

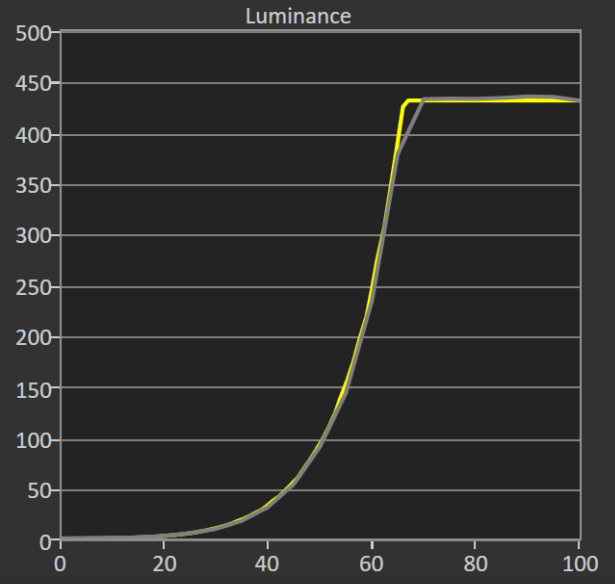
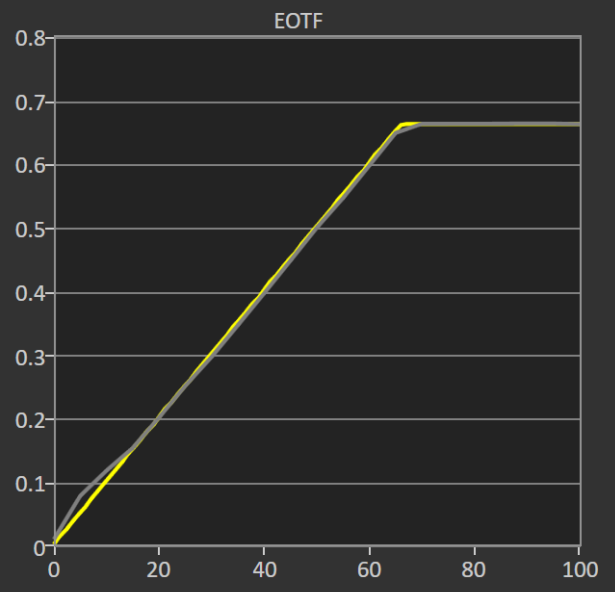
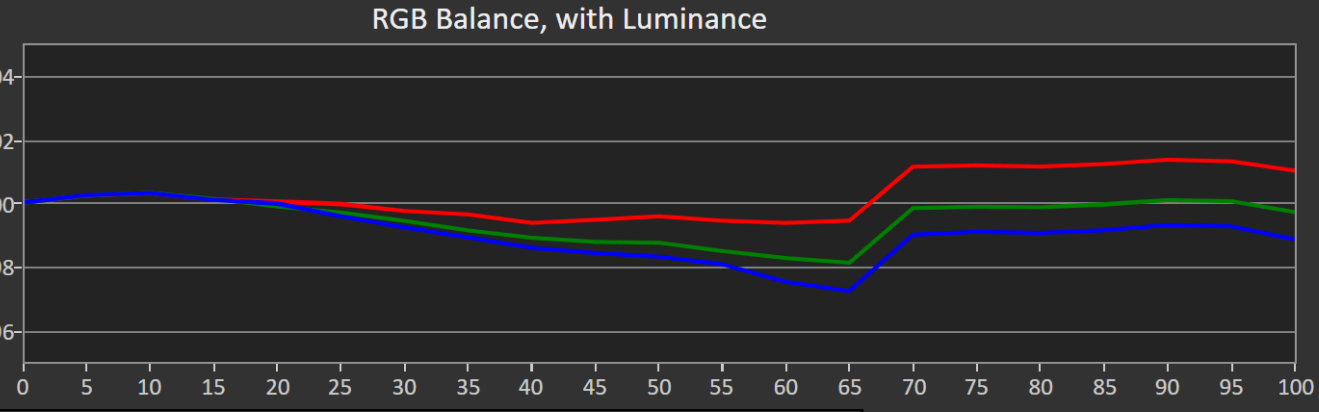
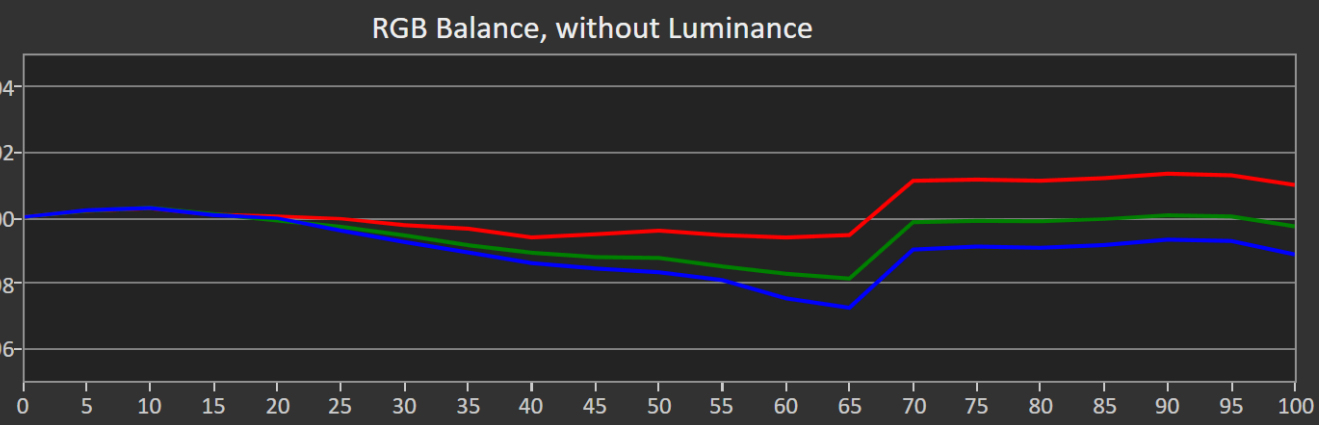
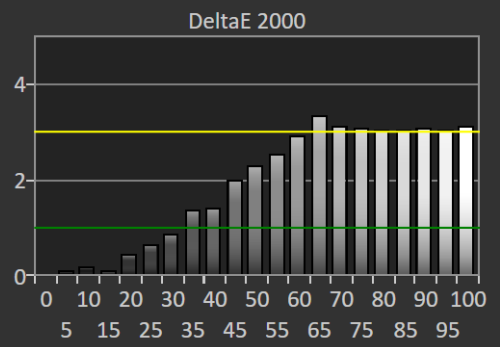
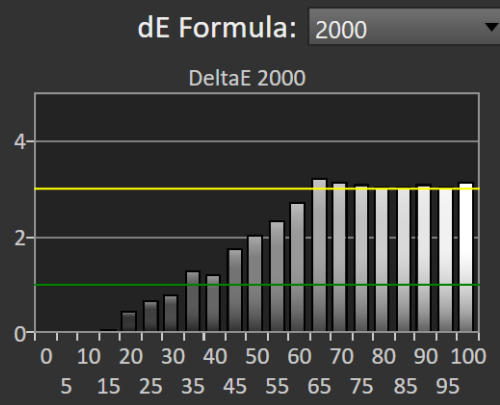
# Gray Scale: True Black 400

Dell AW2725DF – 10% APL

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0

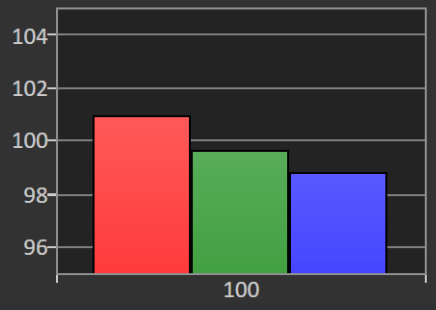


## Grayscale Tracking



Current Reading:  
x: 0.3183  
y: 0.3313  
fL: 125.499  
cd/m<sup>2</sup>: 429.993

	0	5	10	15	20	25	30	35	40	45	50	
<b>Y</b>	0.001	0.161	0.481	1.028	2.396	5.085	9.356	17.236	30.522	52.946	89.867	1
<b>x: CIE31</b>	0.355	0.310	0.312	0.313	0.315	0.317	0.318	0.318	0.318	0.318	0.318	0
<b>y: CIE31</b>	0.353	0.324	0.330	0.331	0.327	0.330	0.331	0.331	0.331	0.331	0.331	0
<b>Target Y</b>	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.075	1
<b>Target x:CIE31</b>	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0
<b>Target y:CIE31</b>	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0



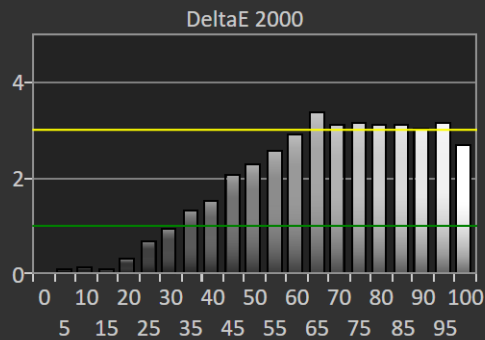
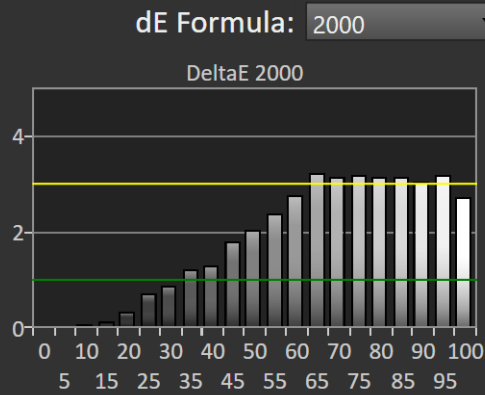
# Gray Scale: True Black 400

Dell AW2725DF – 2% APL

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0



## Grayscale Tracking



Current Reading:

x: 0.3175

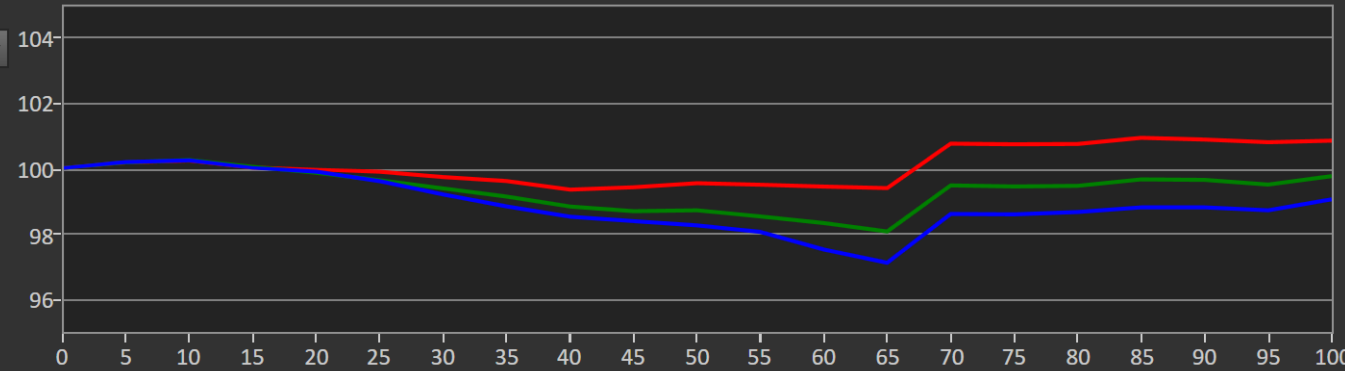
y: 0.3309

fl: 128.715

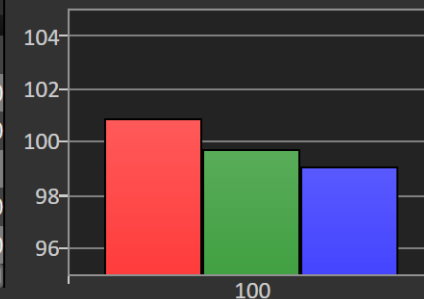
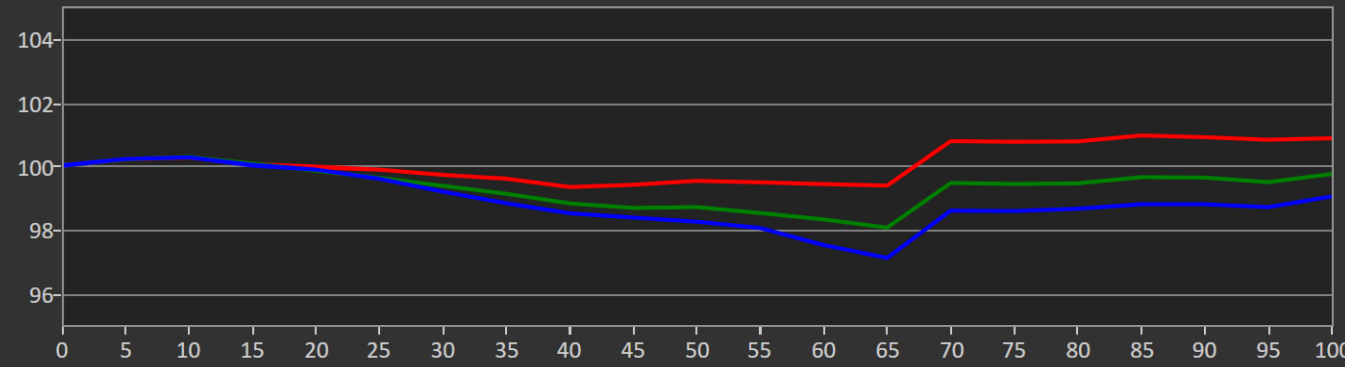
cd/m<sup>2</sup>: 441.01

	0	5	10	15	20	25	30	35	40	45	50	
<b>Y</b>	0.002	0.155	0.468	1.004	2.372	5.045	9.310	17.199	30.374	52.700	89.667	1
<b>x: CIE31</b>	0.402	0.310	0.312	0.313	0.315	0.316	0.318	0.319	0.318	0.318	0.319	0
<b>y: CIE31</b>	0.333	0.325	0.331	0.332	0.328	0.329	0.331	0.331	0.331	0.330	0.331	0
<b>Target Y</b>	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.075	1
<b>Target x:CIE31</b>	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0
<b>Target y:CIE31</b>	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0

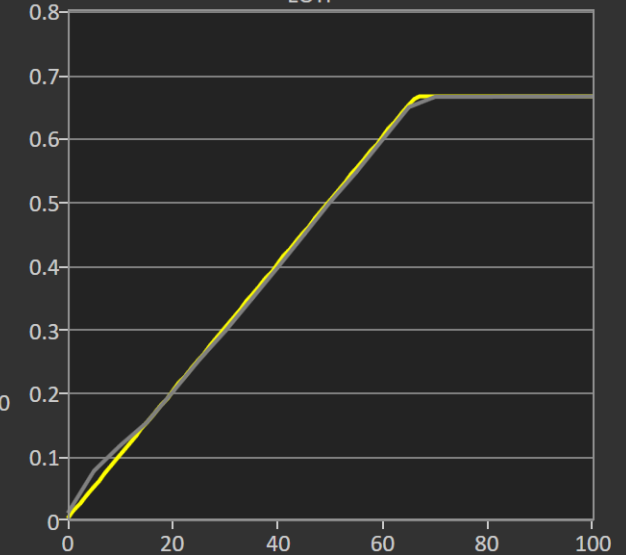
RGB Balance, without Luminance



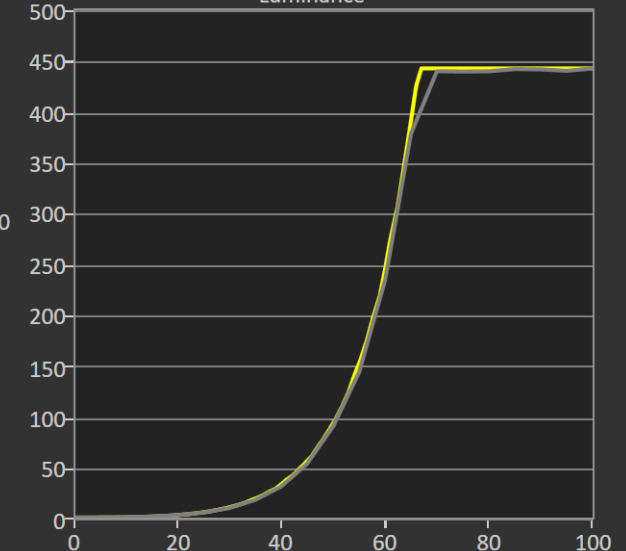
RGB Balance, with Luminance



EOTF



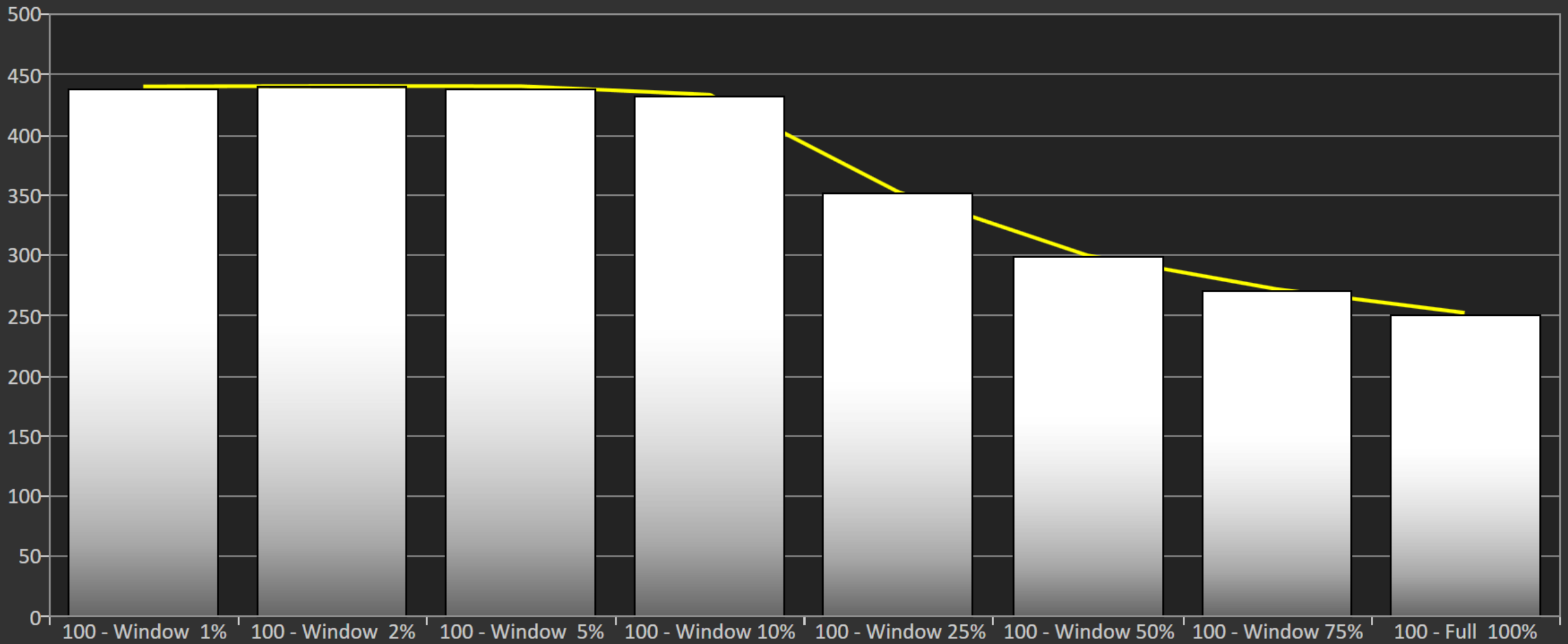
Luminance



# Peak vs. Window Size: True Black 400

Dell AW2725DF

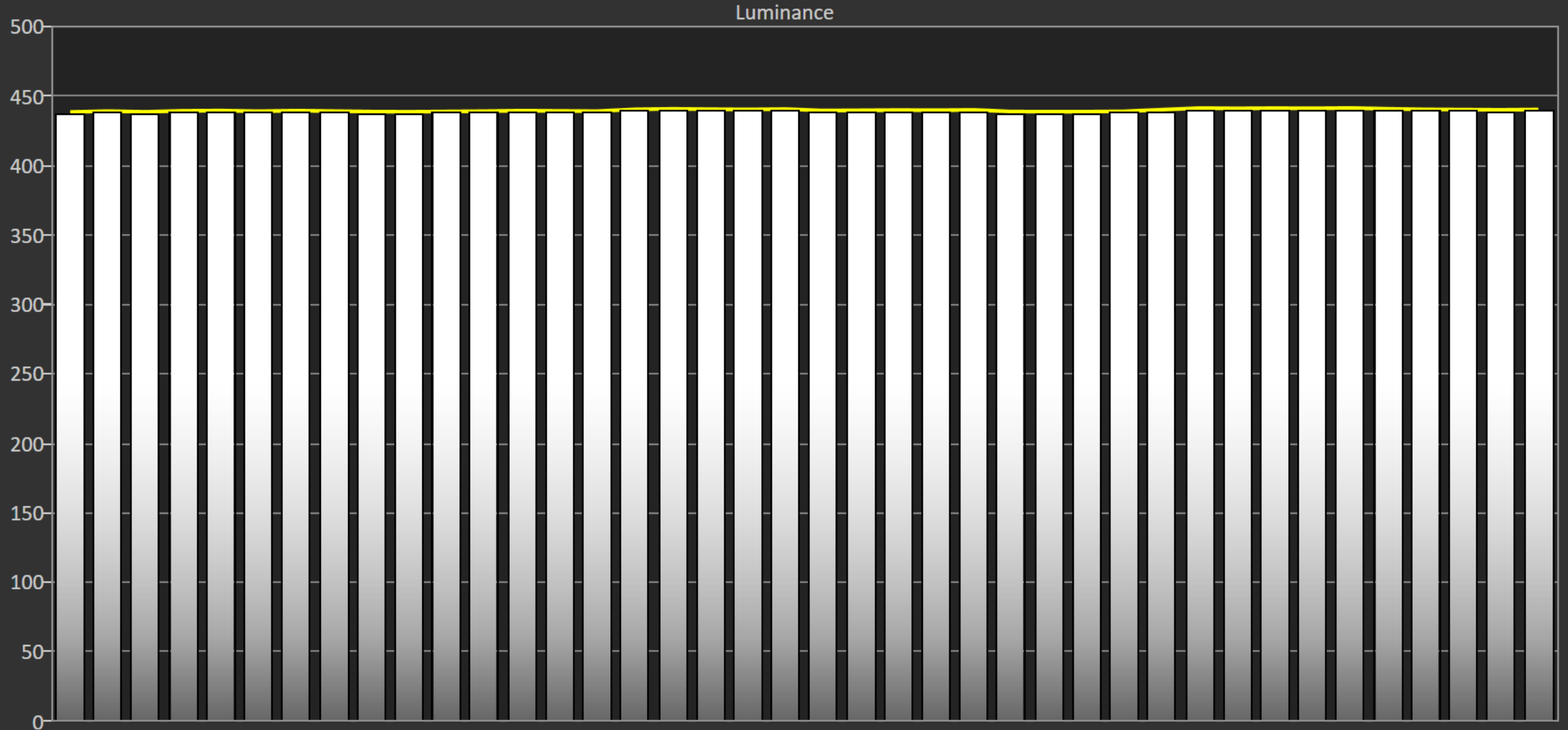
Portrait Display Calman Ultimate



# Peak Luminance Stability: True Black 400

Dell AW2725DF – 2 % APL

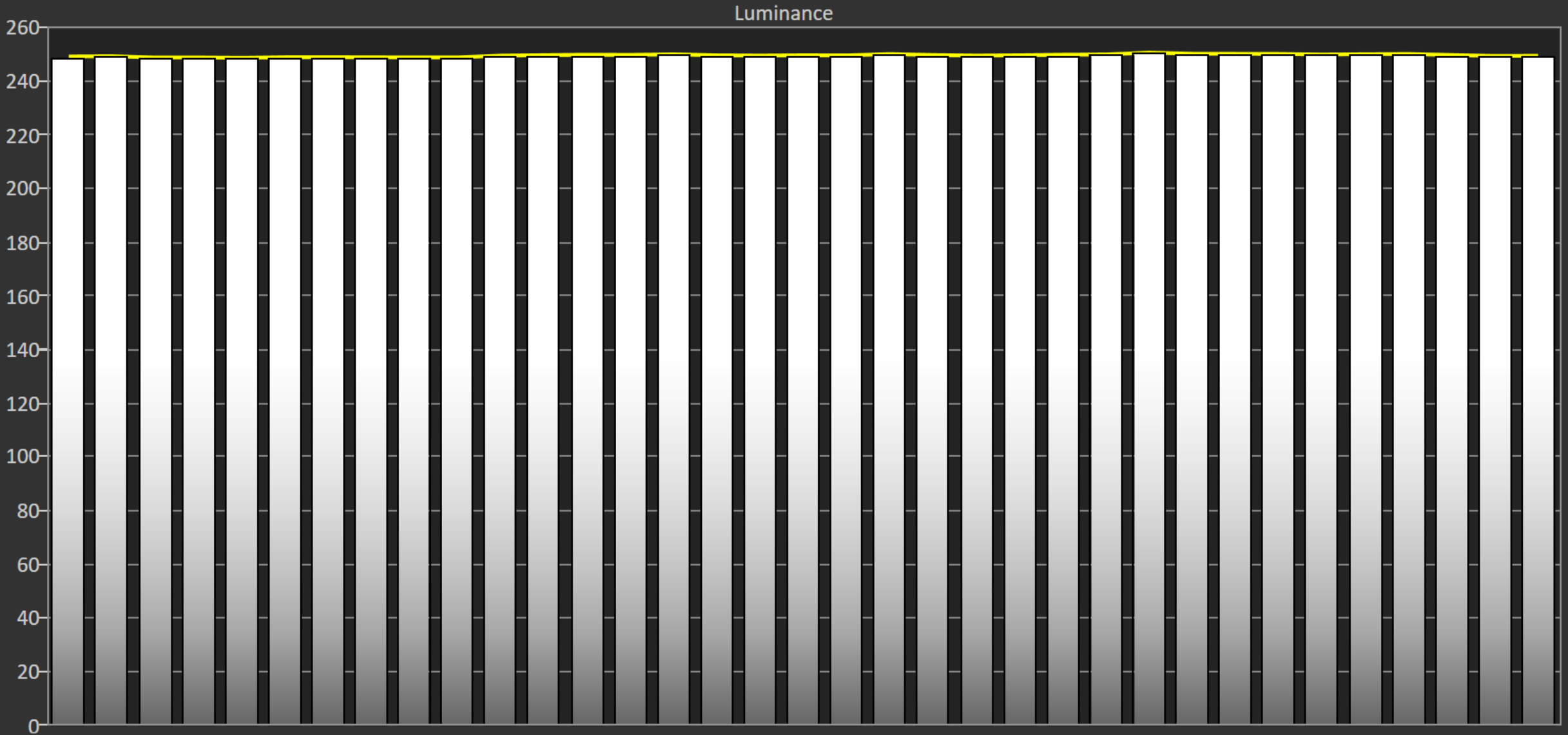
Portrait Display Calman Ultimate



# Peak Luminance Stability: True Black 400

Dell AW2725DF – 100 % APL

Portrait Display Calman Ultimate



# ColorMatch HDR: True Black 400

Dell AW2725DF – 10% APL

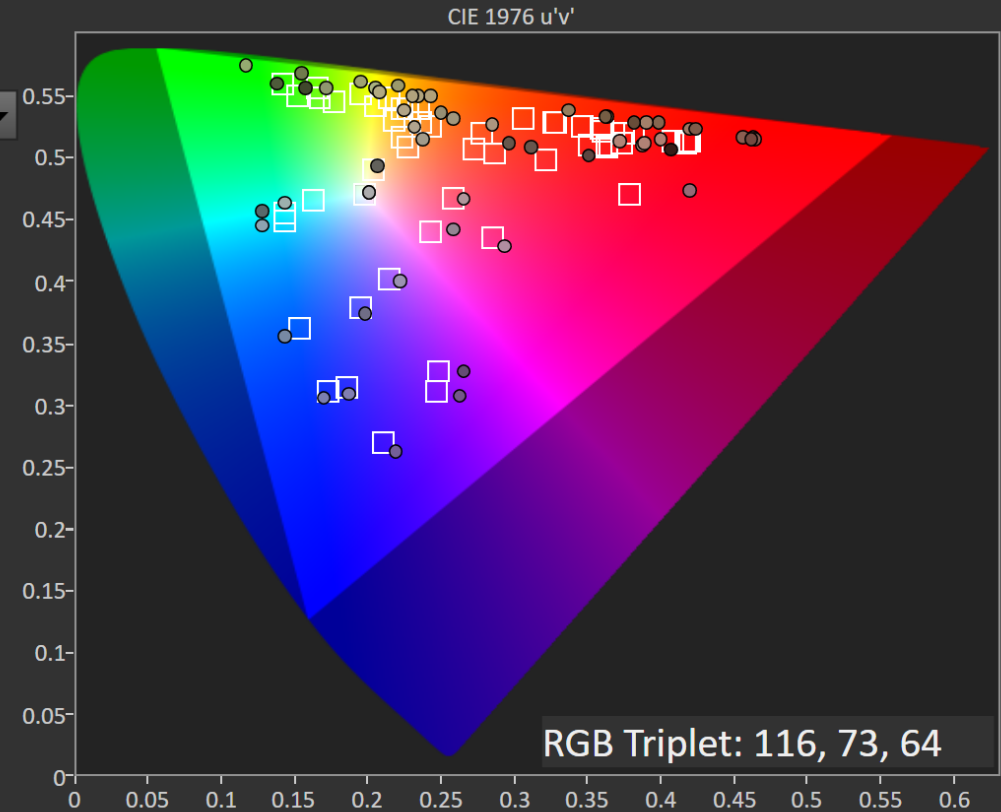
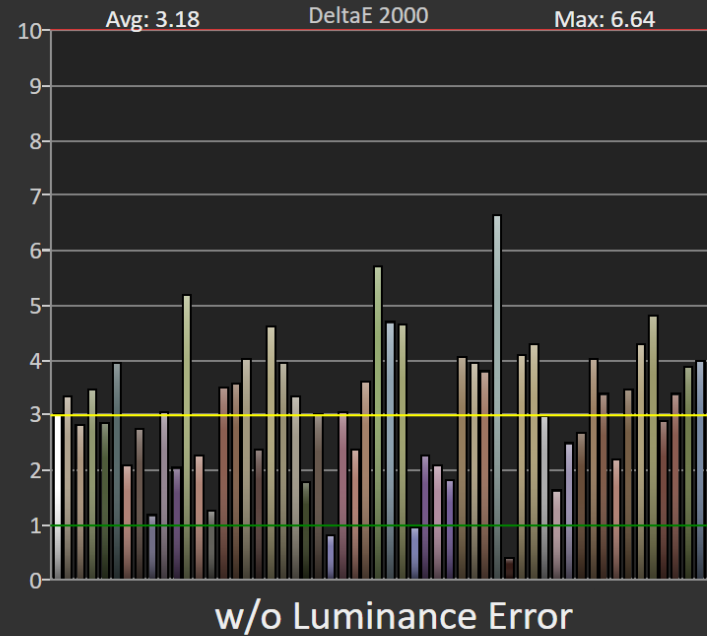
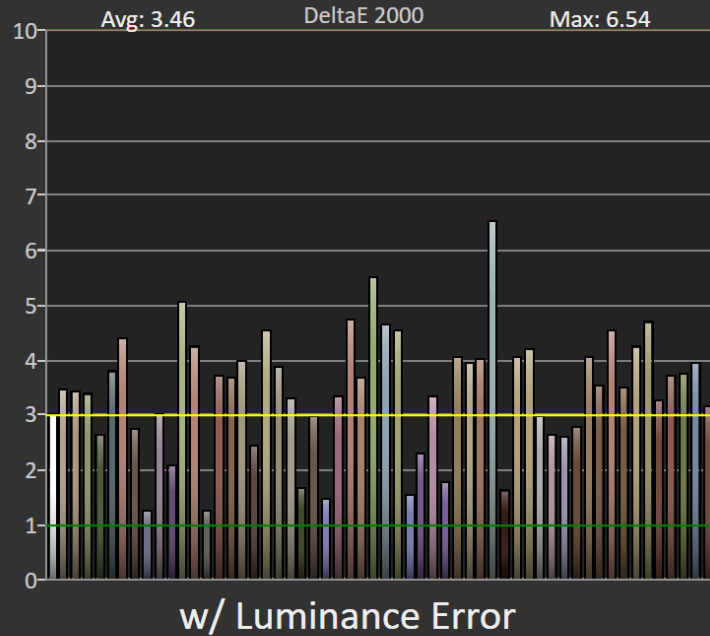
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.5 | Max. DeltaE < 4.5



## ColorMatch HDR

\*The ColorMatch HDR patch set is derived from actual HDR video content.

dE Formula:



	White	Color 1	Color 2	Color 3	Color 4	Color 5	Color 6	Color 7	Color 8	Color 9	Color 10	Color 11	Color 12	Color 13	Color 14	Color 15	Color 16	Color 17	Color 18	Color 19	Color 20	Color
<b>x: CIE31</b>	0.3182	0.4137	0.4840	0.3697	0.3181	0.2101	0.5632	0.4858	0.2472	0.3566	0.2849	0.4227	0.5539	0.3460	0.6318	0.5998	0.4586	0.5178	0.4227	0.4534	0.4101	0.348
<b>y: CIE31</b>	0.3314	0.4155	0.3955	0.5319	0.5746	0.3305	0.3293	0.3511	0.2061	0.2702	0.1550	0.5077	0.3391	0.3650	0.3176	0.3511	0.4185	0.3283	0.4971	0.4313	0.3936	0.543
<b>Y</b>	431.9047	335.7133	239.1776	190.7860	15.6279	29.6160	153.4416	20.6300	47.8518	139.1255	18.7886	400.8147	162.6696	25.1325	55.9818	53.8207	236.6535	10.6211	406.4563	171.3685	267.8239	6.705
<b>Target x:CIE31</b>	0.3127	0.3940	0.4661	0.3646	0.3302	0.2314	0.5375	0.4533	0.2465	0.3398	0.2708	0.4029	0.5281	0.3383	0.5861	0.5548	0.4296	0.4842	0.4014	0.4252	0.3902	0.352
<b>Target y:CIE31</b>	0.3290	0.4040	0.3862	0.4953	0.5268	0.3238	0.3328	0.3526	0.2114	0.2720	0.1576	0.4695	0.3397	0.3594	0.3261	0.3579	0.4109	0.3329	0.4672	0.4217	0.3860	0.511
<b>Target Y</b>	431.9047	362.4099	266.7485	200.4066	16.5971	31.7532	186.3409	20.6497	49.6300	141.8199	18.5495	411.8725	195.0338	26.0490	54.1003	52.9620	244.6872	10.4355	412.0954	176.4796	276.1415	6.884
<b>dE_ICtCp_240</b>	1.1326	4.3806	4.7101	6.2506	5.0017	4.7848	7.7463	5.9628	1.3146	4.6184	5.5460	9.4004	7.2075	1.4239	12.6003	10.9164	5.8511	6.4667	7.8791	5.6597	3.8427	3.043

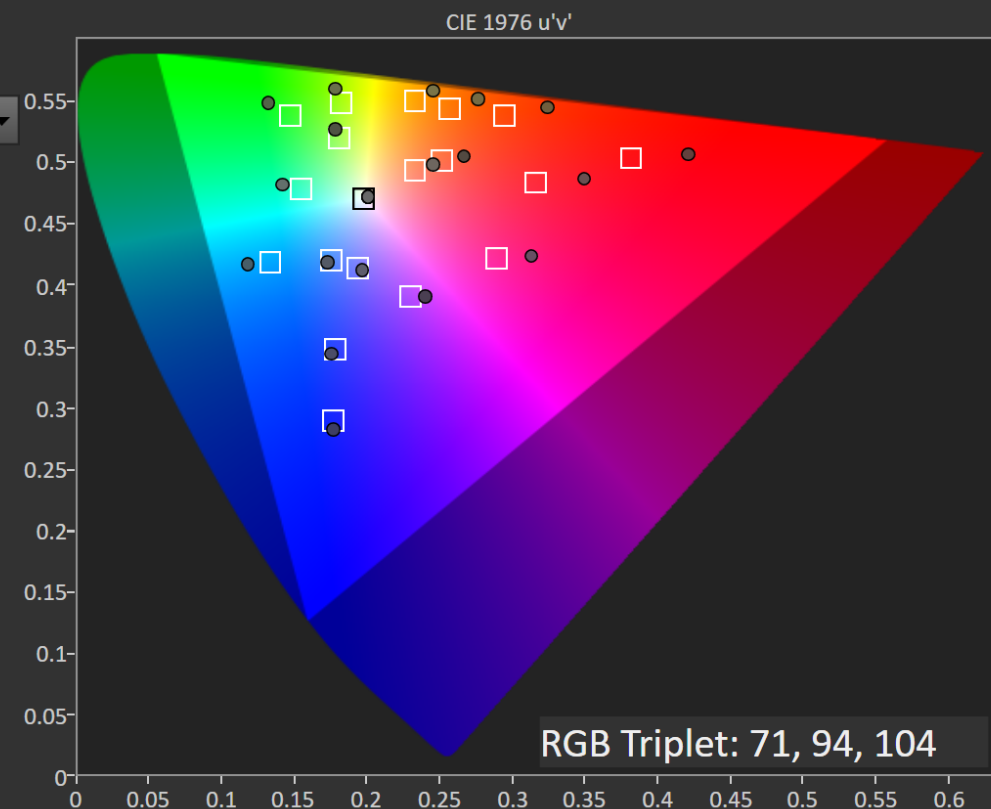
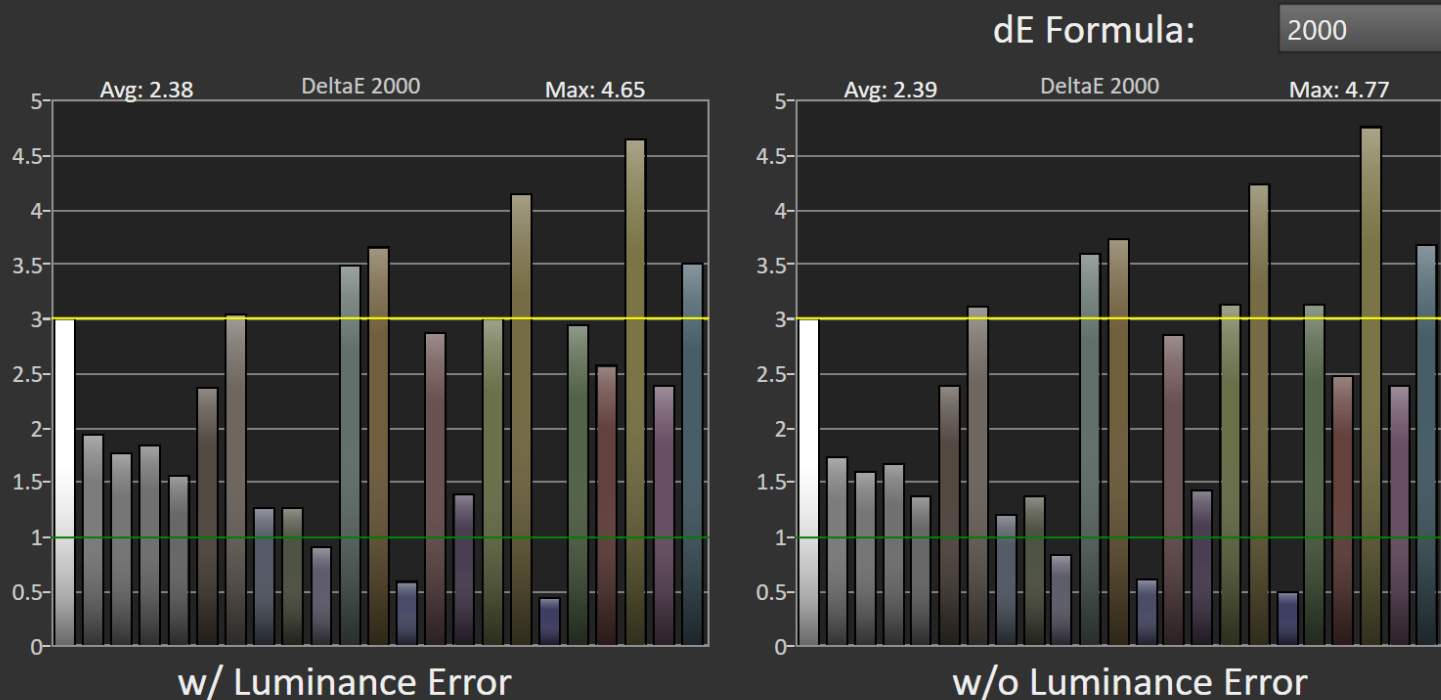
# ColorChecker: True Black 400

Dell AW2725DF – 10% APL

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.5 | Max. DeltaE < 4.5



## ColorChecker® Analysis



	White	Gray 80	Gray 65	Gray 50	Gray 35	Dark Skin	Light Skin	Blue Sky	Foliage	Blue Flower	Bluish Green	Orange	Purplish Blue	Moderate Red	Purple	Yellow Green	Orange Yellow	Blue	Green	Red	Yc
<b>x: CIE31</b>	0.3182	0.3179	0.3177	0.3182	0.3175	0.4328	0.4010	0.2439	0.3429	0.2665	0.2458	0.5541	0.2092	0.4967	0.2995	0.3874	0.5123	0.1866	0.2927	0.5873	0.4
<b>y: CIE31</b>	0.3314	0.3308	0.3306	0.3305	0.3300	0.3630	0.3590	0.2610	0.4471	0.2471	0.3695	0.4112	0.1800	0.3067	0.2144	0.5347	0.4513	0.1313	0.5387	0.3126	0.4
<b>Y</b>	430.9236	77.1265	63.2028	47.1105	33.4554	9.5435	34.1454	17.9000	12.4597	22.1552	40.5206	28.2047	10.9483	18.5846	6.3751	41.3633	43.1223	5.9344	21.7667	11.7215	57
<b>Target x:CIE31</b>	0.3127	0.3127	0.3127	0.3127	0.3127	0.4095	0.3796	0.2494	0.3405	0.2662	0.2621	0.5106	0.2136	0.4597	0.2901	0.3764	0.4745	0.1885	0.3085	0.5466	0.4
<b>Target y:CIE31</b>	0.3290	0.3290	0.3290	0.3290	0.3290	0.3620	0.3560	0.2628	0.4317	0.2503	0.3581	0.4129	0.1837	0.3114	0.2171	0.5012	0.4449	0.1355	0.4962	0.3189	0.4
<b>Target Y</b>	430.9236	80.3390	65.7795	49.4422	35.3489	9.6506	35.3720	18.8340	13.1360	23.3018	43.1697	28.7456	11.5196	18.5140	6.4950	44.1559	44.1961	6.0883	23.5867	11.4907	59
<b>dE ICtCp_240</b>	1.1271	1.3756	1.3179	1.5010	1.4926	3.5531	3.7656	1.5440	1.8547	1.1432	3.9225	8.7961	1.3737	7.8929	2.4938	5.6558	8.0434	0.7117	4.8561	8.7586	8.5

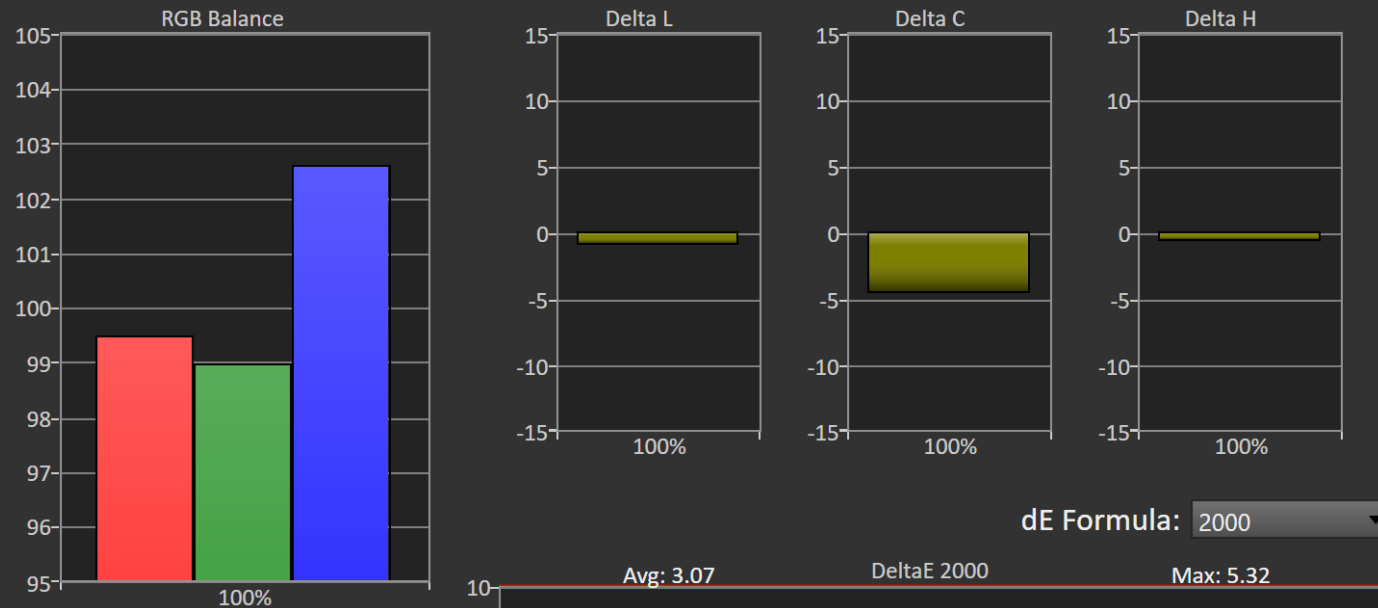
# Saturation: True Black 400

Dell AW2725DF – 10% APL

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | Max. DeltaE < 4.5

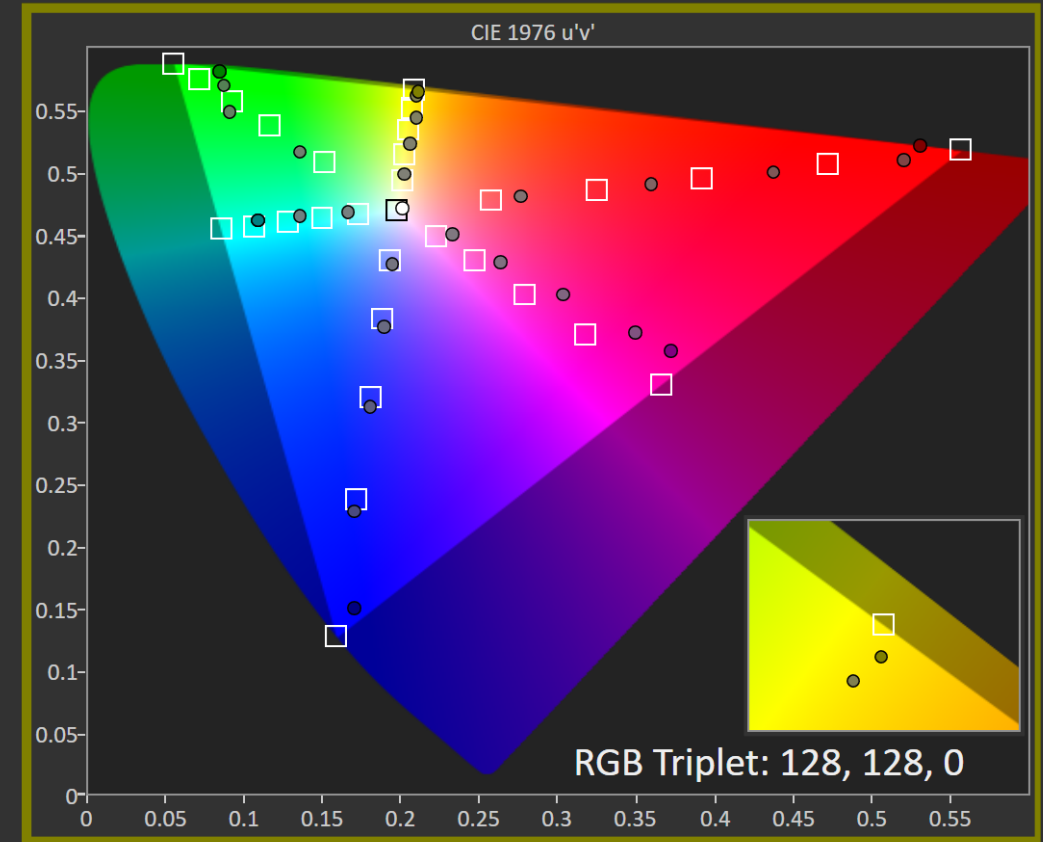
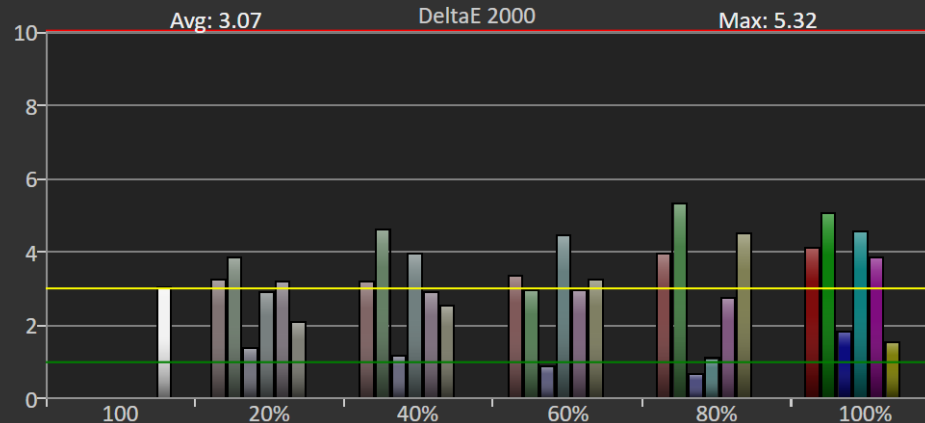


## BT.2020 Saturation Sweeps



### Current Reading

x: 0.4463  
y: 0.5298  
fL: 24.876  
cd/m<sup>2</sup>: 85.231



	20%	40%	60%	80%	100%
<b>x: CIE31</b>	0.3476	0.3805	0.4128	0.4409	0.4463
<b>y: CIE31</b>	0.3799	0.4265	0.4750	0.5241	0.5298
<b>Y</b>	88.4112	87.6085	86.1975	85.7422	85.2307
<b>Target x:CIE31</b>	0.3393	0.3662	0.3930	0.4196	0.4465
<b>Target y:CIE31</b>	0.3704	0.4123	0.4540	0.4955	0.5374
<b>Target Y</b>	92.3968	91.0846	90.0442	89.2031	88.4963



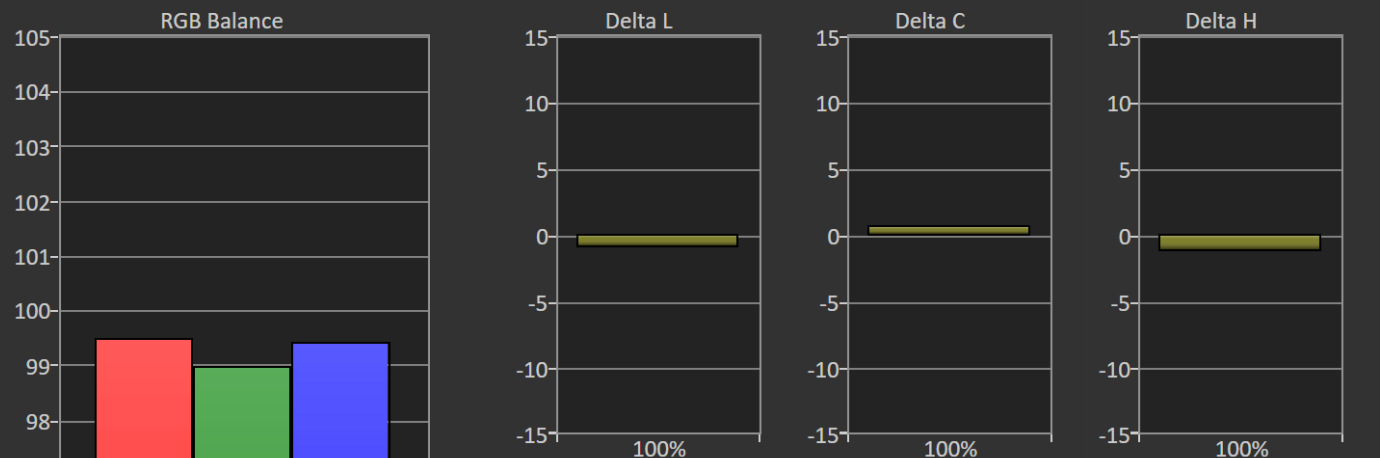
# Saturation: True Black 400

Dell AW2725DF – 10% APL

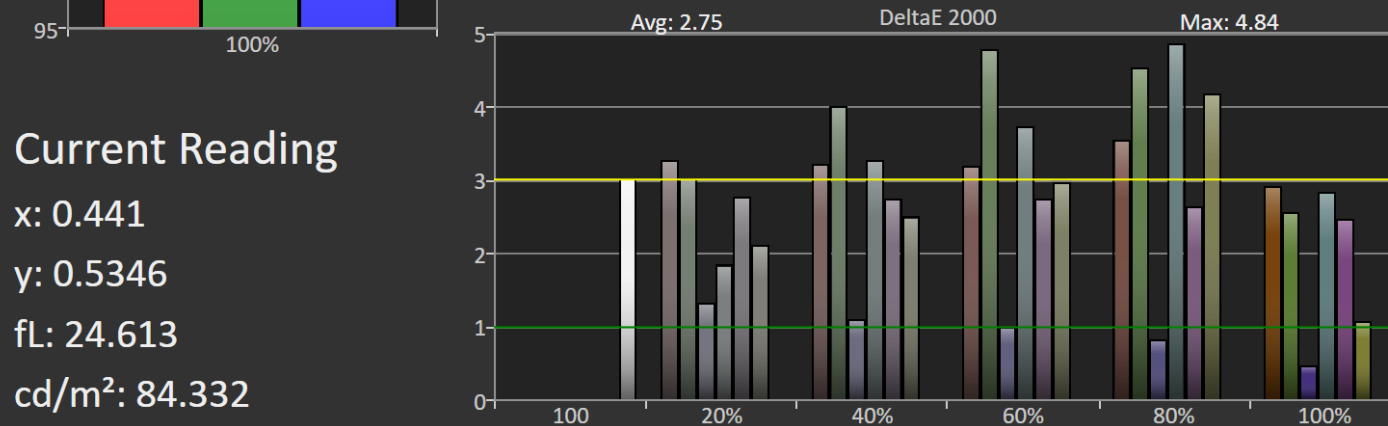
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | Max. DeltaE < 4.5



## P3 Saturation Sweeps inside BT.2020

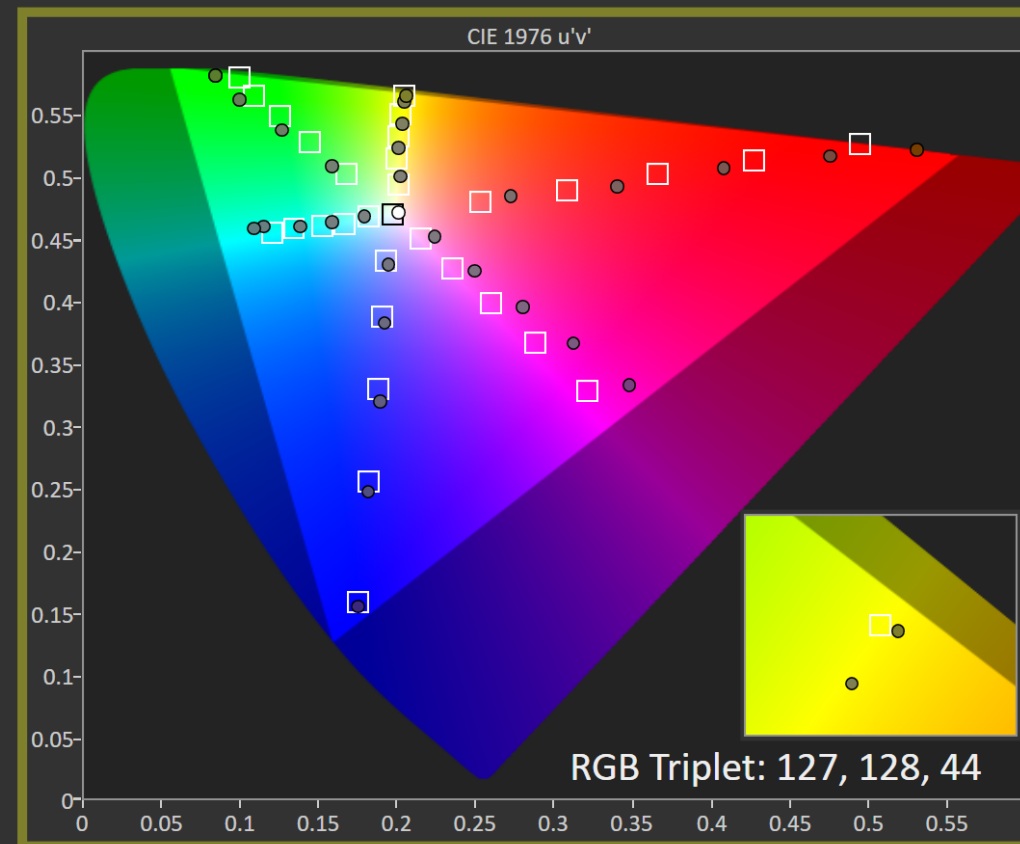


dE Formula: 2000



### Current Reading

x: 0.441  
y: 0.5346  
fL: 24.613  
cd/m<sup>2</sup>: 84.332



	20%	40%	60%	80%	100%
<b>x: CIE31</b>	0.3476	0.3732	0.4024	0.4322	0.4410
<b>y: CIE31</b>	0.3803	0.4312	0.4754	0.5231	0.5346
<b>Y</b>	88.3741	86.1820	85.4200	84.7277	84.3322
<b>Target x:CIE31</b>	0.3393	0.3611	0.3858	0.4118	0.4375
<b>Target y:CIE31</b>	0.3704	0.4141	0.4536	0.4953	0.5364
<b>Target Y</b>	92.3968	90.1324	89.1615	88.3224	87.6345

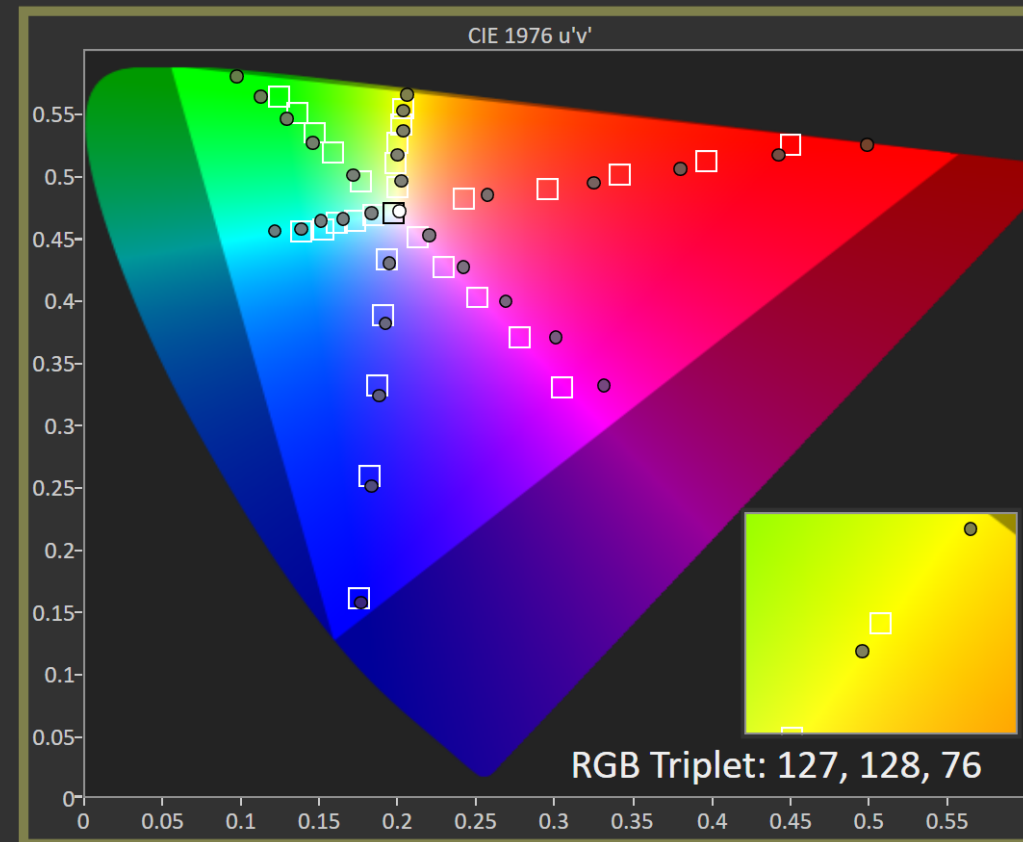
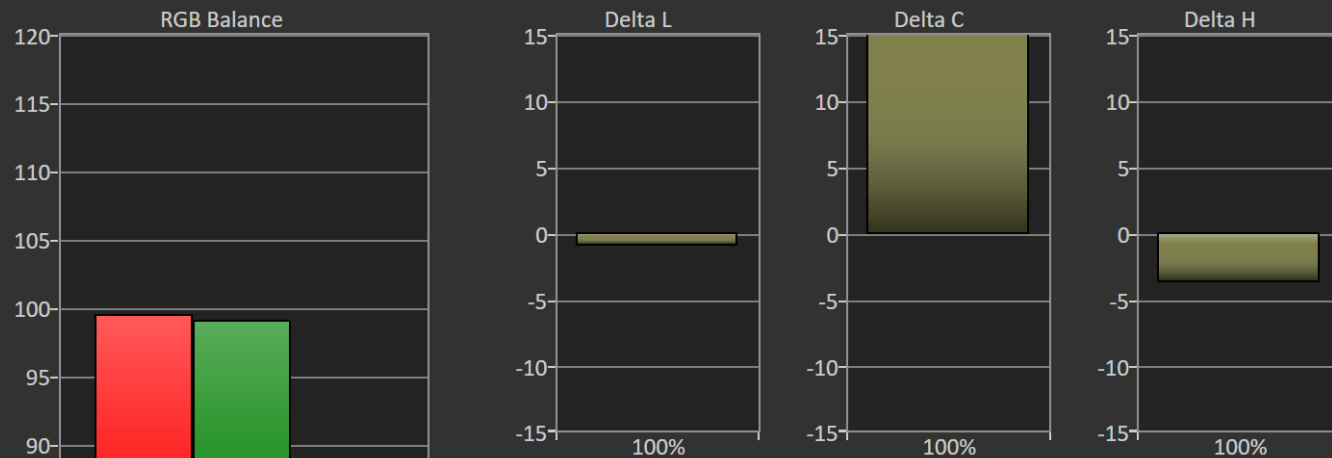
# Saturation: True Black 400

Dell AW2725DF – 10% APL

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | Max. DeltaE < 4.5



## BT.709 Saturation Sweeps inside BT.2020



### Current Reading

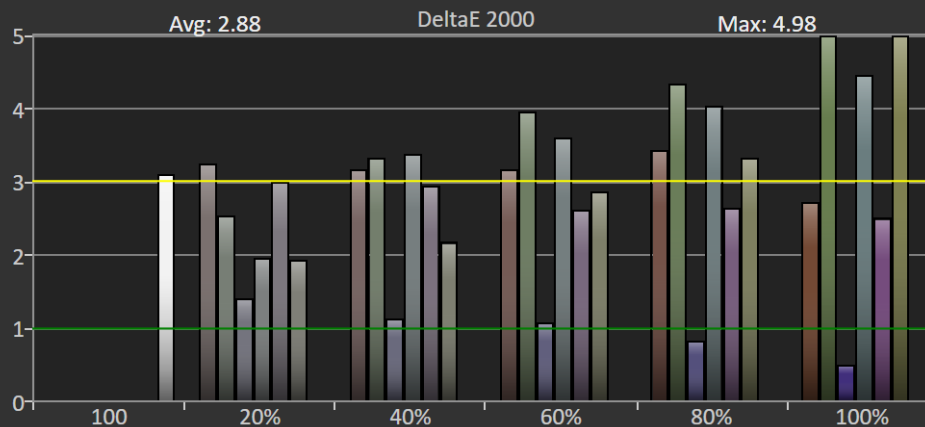
x: 0.4407

y: 0.5346

fL: 24.726

cd/m<sup>2</sup>: 84.717

dE Formula: 2000



	20%	40%	60%	80%	100%
<b>x: CIE31</b>	0.3441	0.3627	0.3913	0.4141	0.4407
<b>y: CIE31</b>	0.3732	0.4156	0.4564	0.4978	0.5346
<b>Y</b>	88.7294	86.3277	85.9124	84.7392	84.7173
<b>Target x:CIE31</b>	0.3364	0.3534	0.3752	0.3969	0.4187
<b>Target y:CIE31</b>	0.3659	0.4019	0.4367	0.4714	0.5064
<b>Target Y</b>	92.5569	90.4758	89.5525	88.7828	88.1246