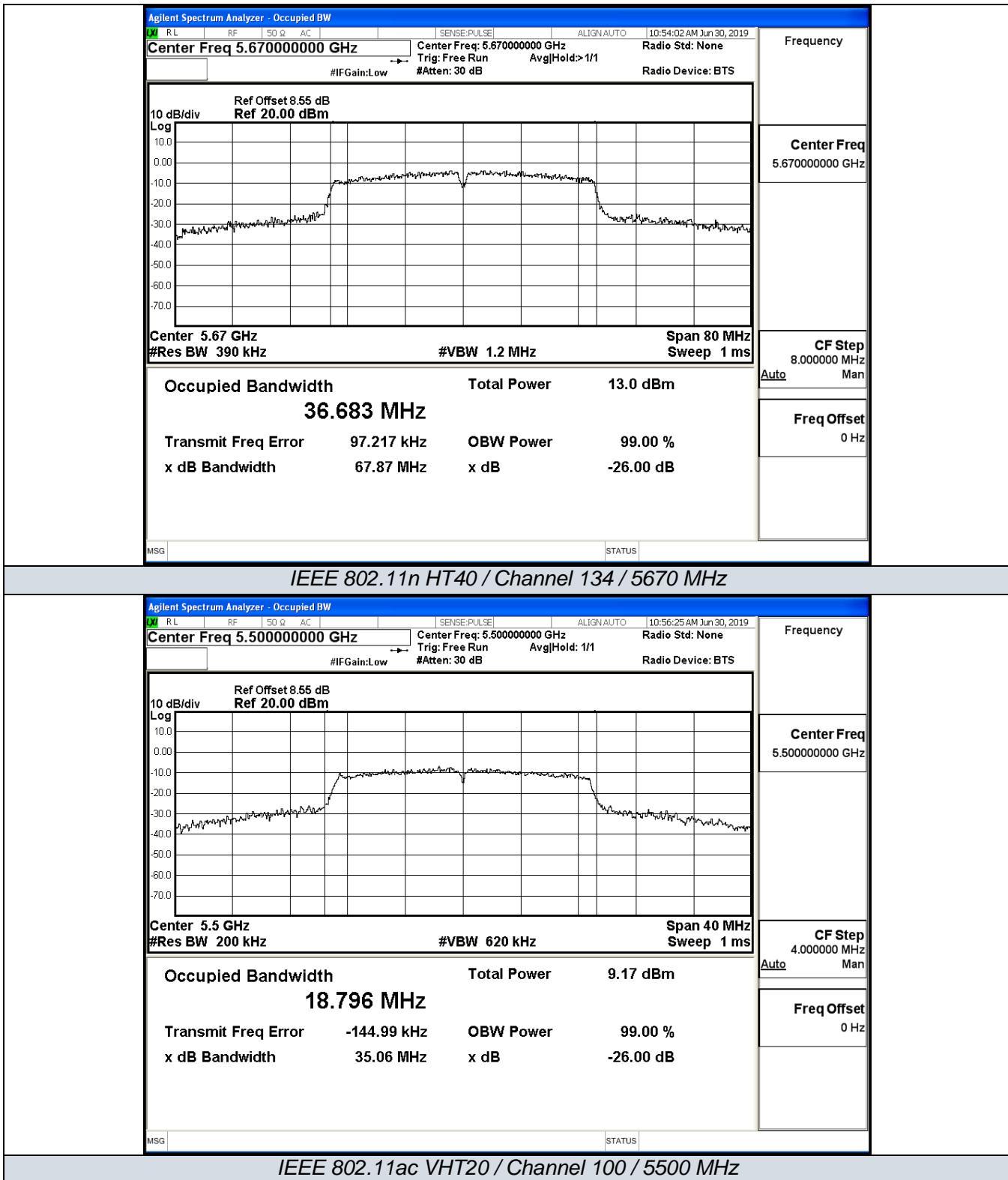
Detector
Peak
Auto Man

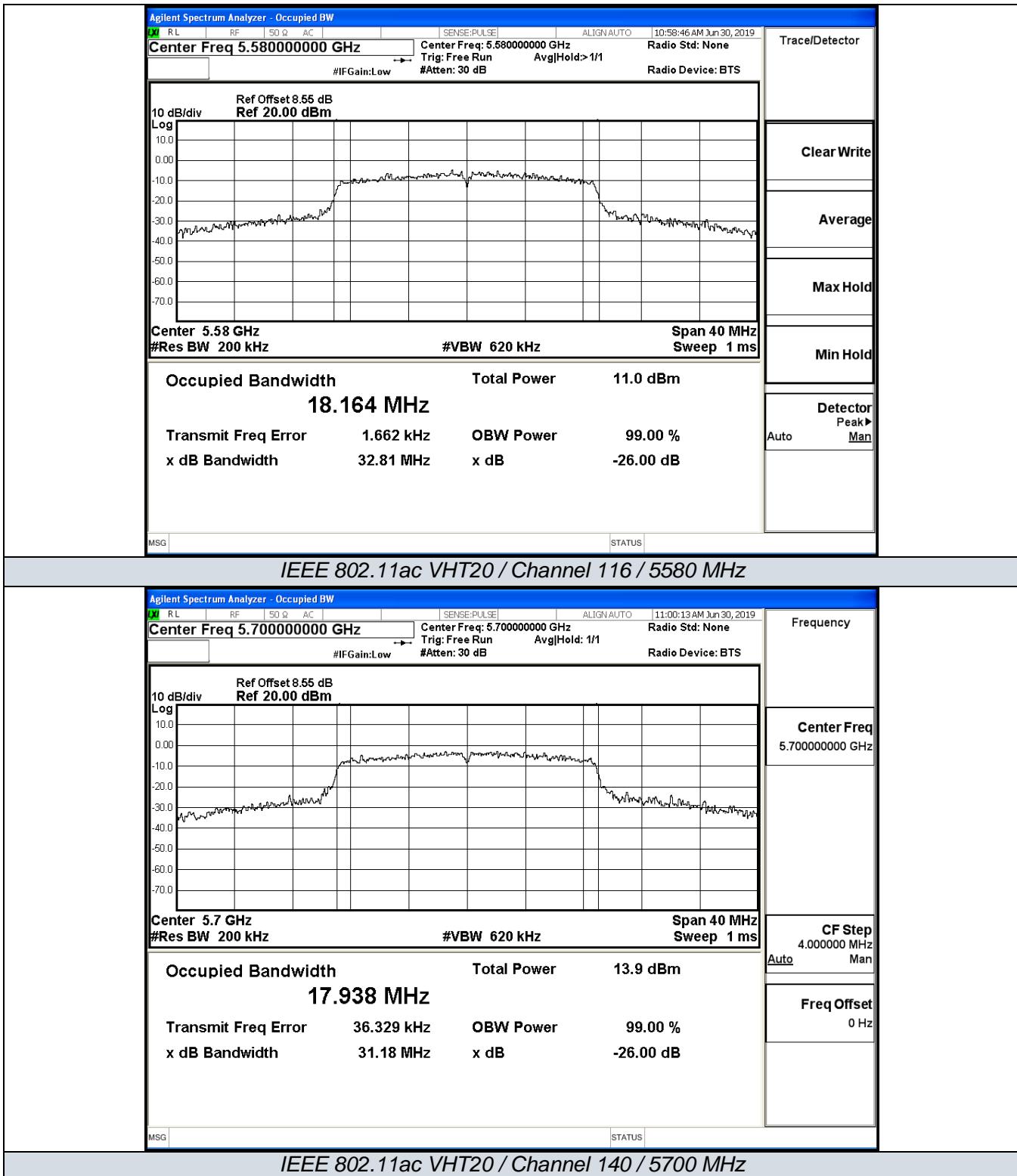
IEEE 802.11a / Channel 116 / 5580 MHz

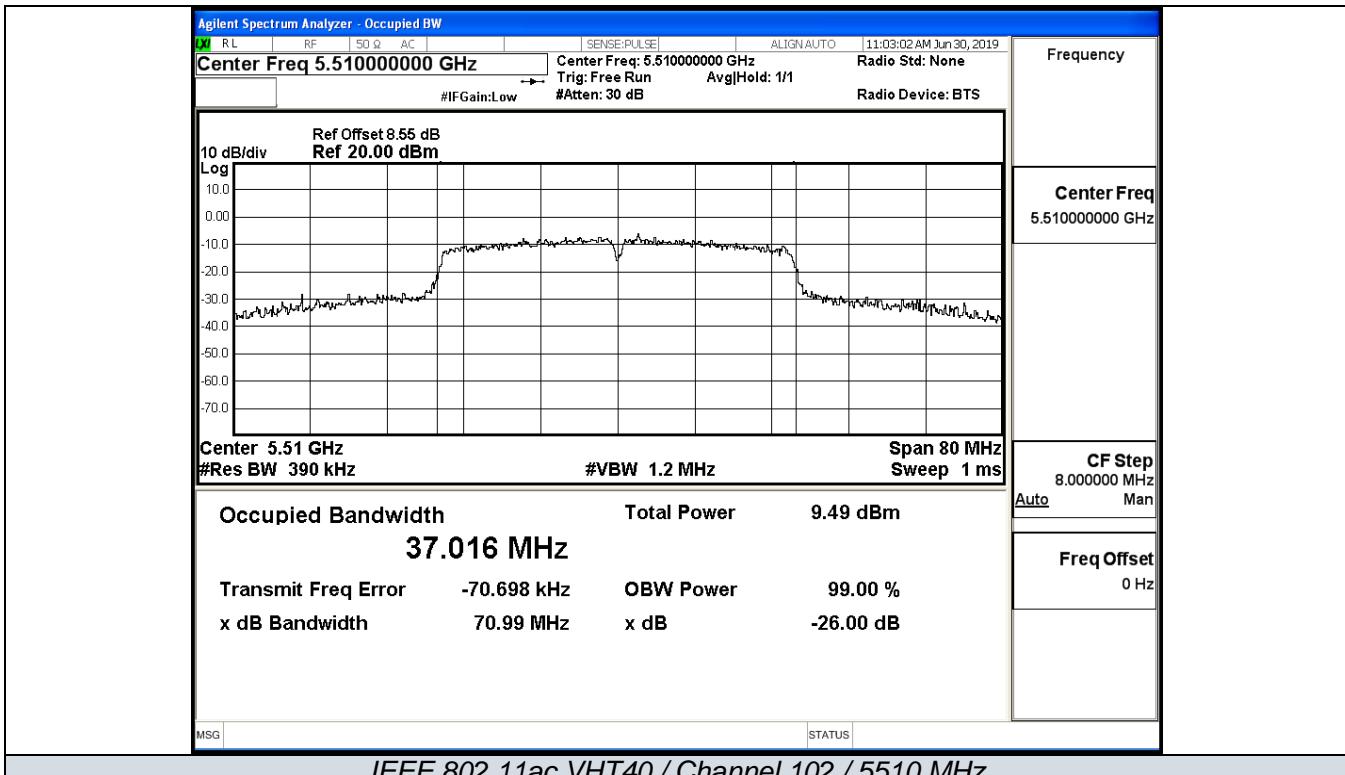




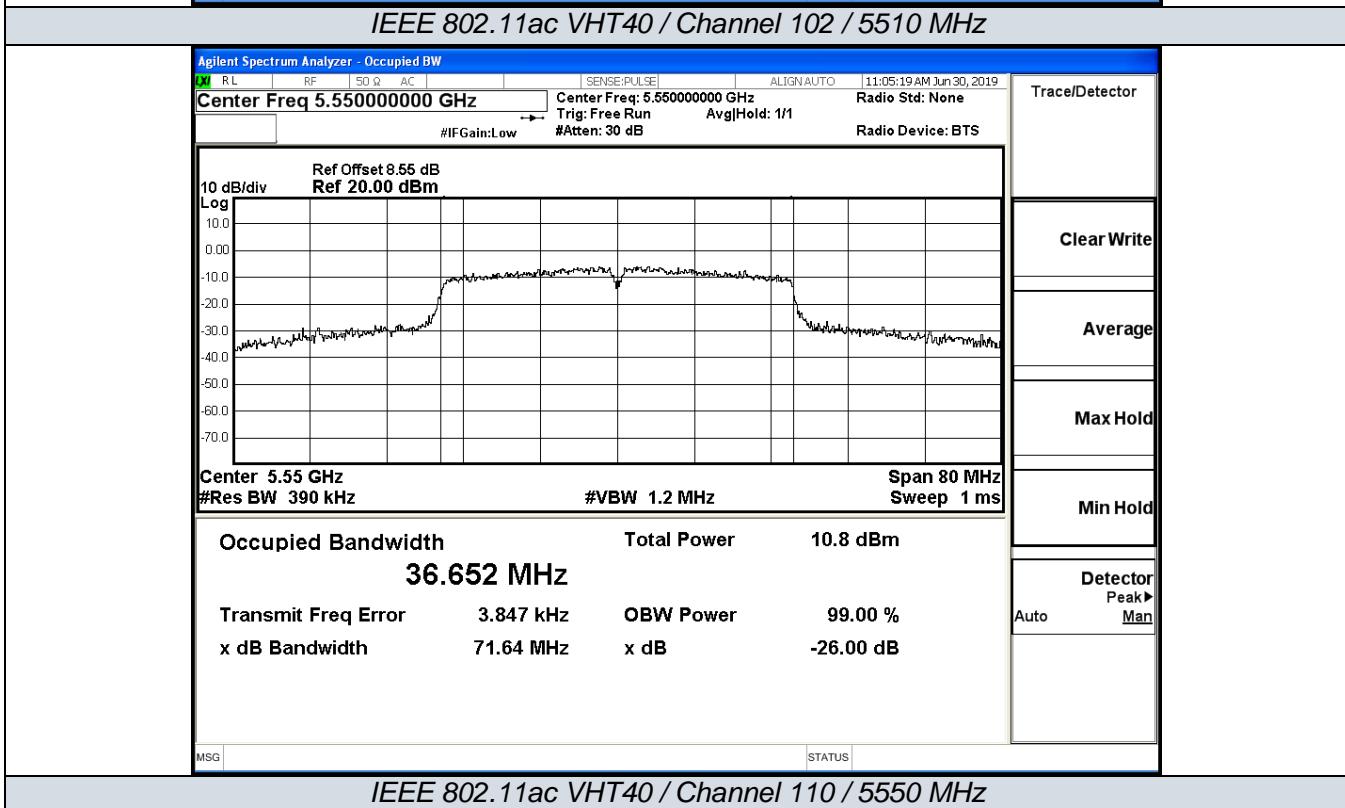








Frequency

Center Freq
5.510000000 GHzCF Step
8.000000 MHz
Auto ManFreq Offset
0 Hz

Trace/Detector

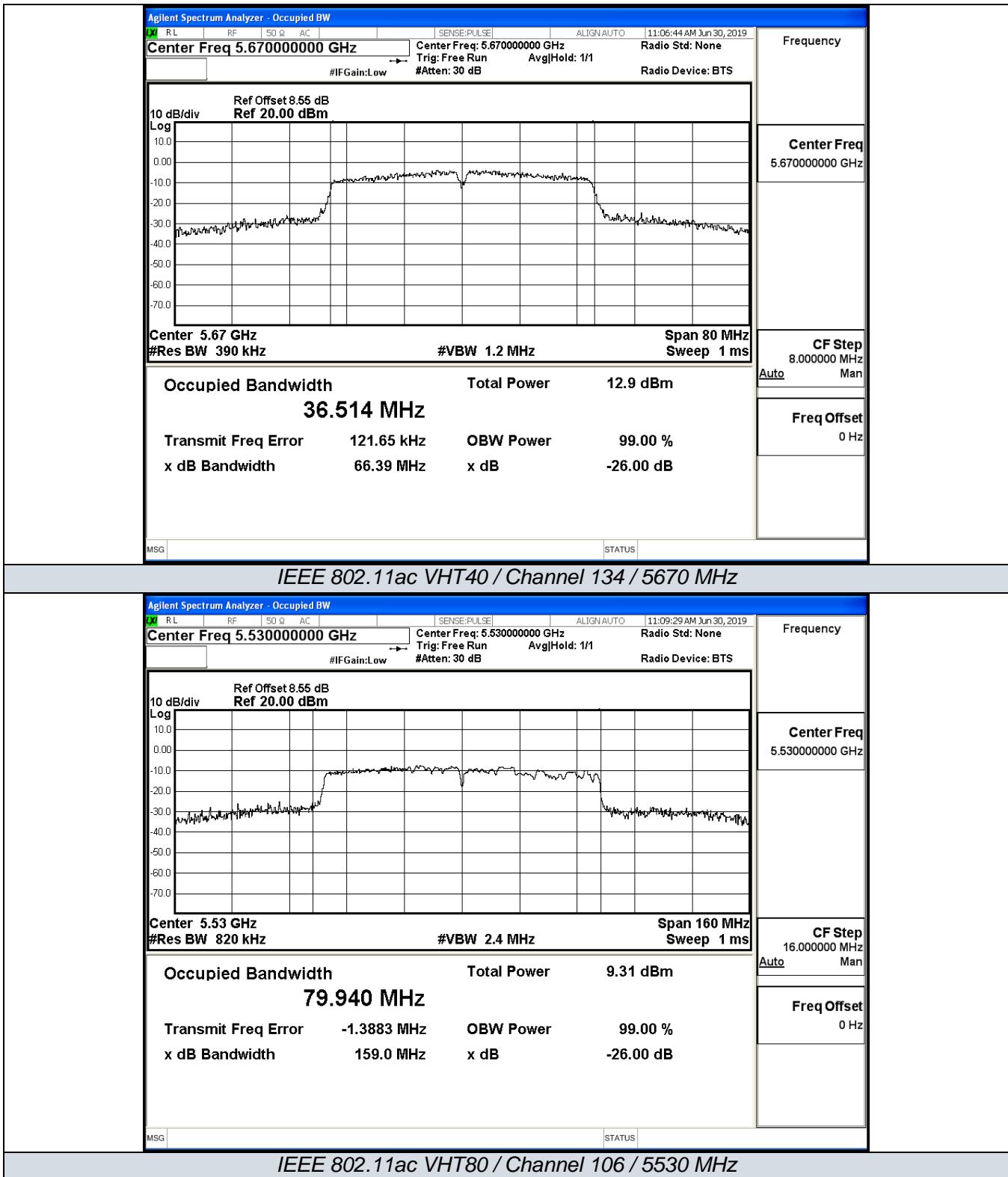
Clear Write

Average

Max Hold

Min Hold

Detector
Peak►
Auto Man



G.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	100	5460.0	-56.036	2.04	0	41.232	Peak	68.20
		5460.0	-70.782	2.04	0	26.486	Average	54.00
		5470.0	-51.510	2.04	0	45.758	Peak	68.20
		5470.0	-70.315	2.04	0	26.953	Average	54.00
	140	5725.0	-54.580	2.04	0	42.688	Peak	68.20
		5725.0	-68.514	2.04	0	28.754	Average	54.00
		5735.0	-57.259	2.04	0	40.009	Peak	68.20
		5735.0	-68.964	2.04	0	28.304	Average	54.00
11N20 SISO	100	5460.0	-58.660	2.04	0	38.608	Peak	68.20
		5460.0	-70.754	2.04	0	26.514	Average	54.00
		5470.0	-54.100	2.04	0	43.168	Peak	68.20
		5470.0	-70.319	2.04	0	26.949	Average	54.00
	140	5725.0	-55.641	2.04	0	41.627	Peak	68.20
		5725.0	-69.119	2.04	0	28.149	Average	54.00
		5735.0	-57.328	2.04	0	39.940	Peak	68.20
		5735.0	-69.576	2.04	0	27.692	Average	54.00
11N40 SISO	102	5460.0	-56.259	2.04	0	41.009	Peak	68.20
		5460.0	-69.662	2.04	0	27.606	Average	54.00
		5470.0	-47.612	2.04	0	49.656	Peak	68.20
		5470.0	-65.403	2.04	0	31.865	Average	54.00
	134	5725.0	-56.976	2.04	0	40.292	Peak	68.20
		5725.0	-67.786	2.04	0	29.482	Average	54.00
		5735.0	-57.962	2.04	0	39.306	Peak	68.20
		5735.0	-68.301	2.04	0	28.967	Average	54.00
11AC20 SISO	100	5460.0	-53.504	2.04	0	43.764	Peak	68.20
		5460.0	-70.819	2.04	0	26.449	Average	54.00
		5470.0	-49.062	2.04	0	48.206	Peak	68.20
		5470.0	-70.352	2.04	0	26.916	Average	54.00
	140	5725.0	-55.892	2.04	0	41.376	Peak	68.20
		5725.0	-69.180	2.04	0	28.088	Average	54.00
		5735.0	-56.301	2.04	0	40.967	Peak	68.20
		5735.0	-69.597	2.04	0	27.671	Average	54.00
11AC40 SISO	102	5460.0	-55.454	2.04	0	41.814	Peak	68.20
		5460.0	-69.788	2.04	0	27.480	Average	54.00
		5470.0	-47.680	2.04	0	49.588	Peak	68.20
		5470.0	-65.283	2.04	0	31.985	Average	54.00
	134	5725.0	-57.769	2.04	0	39.499	Peak	68.20
		5725.0	-67.685	2.04	0	29.583	Average	54.00
		5735.0	-57.149	2.04	0	40.119	Peak	68.20
		5735.0	-68.403	2.04	0	28.865	Average	54.00
11AC80 SISO	106	5460.0	-53.002	2.04	0	44.266	Peak	68.20
		5460.0	-66.738	2.04	0	30.530	Average	54.00
		5470.0	-50.100	2.04	0	47.168	Peak	68.20

		5470.0	-64.701	2.04	0	32.567	Average	54.00
		5725.0	-58.718	2.04	0	38.550	Peak	68.20
		5725.0	-69.008	2.04	0	28.260	Average	54.00
		5735.0	-58.351	2.04	0	38.917	Peak	68.20
		5735.0	-69.031	2.04	0	28.237	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	100	5460.0	-53.865	2.04	0	43.403	Peak	68.20
		5460.0	-66.966	2.04	0	30.302	Average	54.00
		5470.0	-50.779	2.04	0	46.489	Peak	68.20
		5470.0	-63.350	2.04	0	33.918	Average	54.00
	140	5725.0	-55.449	2.04	0	41.819	Peak	68.20
		5725.0	-69.140	2.04	0	28.128	Average	54.00
		5735.0	-56.506	2.04	0	40.762	Peak	68.20
		5735.0	-69.608	2.04	0	27.660	Average	54.00
11N20 SISO	100	5460.0	-58.751	2.04	0	38.517	Peak	68.20
		5460.0	-66.911	2.04	0	30.357	Average	54.00
		5470.0	-58.019	2.04	0	39.249	Peak	68.20
		5470.0	-63.375	2.04	0	33.893	Average	54.00
	140	5725.0	-55.241	2.04	0	42.027	Peak	68.20
		5725.0	-69.140	2.04	0	28.128	Average	54.00
		5735.0	-58.104	2.04	0	39.164	Peak	68.20
		5735.0	-69.544	2.04	0	27.724	Average	54.00
11N40 SISO	102	5460.0	-54.647	2.04	0	42.621	Peak	68.20
		5460.0	-69.766	2.04	0	27.502	Average	54.00
		5470.0	-48.721	2.04	0	48.547	Peak	68.20
		5470.0	-65.805	2.04	0	31.463	Average	54.00
	134	5725.0	-56.259	2.04	0	41.009	Peak	68.20
		5725.0	-67.852	2.04	0	29.416	Average	54.00
		5735.0	-58.335	2.04	0	38.933	Peak	68.20
		5735.0	-68.423	2.04	0	28.845	Average	54.00
11AC20 SISO	100	5460.0	-58.529	2.04	0	38.739	Peak	68.20
		5460.0	-66.944	2.04	0	30.324	Average	54.00
		5470.0	-57.598	2.04	0	39.670	Peak	68.20
		5470.0	-63.379	2.04	0	33.889	Average	54.00
	140	5725.0	-55.253	2.04	0	42.015	Peak	68.20
		5725.0	-69.281	2.04	0	27.987	Average	54.00
		5735.0	-56.561	2.04	0	40.707	Peak	68.20
		5735.0	-69.530	2.04	0	27.738	Average	54.00
11AC40 SISO	102	5460.0	-56.447	2.04	0	40.821	Peak	68.20
		5460.0	-69.826	2.04	0	27.442	Average	54.00
		5470.0	-48.633	2.04	0	48.635	Peak	68.20
		5470.0	-65.407	2.04	0	31.861	Average	54.00
	134	5725.0	-56.927	2.04	0	40.341	Peak	68.20
		5725.0	-67.834	2.04	0	29.434	Average	54.00
		5735.0	-57.861	2.04	0	39.407	Peak	68.20

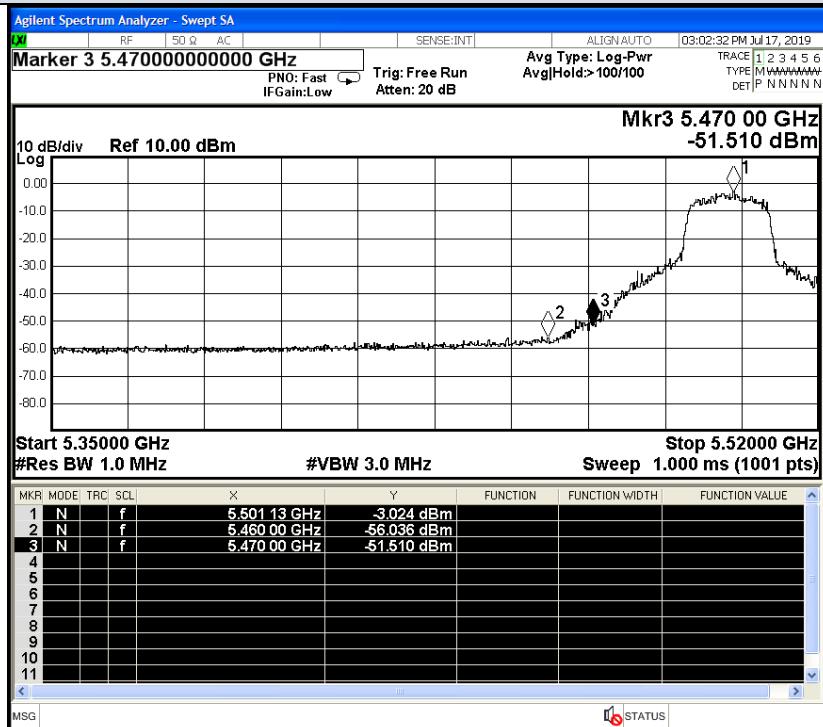
		5735.0	-68.424	2.04	0	28.844	Average	54.00
11AC80 SISO	106	5460.0	-52.604	2.04	0	44.664	Peak	68.20
		5460.0	-66.747	2.04	0	30.521	Average	54.00
		5470.0	-50.529	2.04	0	46.739	Peak	68.20
		5470.0	-64.806	2.04	0	32.462	Average	54.00
		5725.0	-58.402	2.04	0	38.866	Peak	68.20
		5725.0	-68.973	2.04	0	28.295	Average	54.00
		5735.0	-59.070	2.04	0	38.198	Peak	68.20
		5735.0	-69.031	2.04	0	28.237	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	100	5460.0	38.608	38.517	44.583	0	Peak	68.20
		5460.0	26.514	30.357	34.667	0	Average	54.00
		5470.0	43.168	39.249	47.448	0	Peak	68.20
		5470.0	26.949	33.893	37.118	0	Average	54.00
	140	5725.0	41.627	42.027	47.850	0	Peak	68.20
		5725.0	28.149	28.128	34.159	0	Average	54.00
		5735.0	39.940	39.164	45.581	0	Peak	68.20
		5735.0	27.692	27.724	33.729	0	Average	54.00
11N40 MIMO	102	5460.0	41.009	42.621	47.873	0	Peak	68.20
		5460.0	27.606	27.502	33.575	0	Average	54.00
		5470.0	49.656	48.547	55.140	0	Peak	68.20
		5470.0	31.865	31.463	37.687	0	Average	54.00
	134	5725.0	40.292	41.009	46.678	0	Peak	68.20
		5725.0	29.482	29.416	35.470	0	Average	54.00
		5735.0	39.306	38.933	45.142	0	Peak	68.20
		5735.0	28.967	28.845	34.927	0	Average	54.00
11AC20 MIMO	100	5460.0	43.764	38.739	47.631	0	Peak	68.20
		5460.0	26.449	30.324	34.621	0	Average	54.00
		5470.0	48.206	39.670	50.968	0	Peak	68.20
		5470.0	26.916	33.889	37.105	0	Average	54.00
	140	5725.0	41.376	42.015	47.722	0	Peak	68.20
		5725.0	28.088	27.987	34.058	0	Average	54.00
		5735.0	40.967	40.707	46.859	0	Peak	68.20
		5735.0	27.671	27.738	33.725	0	Average	54.00
11AC40 MIMO	102	5460.0	41.814	40.821	47.352	0	Peak	68.20
		5460.0	27.480	27.442	33.482	0	Average	54.00
		5470.0	49.588	48.635	55.145	0	Peak	68.20
		5470.0	31.985	31.861	37.944	0	Average	54.00
	134	5725.0	39.499	40.341	45.951	0	Peak	68.20
		5725.0	29.583	29.434	35.529	0	Average	54.00
		5735.0	40.119	39.407	45.791	0	Peak	68.20
		5735.0	28.865	28.844	34.875	0	Average	54.00
11AC80 MIMO	106	5460.0	44.266	44.664	50.488	0	Peak	68.20
		5460.0	30.530	30.521	36.546	0	Average	54.00
		5470.0	47.168	46.739	52.977	0	Peak	68.20
		5470.0	32.567	32.462	38.535	0	Average	54.00

		5725.0	38.550	38.866	44.730	0	Peak	68.20
		5725.0	28.260	28.295	34.298	0	Average	54.00
		5735.0	38.917	38.198	44.586	0	Peak	68.20
		5735.0	28.237	28.237	34.258	0	Average	54.00

Undesirable Emissions Measurement Ant 0



Marker

Select Marker ▶

Normal

Delta

Fixed ▶

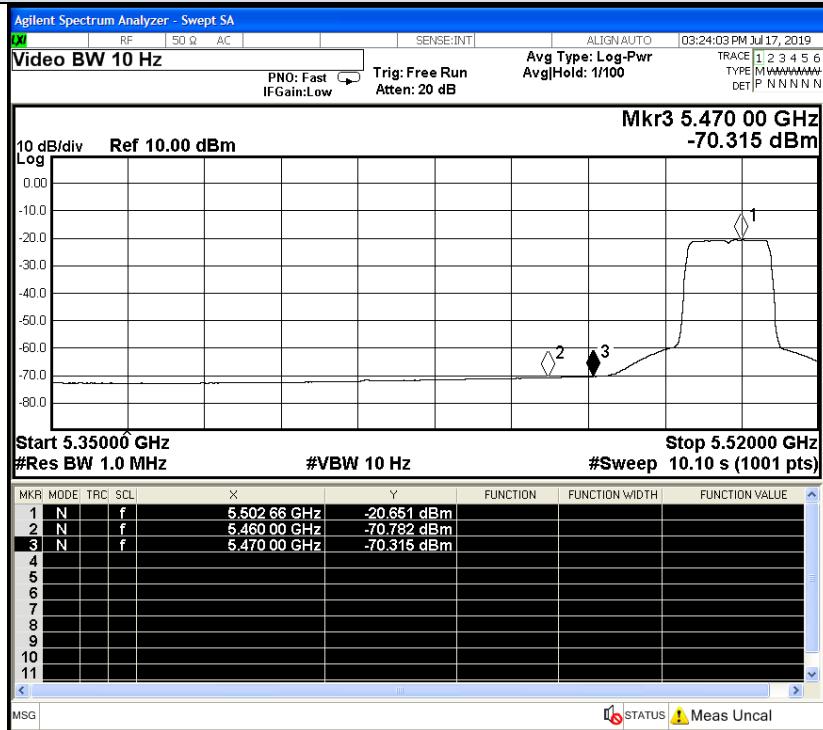
Off

Properties ▶

More

1 of 2

IEEE 802.11a / Channel 100 / 5500 MHz / Peak

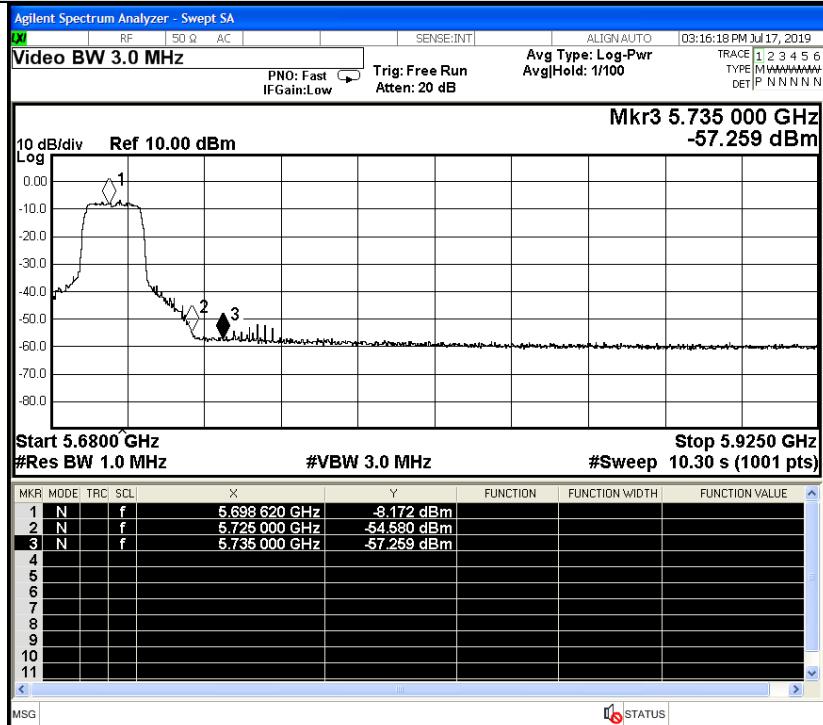


BW

Res BW
1.0 MHz
ManVideo BW
10 Hz
ManVBW:3dB RBW
3.0
Auto ManSpan:3dB RBW
106
Auto ManRBW Control ▶
[Gaussian,-3 dB]

IEEE 802.11a / Channel 100 / 5500 MHz / Average

Undesirable Emissions Measurement



BW
Res BW 1.0 MHz Man
Auto

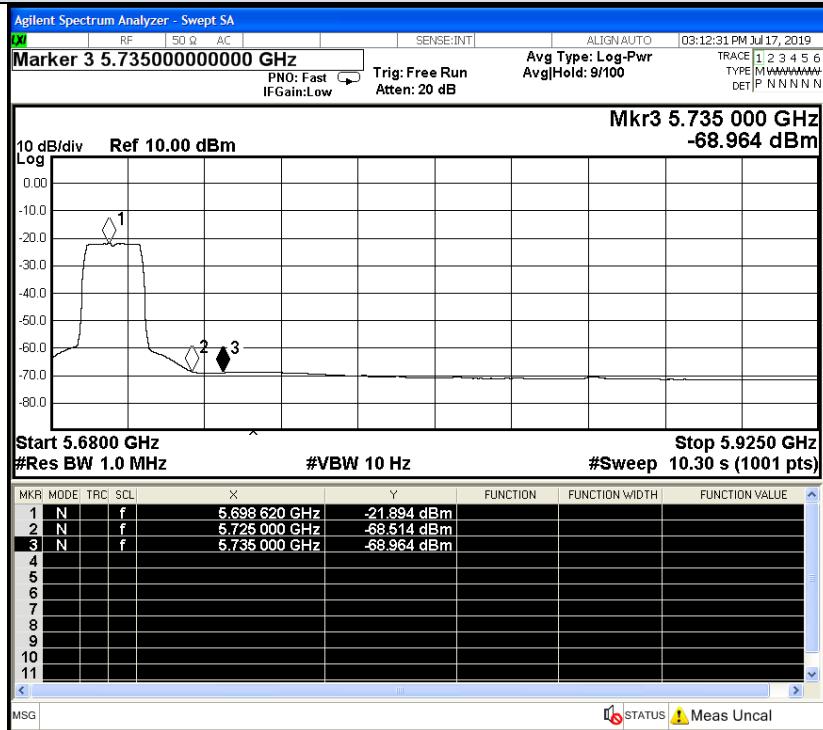
Video BW 3.0 MHz Man
Auto

VBW:3dB RBW 3.0 Man
Auto

Span:3dB RBW 106 Man
Auto

RBW Control ➤ [Gaussian,-3 dB]

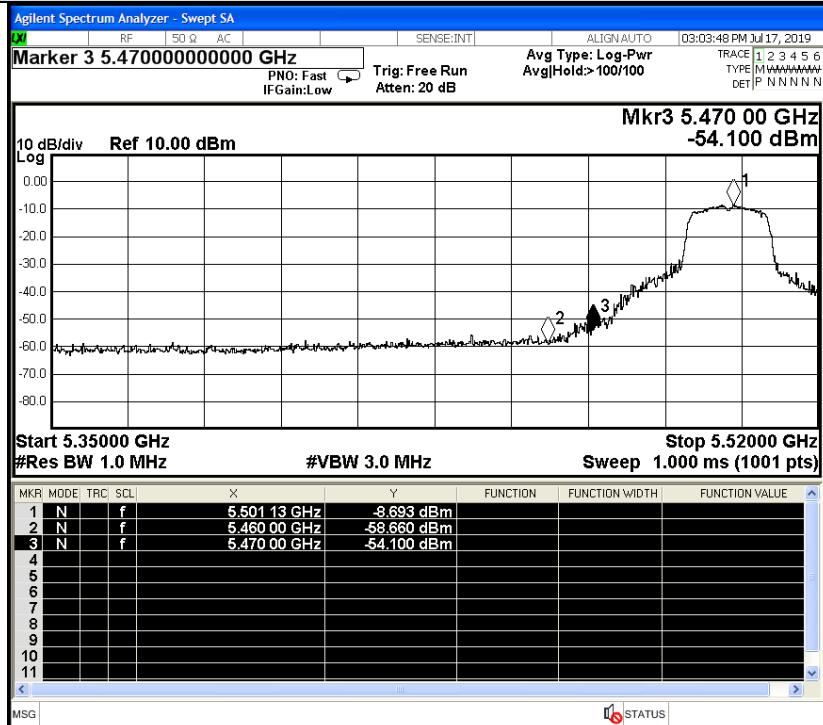
IEEE 802.11a / Channel 140 / 5700 MHz / Peak



Marker
Select Marker ➤ 3
Normal
Delta
Fixed ➤
Off
Properties ➤
More 1 of 2

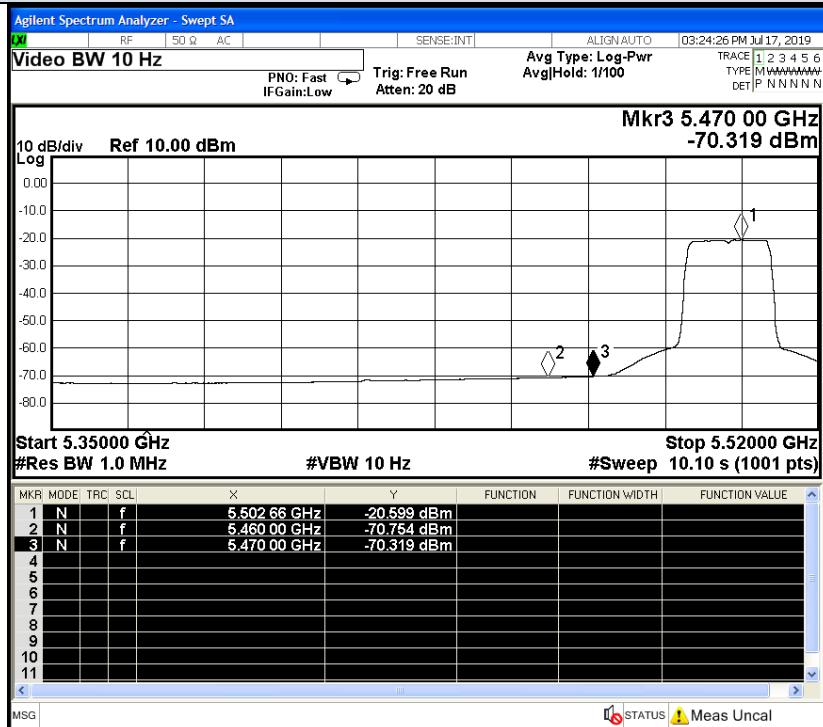
IEEE 802.11a / Channel 140 / 5700 MHz / Average

Undesirable Emissions Measurement



- Marker
- Select Marker ▾ 3
- Normal
- Delta
- Fixed ▾
- Off
- Properties ▾
- More 1 of 2

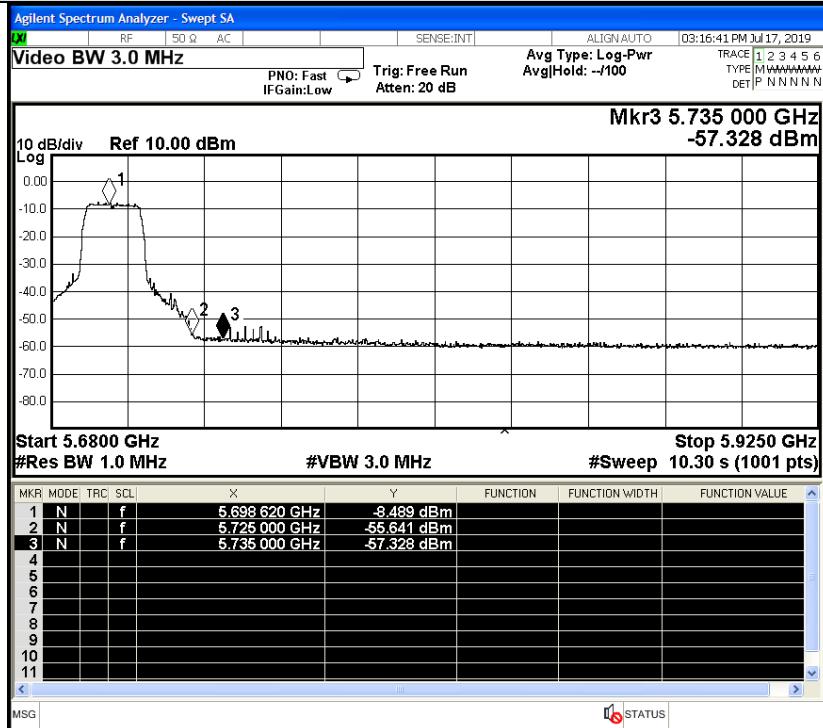
IEEE 802.11n HT20 / Channel 100 / 5500 MHz / Peak



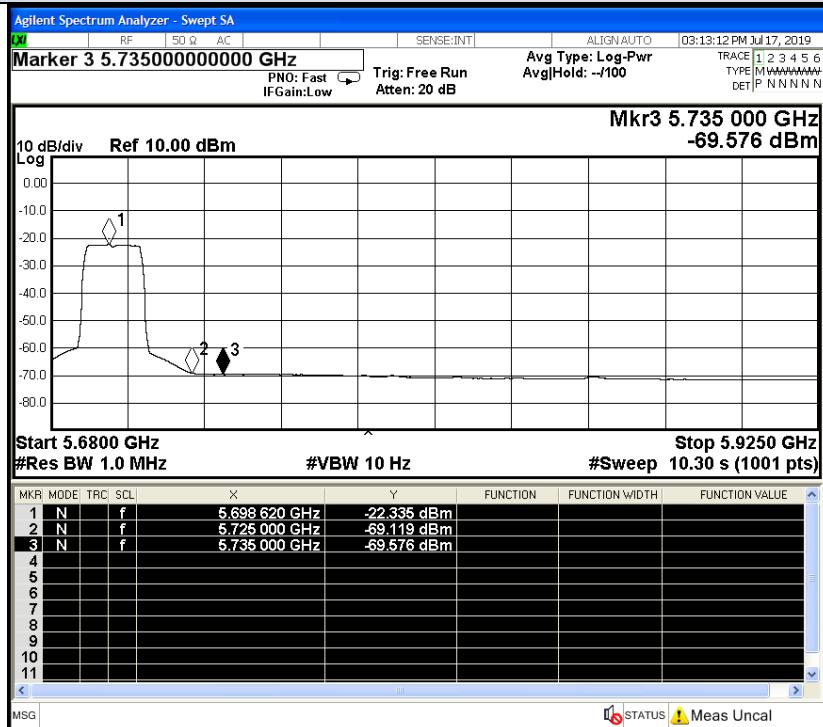
- BW
- Res BW 1.0 MHz Man
- Auto
- Video BW 10 Hz Man
- Auto
- VBW:3dB RBW 3.0 Man
- Auto
- Span:3dB RBW 106 Man
- Auto
- RBW Control ▾ [Gaussian,3 dB]
-

IEEE 802.11n HT20 / Channel 100 / 5500 MHz / Average

Undesirable Emissions Measurement



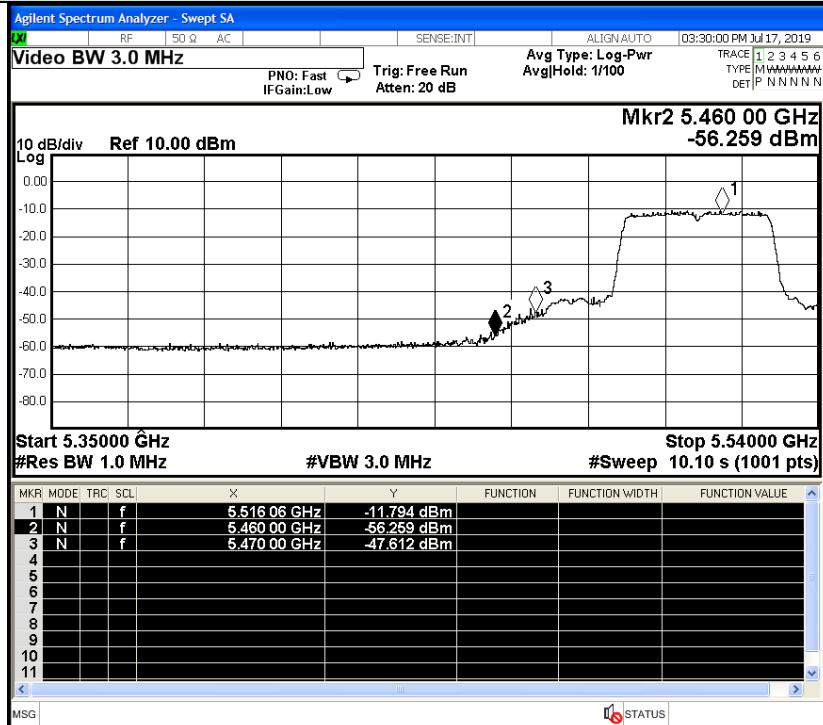
IEEE 802.11n HT20 / Channel 140 / 5700 MHz / Peak



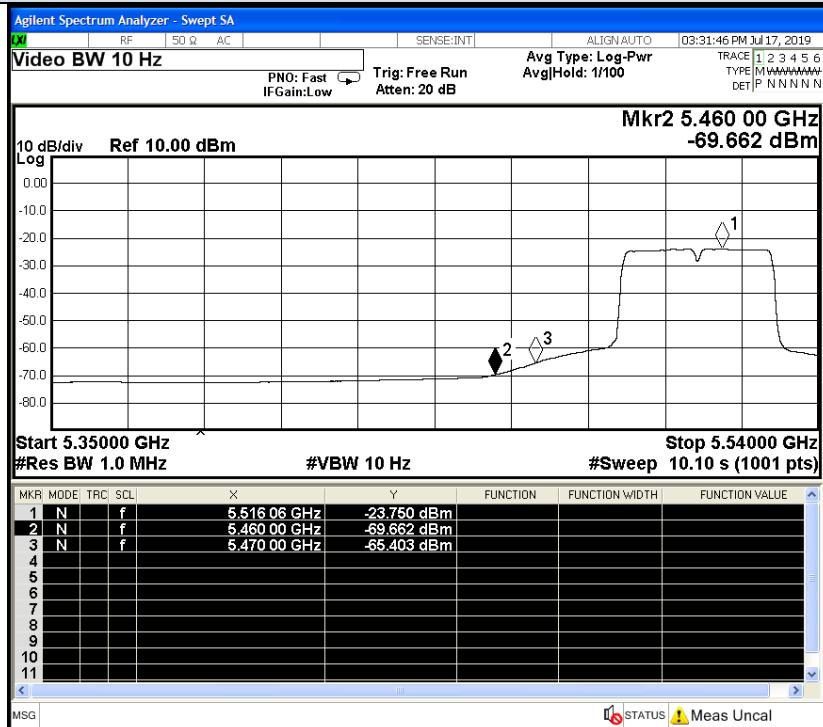
IEEE 802.11n HT20 / Channel 140 / 5700 MHz / Average

- BW
- Res BW 1.0 MHz Man
- Auto
- Video BW 3.0 MHz Man
- Auto
- VBW:3dB RBW 3.0 Man
- Auto
- Span:3dB RBW 106 Man
- Auto
- RBW Control [Gaussian,-3 dB]
- Marker
- Select Marker 3
- Normal
- Delta
- Fixed
- Off
- Properties
- More 1 of 2

Undesirable Emissions Measurement

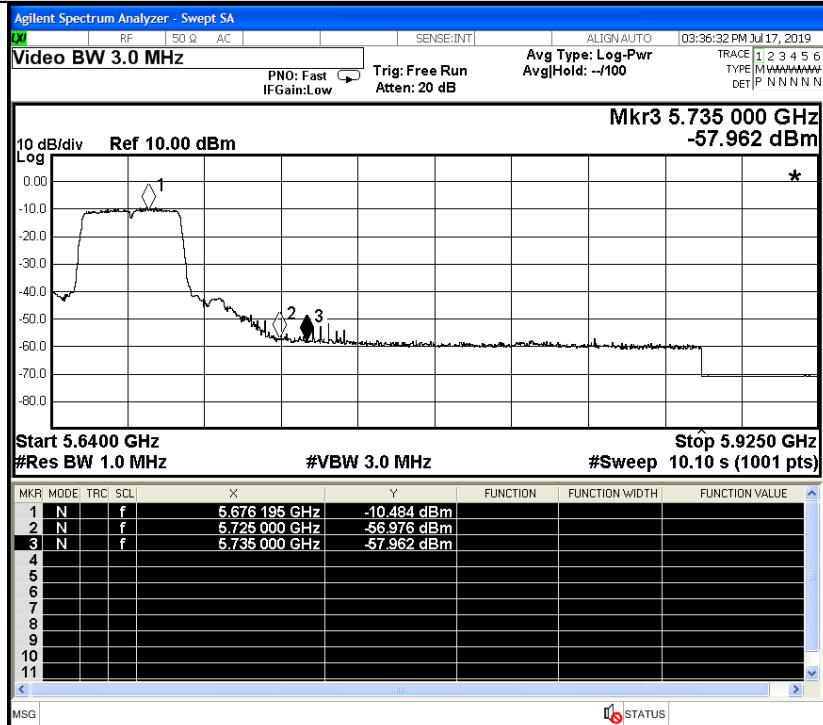


IEEE 802.11n HT40 / Channel 102 / 5510 MHz / Peak

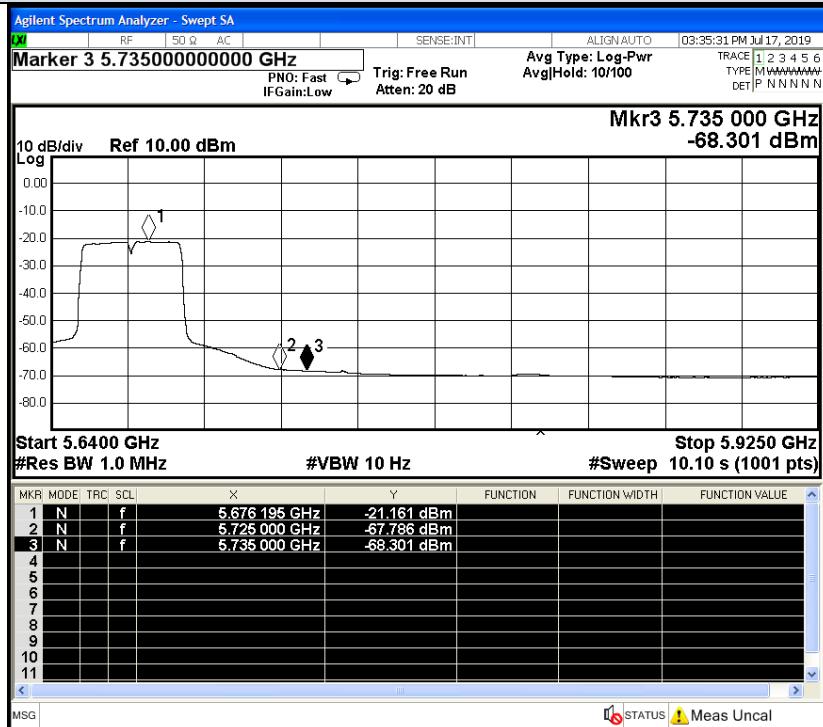


IEEE 802.11n HT40 / Channel 102 / 5510 MHz / Average

Undesirable Emissions Measurement

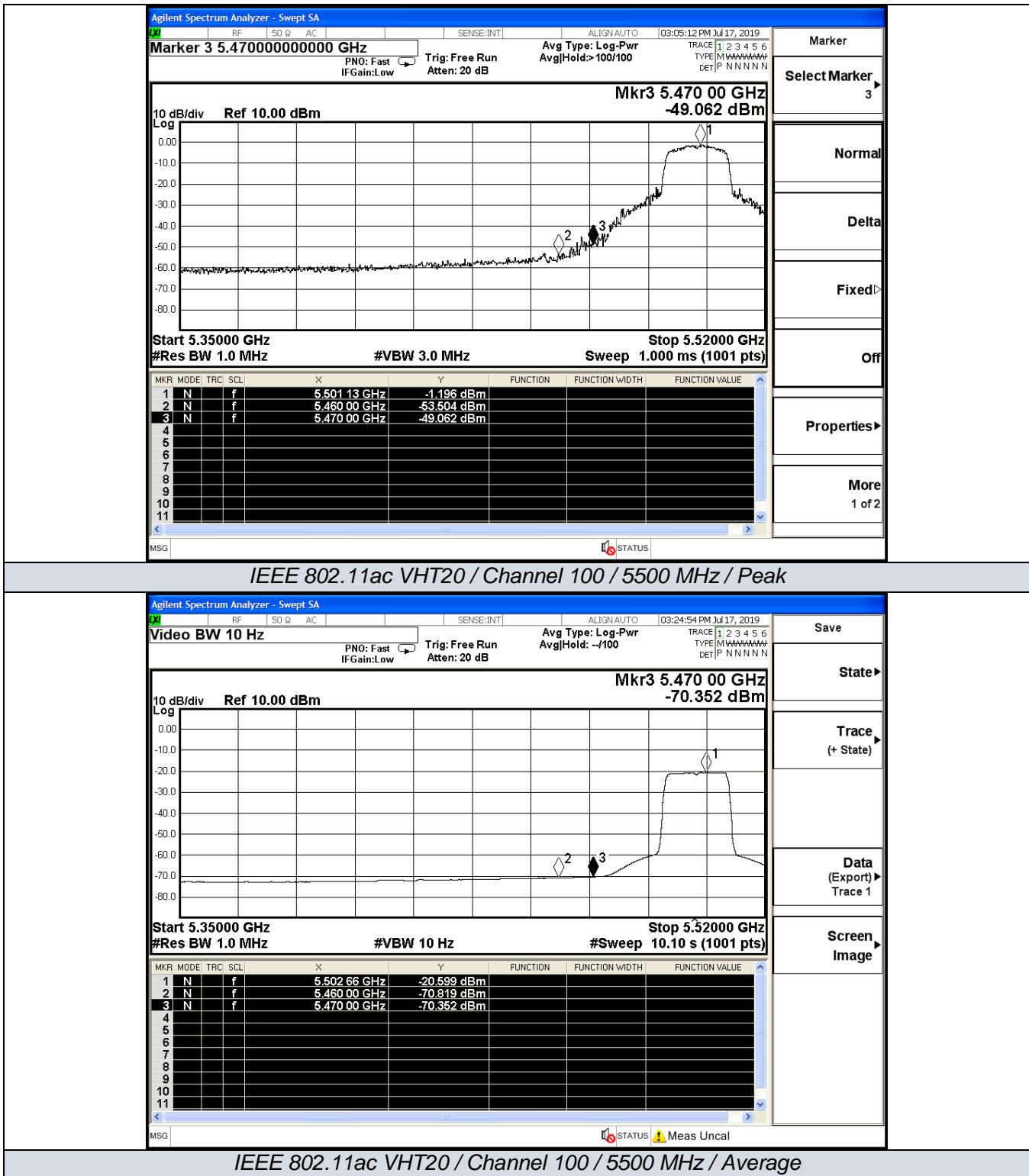


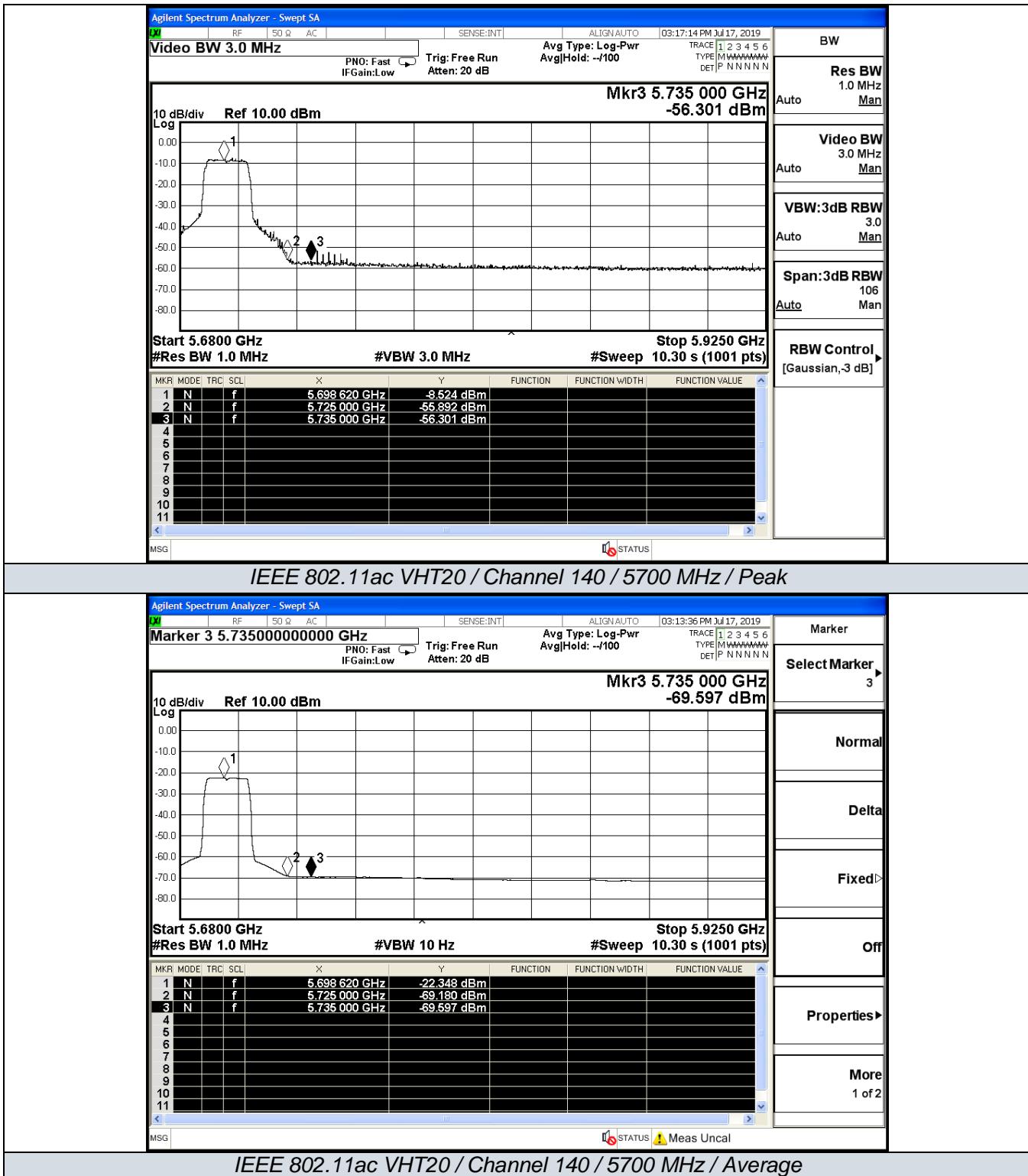
IEEE 802.11n HT40 / Channel 134 / 5670 MHz / Peak

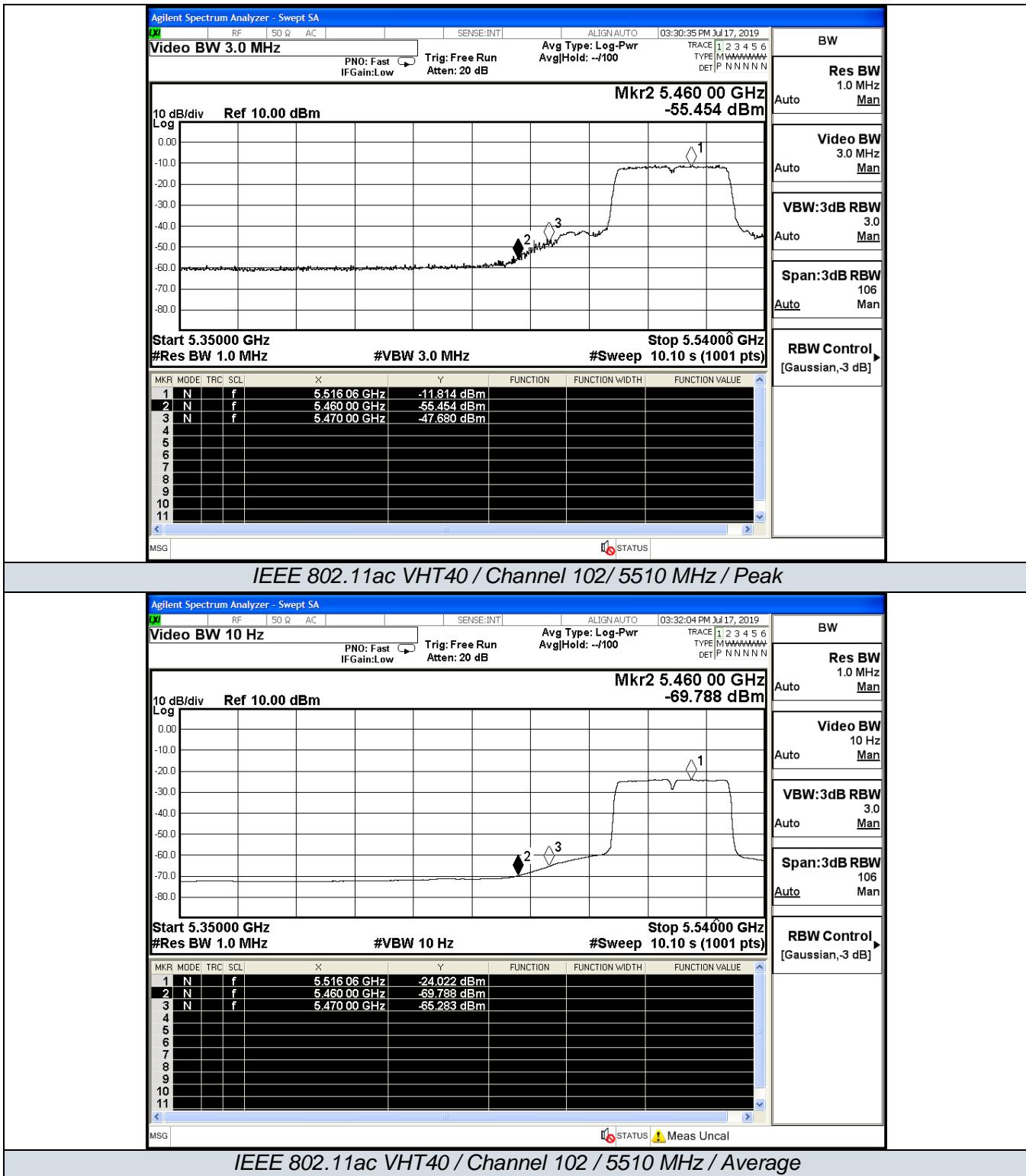


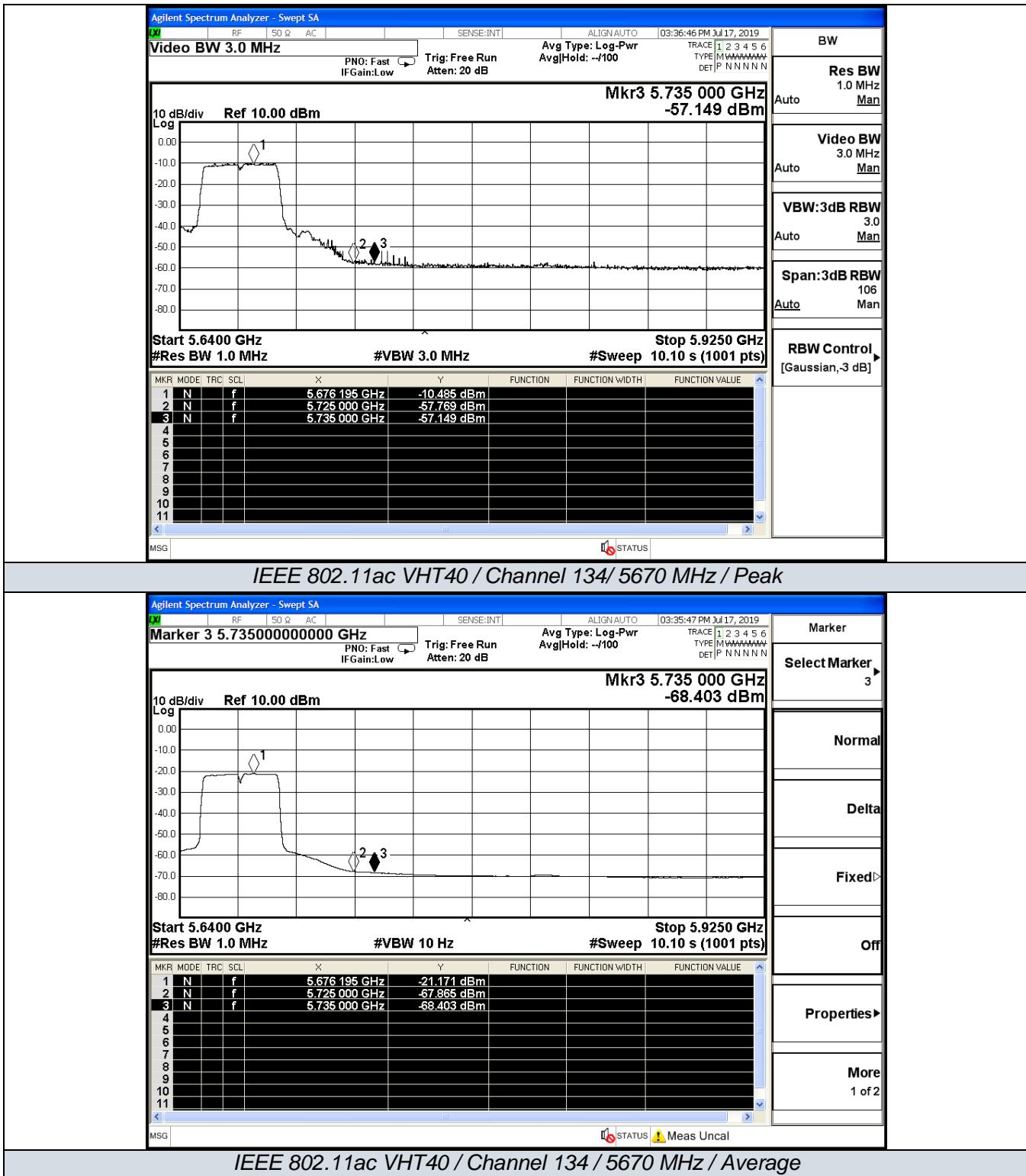
IEEE 802.11n HT40 / Channel 134 / 5670 MHz / Average

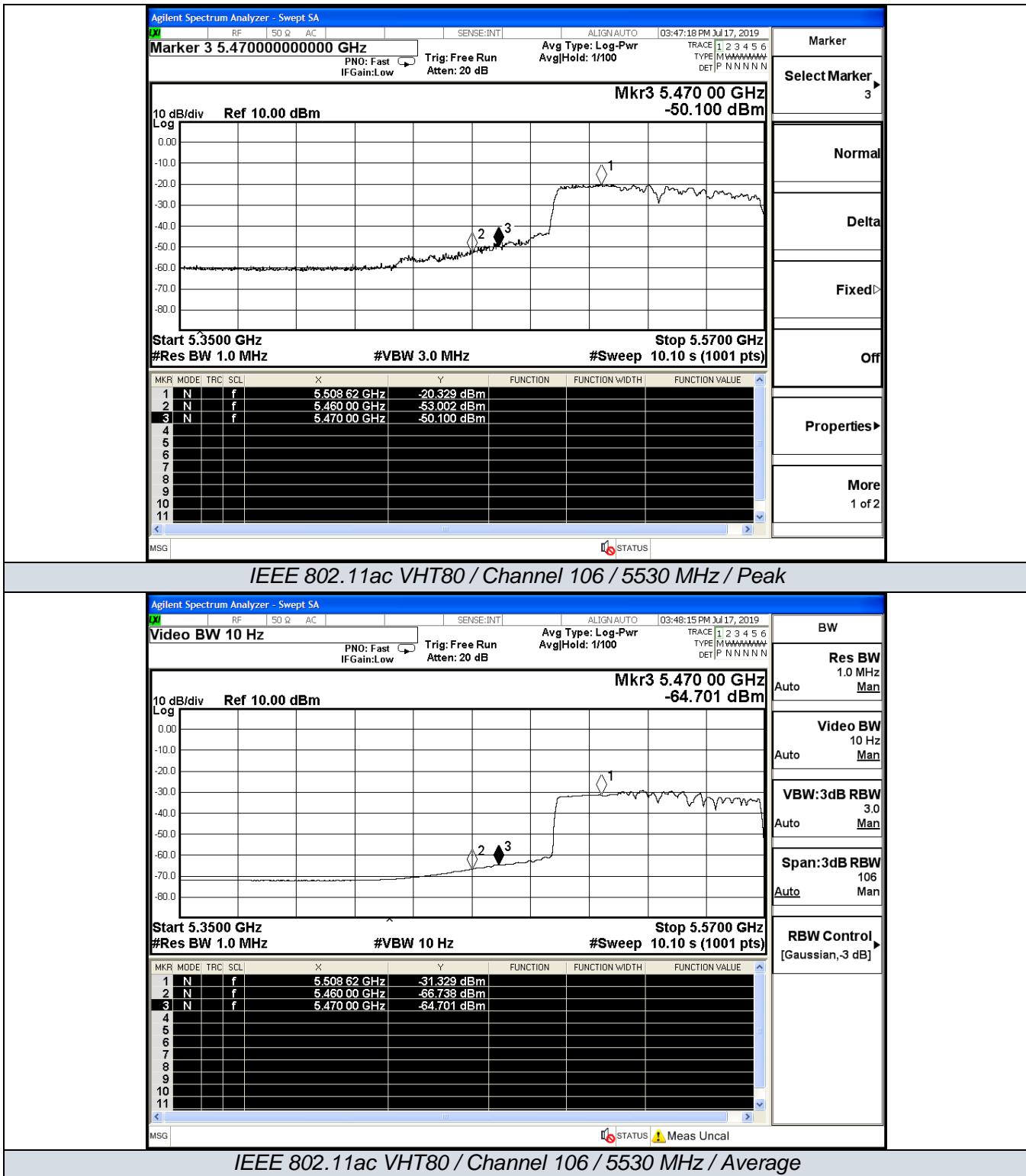
- BW
- Res BW 1.0 MHz Man
- Auto
- Video BW 3.0 MHz Man
- Auto
- VBW:3dB RBW 3.0 Man
- Auto
- Span:3dB RBW 106 Man
- Auto
- RBW Control ➤ [Gaussian,-3 dB]
- Marker
- Select Marker ➤ 3
- Normal
- Delta
- Fixed ➤
- Off
- Properties ➤
- More 1 of 2

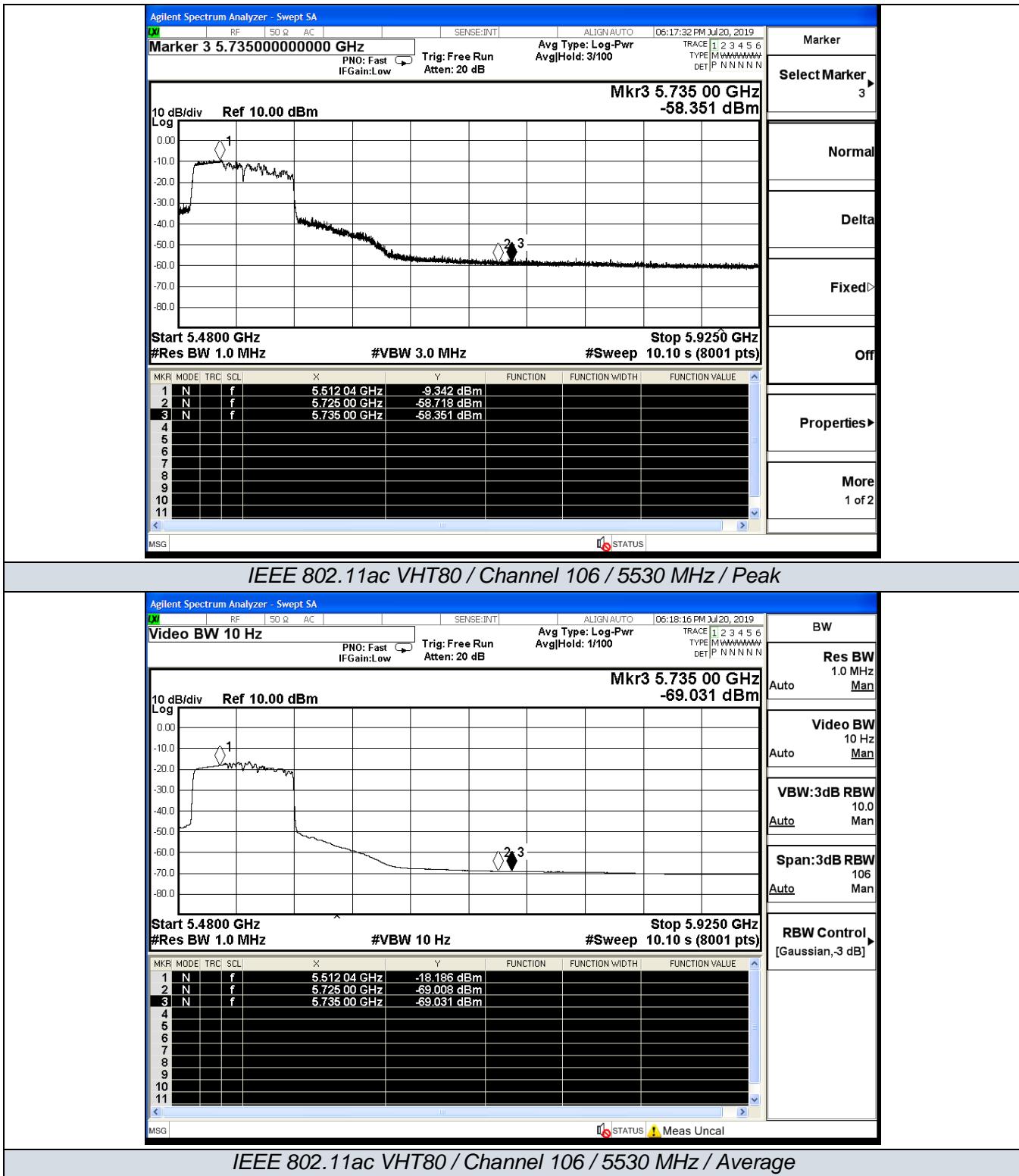


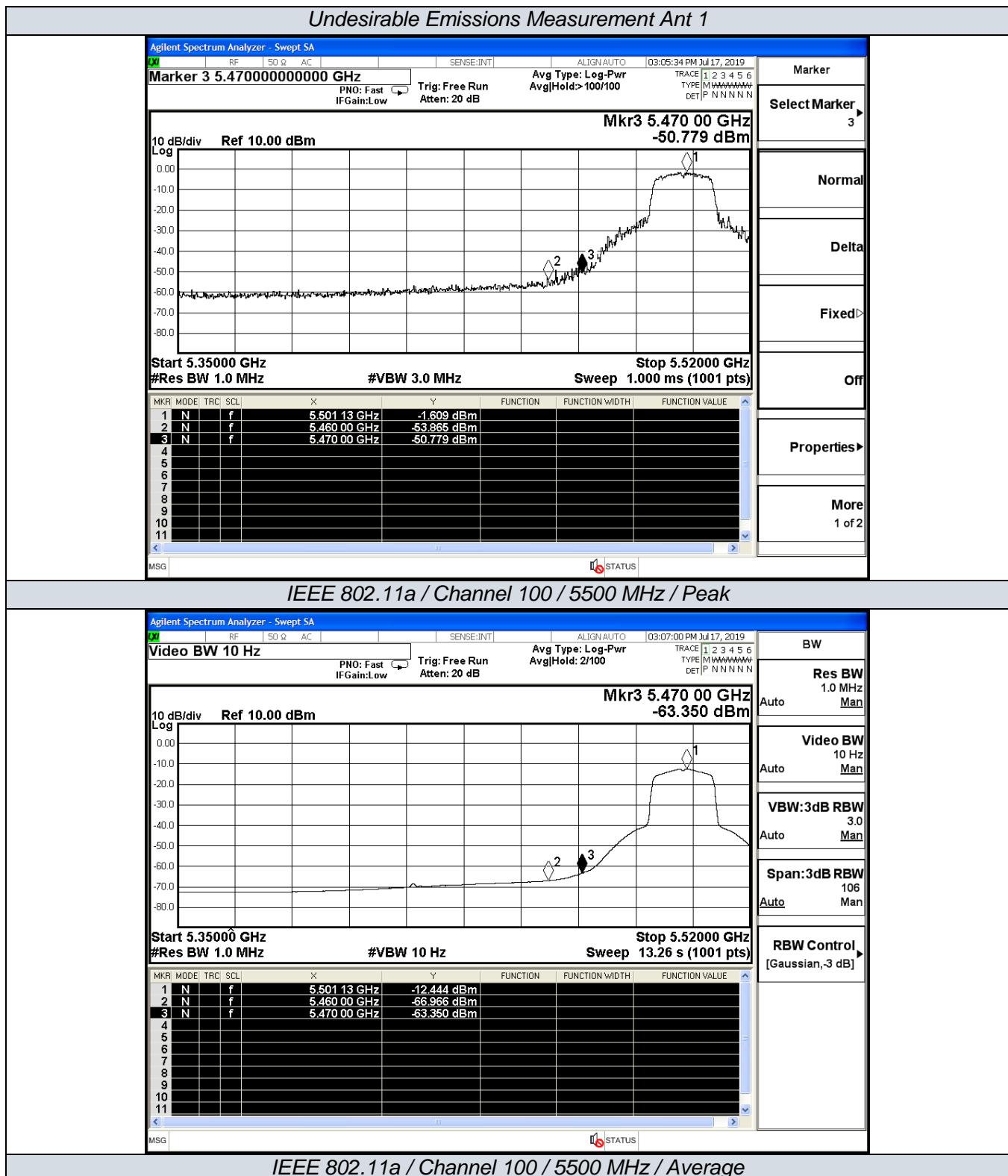




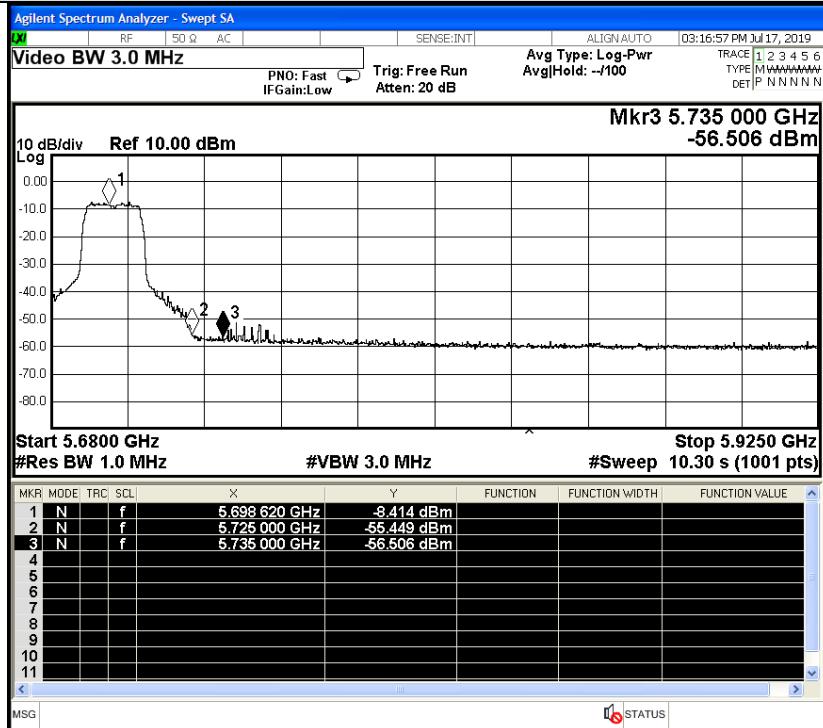








Undesirable Emissions Measurement



BW
Res BW 1.0 MHz Man
Auto

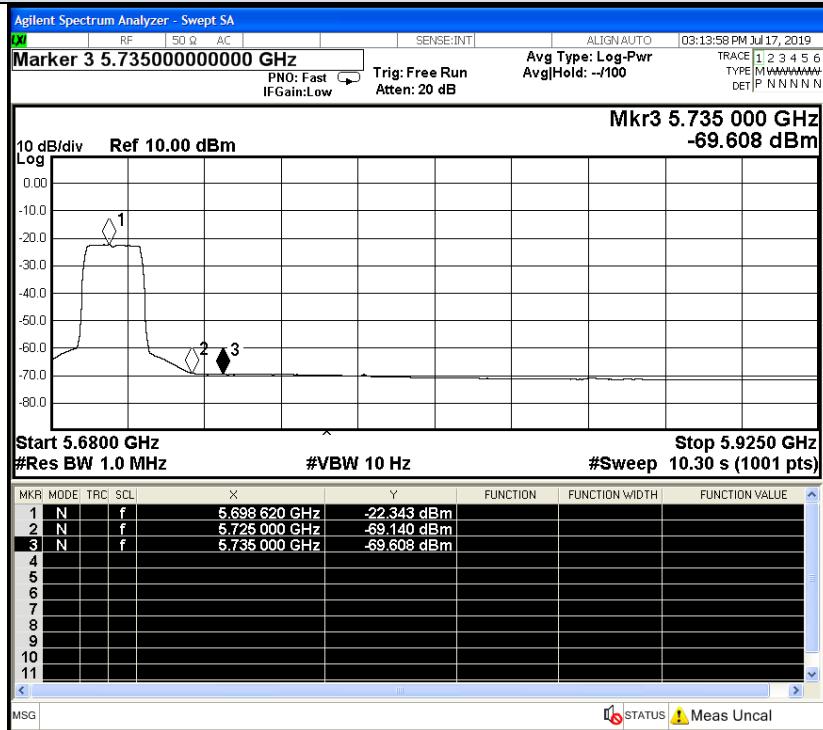
Video BW 3.0 MHz Man
Auto

VBW:3dB RBW 3.0 Man
Auto

Span:3dB RBW 106 Man
Auto

RBW Control [Gaussian,-3 dB]

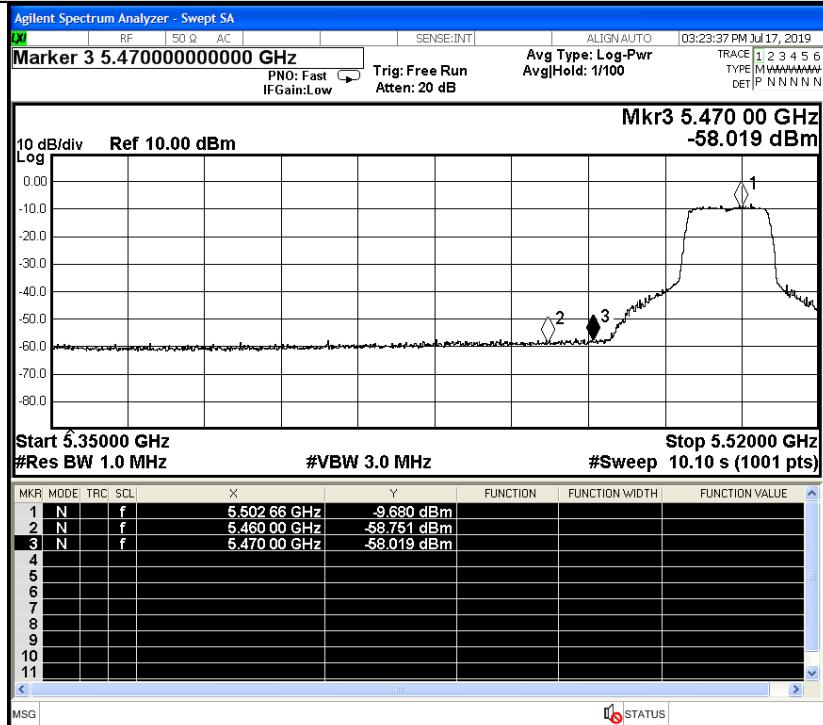
IEEE 802.11a / Channel 140 / 5700 MHz / Peak



Marker
Select Marker 3
Normal
Delta
Fixed
Off
Properties
More 1 of 2

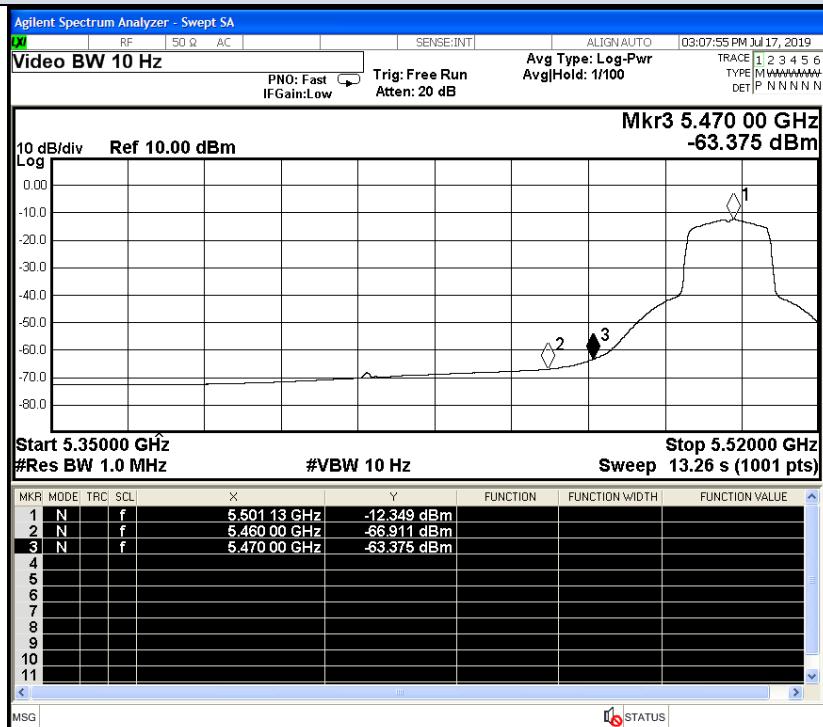
IEEE 802.11a / Channel 140 / 5700 MHz / Average

Undesirable Emissions Measurement



- Marker
- Select Marker ▾ 3
- Normal
- Delta
- Fixed ▾
- Off
- Properties ▾
- More 1 of 2

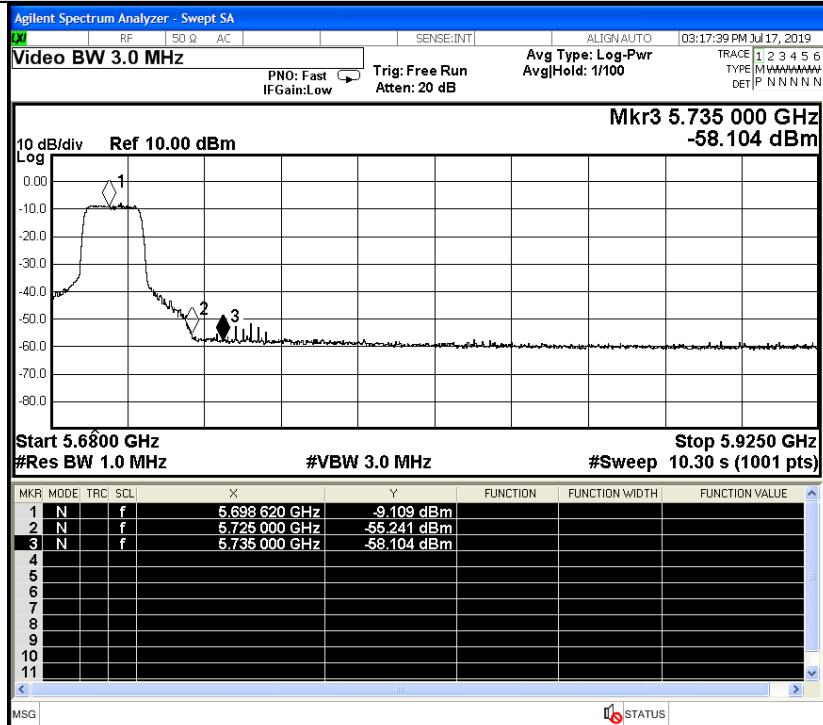
IEEE 802.11n HT20 / Channel 100 / 5500 MHz / Peak



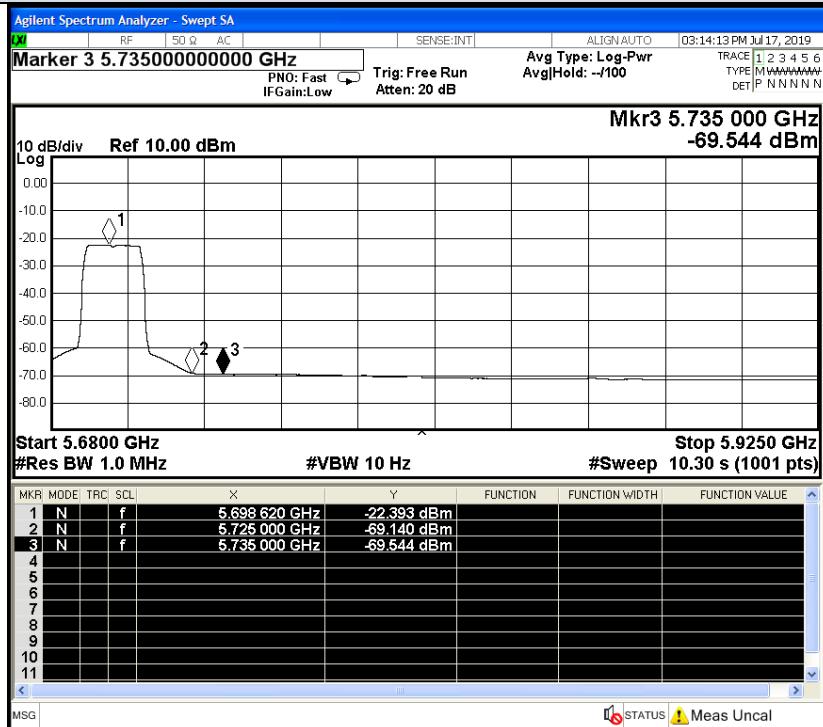
- BW
- Res BW 1.0 MHz Man
- Auto
- Video BW 10 Hz Man
- Auto
- VBW:3dB RBW 3.0 Man
- Auto
- Span:3dB RBW 106 Man
- Auto
- RBW Control ▾ [Gaussian,-3 dB]
-

IEEE 802.11n HT20 / Channel 100 / 5500 MHz / Average

Undesirable Emissions Measurement



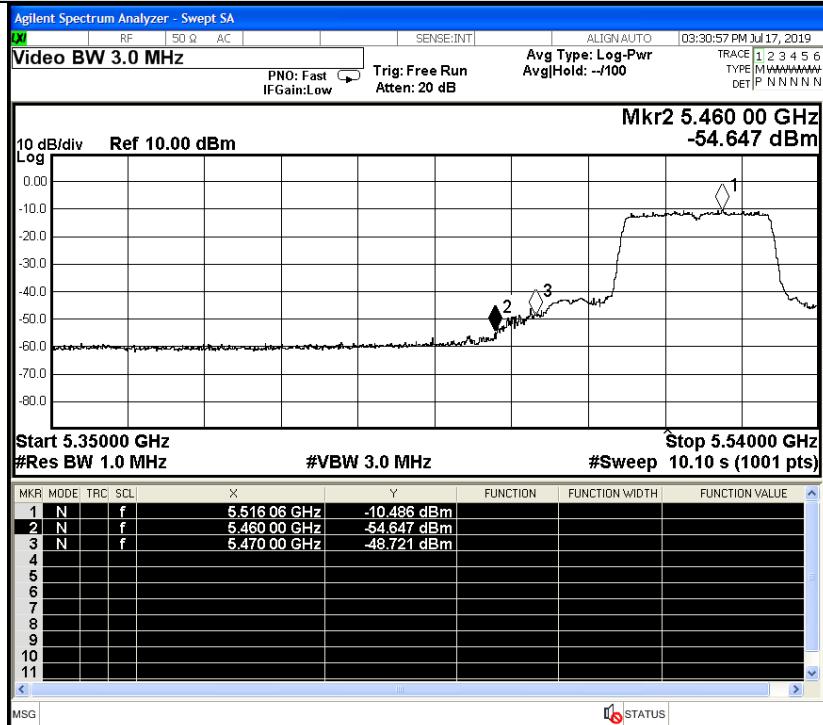
IEEE 802.11n HT20 / Channel 140 / 5700 MHz / Peak



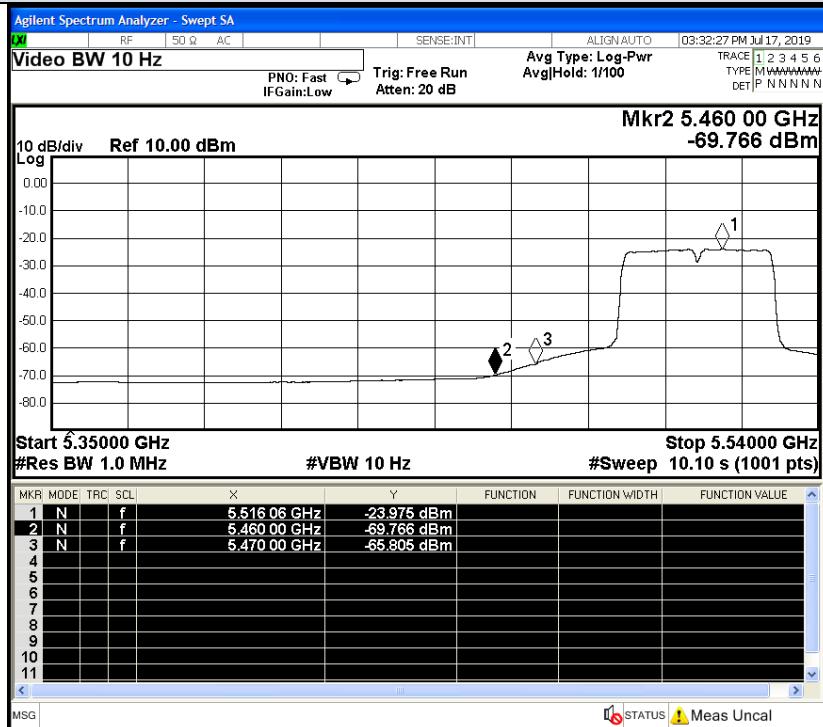
IEEE 802.11n HT20 / Channel 140 / 5700 MHz / Average

- BW
- Res BW 1.0 MHz Man
- Auto
- Video BW 3.0 MHz Man
- Auto
- VBW:3dB RBW 3.0 Man
- Auto
- Span:3dB RBW 106 Man
- Auto
- RBW Control ➤ [Gaussian, 3 dB]
- Marker
- Select Marker ➤ 3
- Normal
- Delta
- Fixed ➤
- Off
- Properties ➤
- More 1 of 2

Undesirable Emissions Measurement

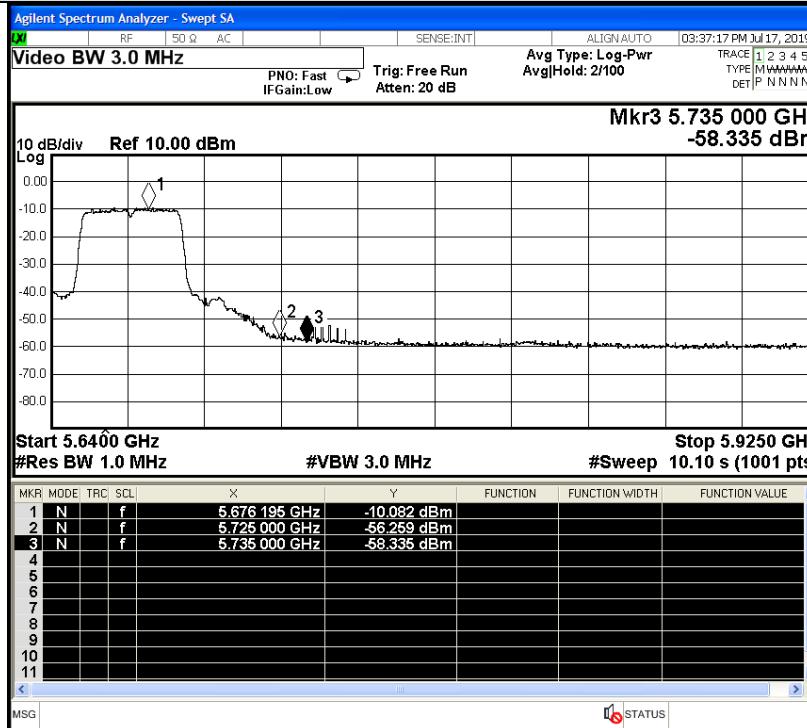


IEEE 802.11n HT40 / Channel 102 / 5510 MHz / Peak

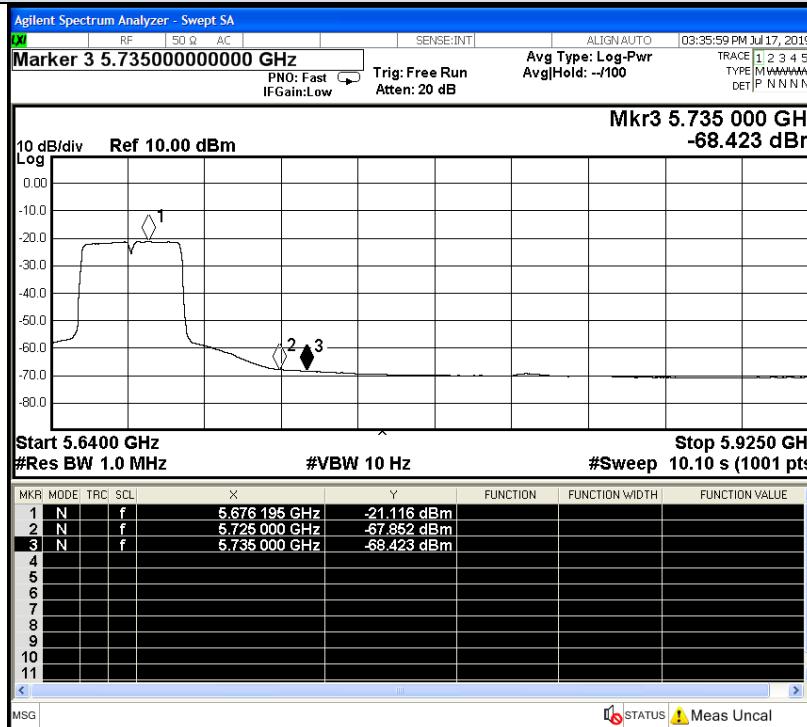


IEEE 802.11n HT40 / Channel 102 / 5510 MHz / Average

Undesirable Emissions Measurement



IEEE 802.11n HT40 / Channel 134 / 5670 MHz / Peak



IEEE 802.11n HT40 / Channel 134 / 5670 MHz / Average

- Trace/Detector
- Select Trace ▶ 1
- Clear Write
- Trace Average
- Max Hold
- Min Hold
- View Blank ▶ Trace On
- More ▶ 1 of 3

- Marker
- Select Marker ▶ 3
- Normal
- Delta
- Fixed ▶
- Off
- Properties ▶
- More ▶ 1 of 2

