

Gray Scale: HDR Peak 1000

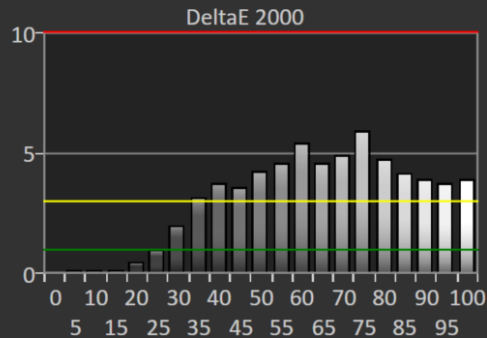
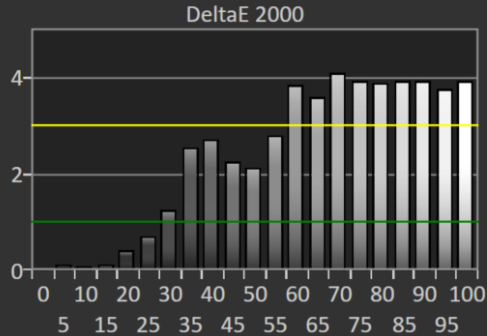
Dell AW3225QF – 2% APL

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



Grayscale Tracking

dE Formula: 2000



Current Reading:

x: 0.3195

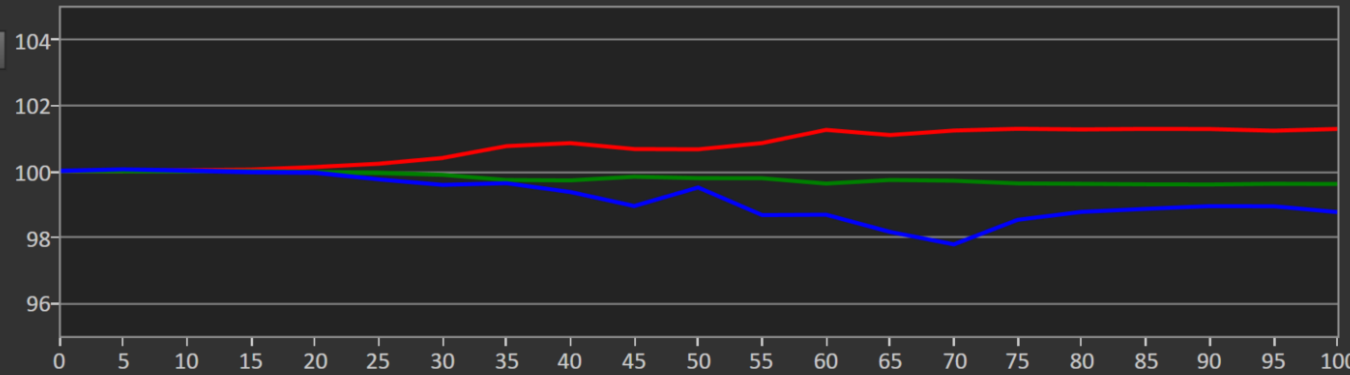
y: 0.3312

fL: 286.606

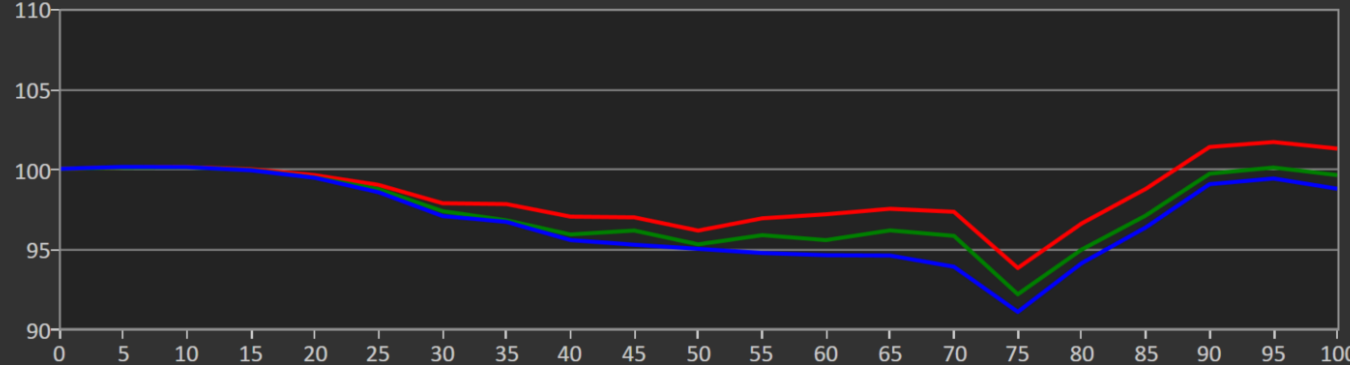
cd/m²: 981.988

	0	5	10	15	20	25	30	35	40	45	50
Y	0.002	0.152	0.451	0.922	1.884	3.909	6.996	13.465	23.450	43.179	72.091
x: CIE31	0.393	0.298	0.316	0.321	0.323	0.326	0.326	0.327	0.327	0.325	0.320
y: CIE31	0.376	0.293	0.324	0.332	0.329	0.335	0.334	0.329	0.332	0.336	0.330
Target Y	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.075
Target x:CIE31	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313
Target y:CIE31	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329

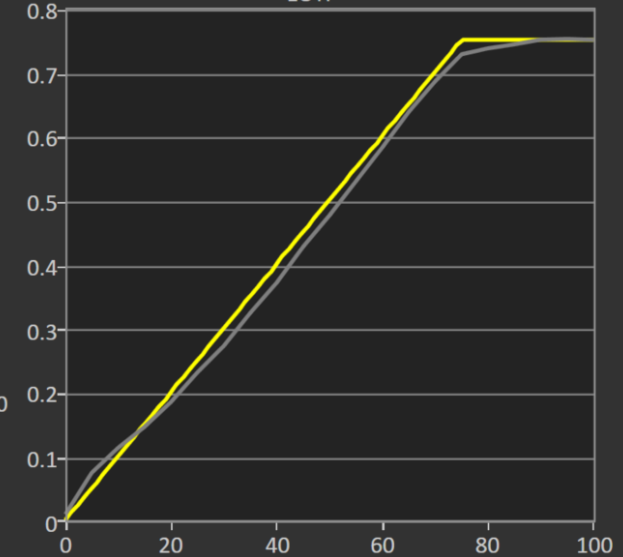
RGB Balance, without Luminance



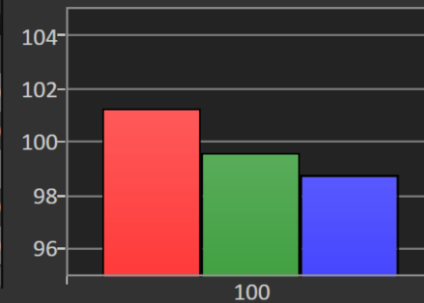
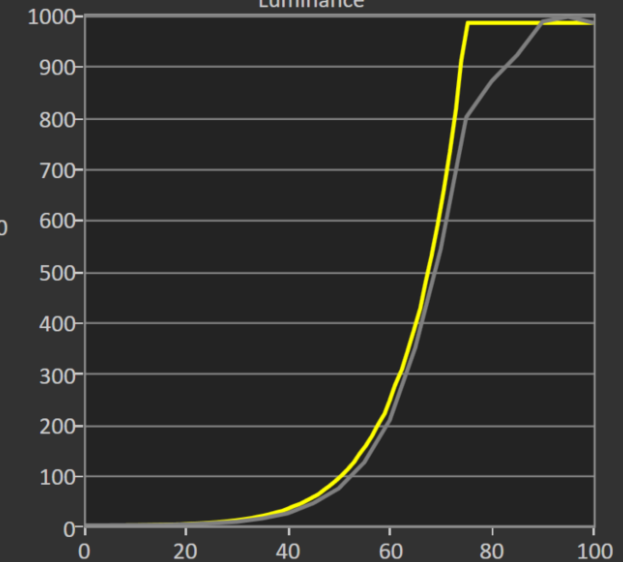
RGB Balance, with Luminance



EOTF



Luminance



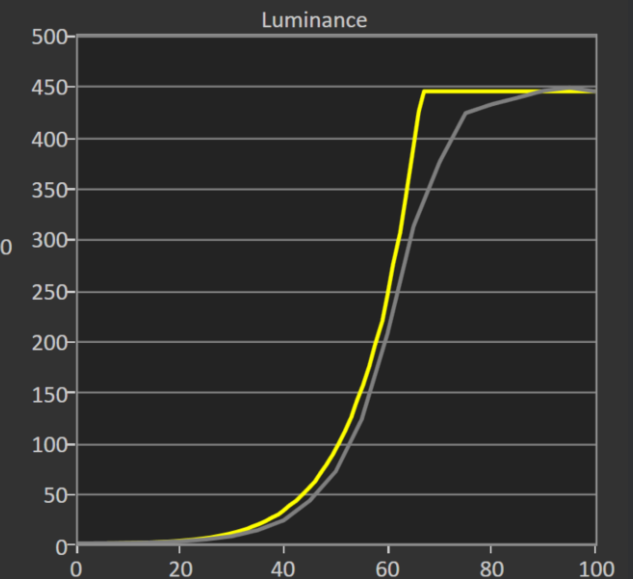
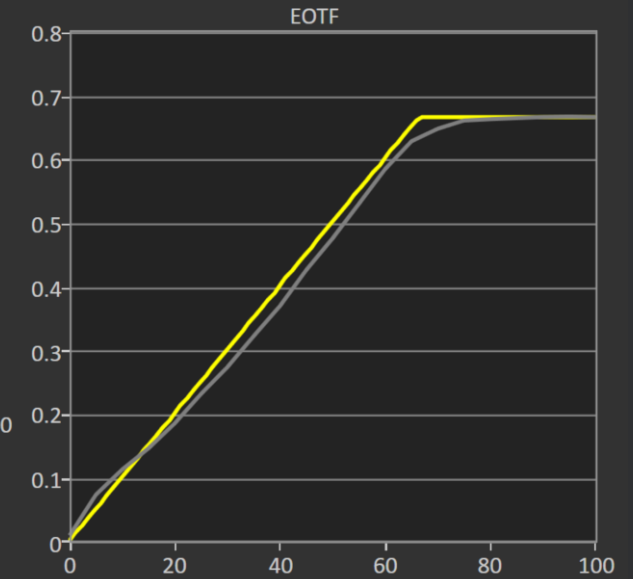
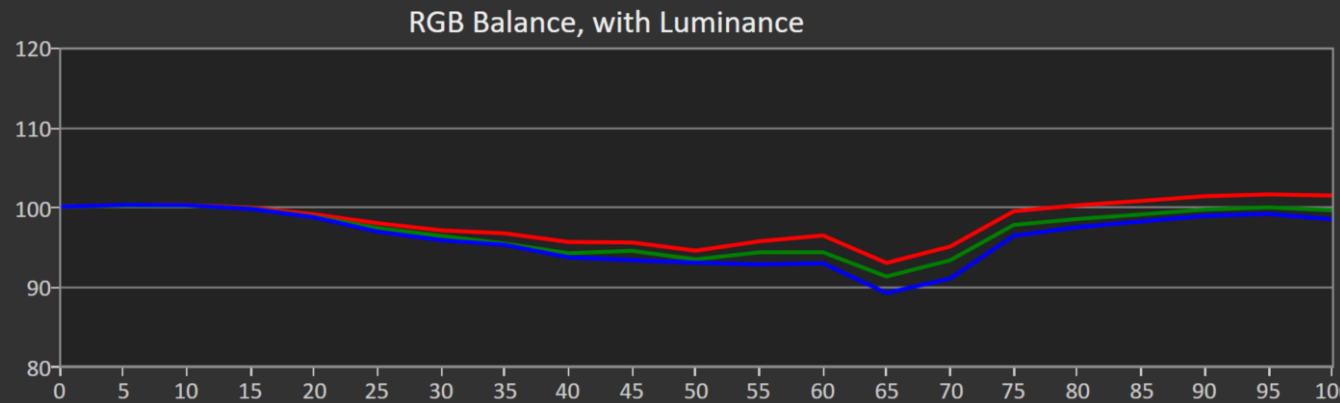
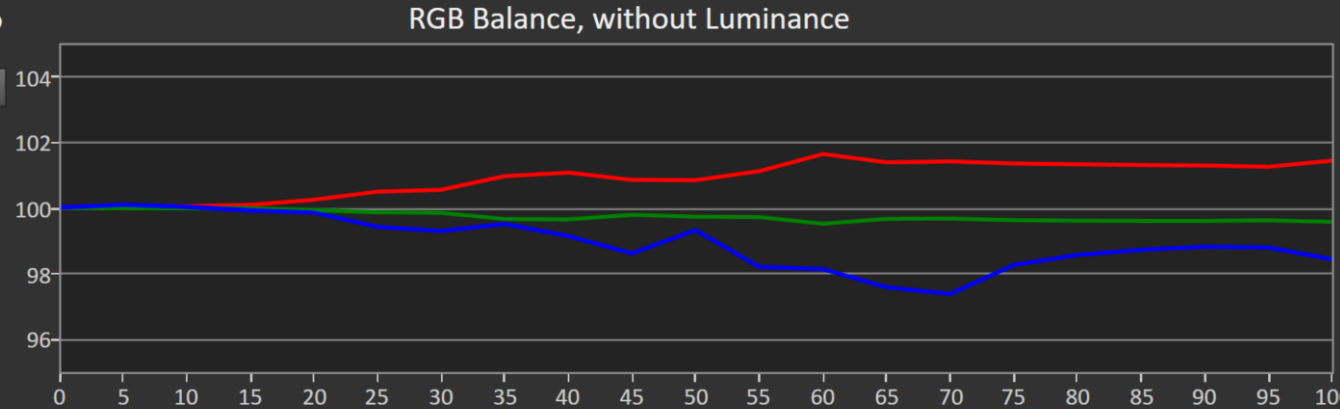
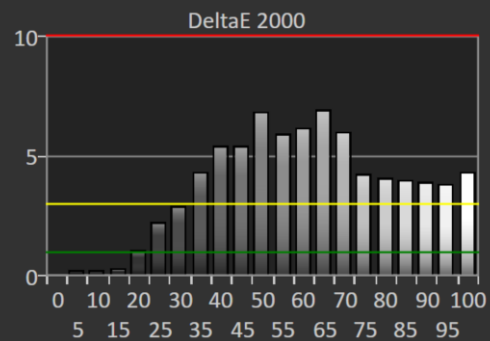
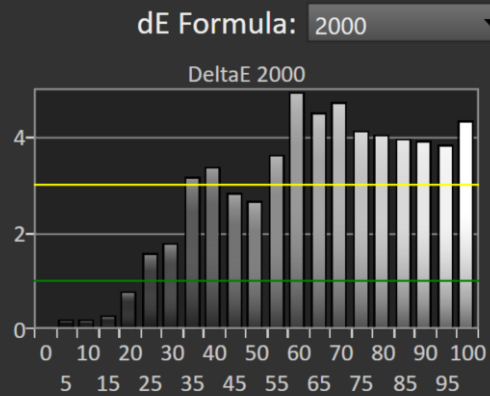
Gray Scale: HDR Peak 1000

Dell AW3225QF – 10% APL

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



Grayscale Tracking



Current Reading:

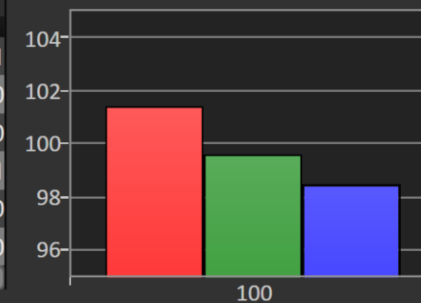
x: 0.3207

y: 0.332

fL: 129.442

cd/m²: 443.502

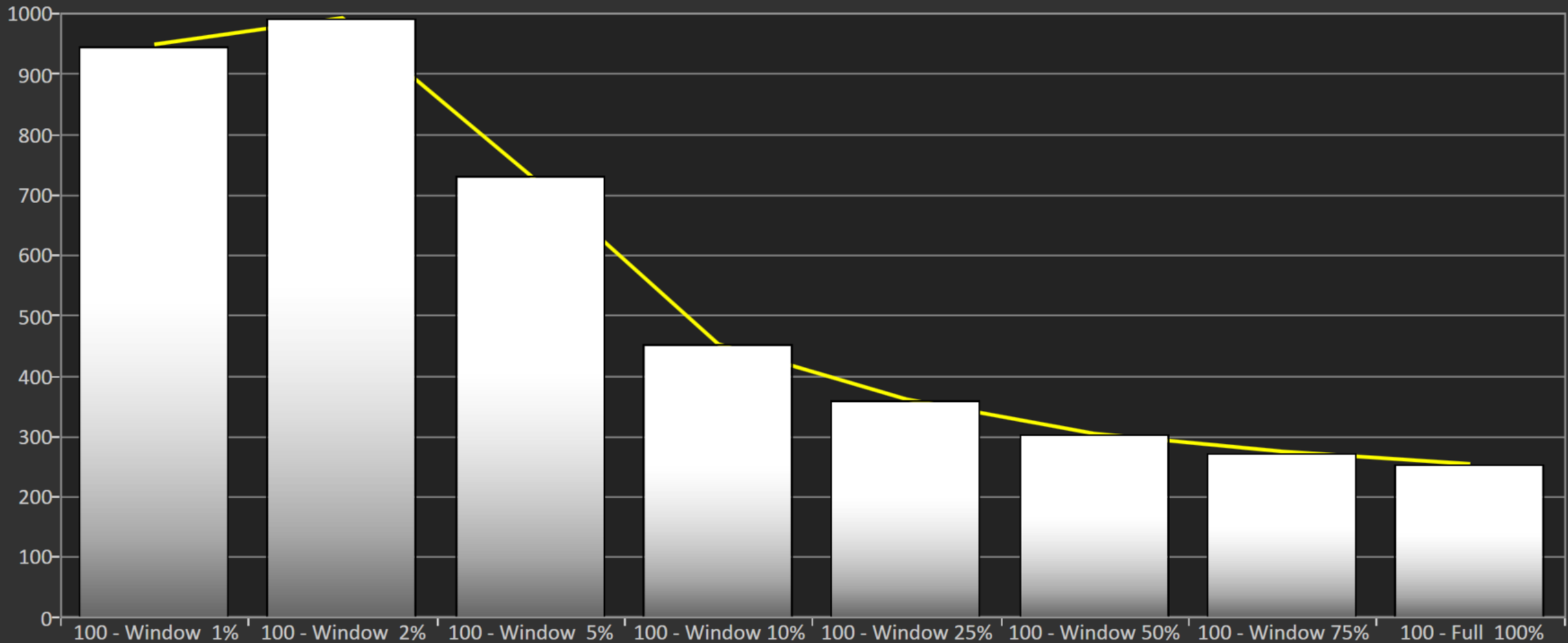
	0	5	10	15	20	25	30	35	40	45	50
Y	0.002	0.141	0.433	0.901	1.862	3.865	6.970	12.988	22.667	41.977	70.540
x: CIE31	0.343	0.299	0.316	0.322	0.324	0.327	0.326	0.327	0.327	0.325	0.320
y: CIE31	0.345	0.294	0.323	0.333	0.330	0.335	0.335	0.329	0.332	0.336	0.331
Target Y	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.075
Target x:CIE31	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313
Target y:CIE31	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329



Peak vs. Window Size: HDR Peak 1000

Dell AW3225QF

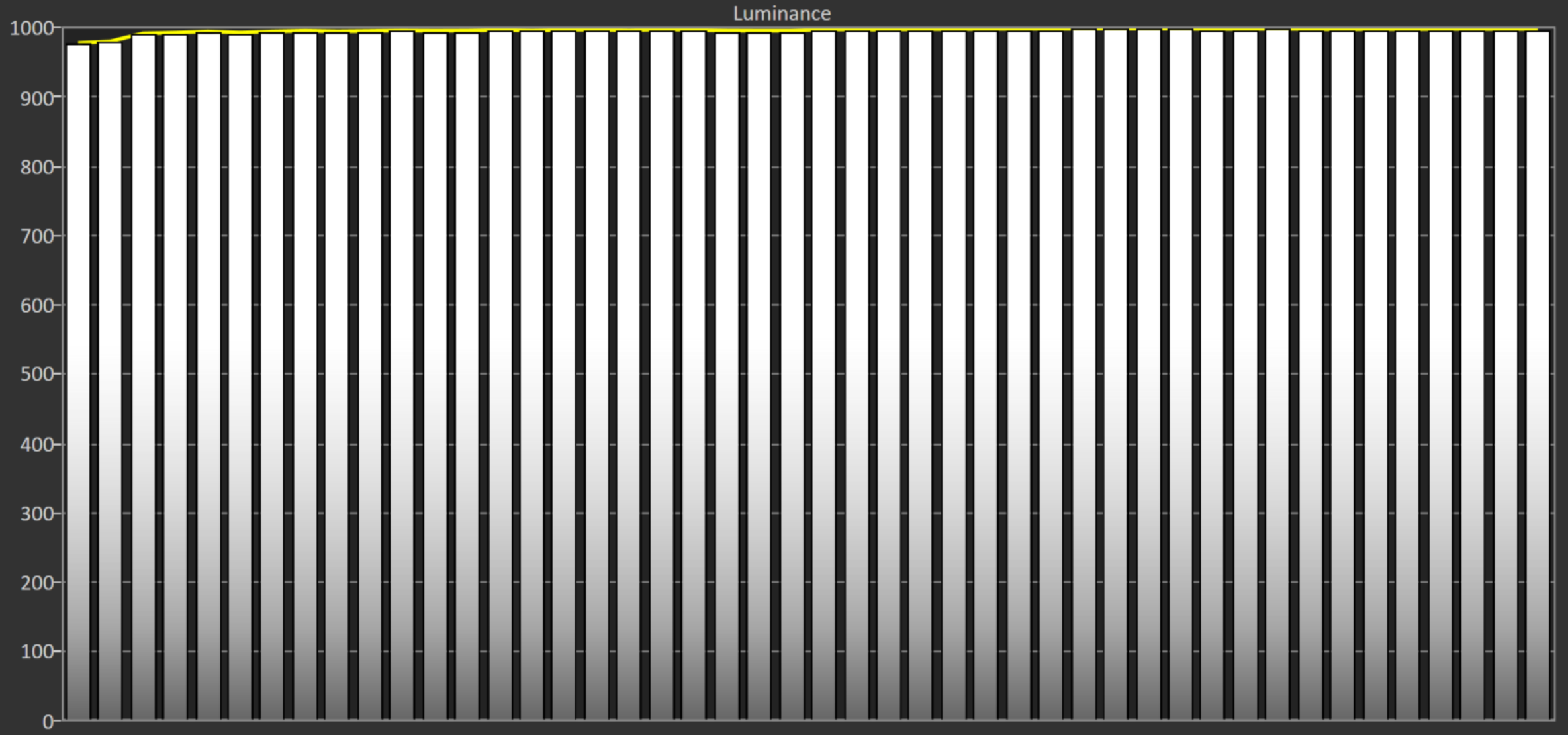
Portrait Display Calman Ultimate



Peak Luminance Stability: HDR Peak 1000

Dell AW3225QF – 2 % APL = 997 Nits

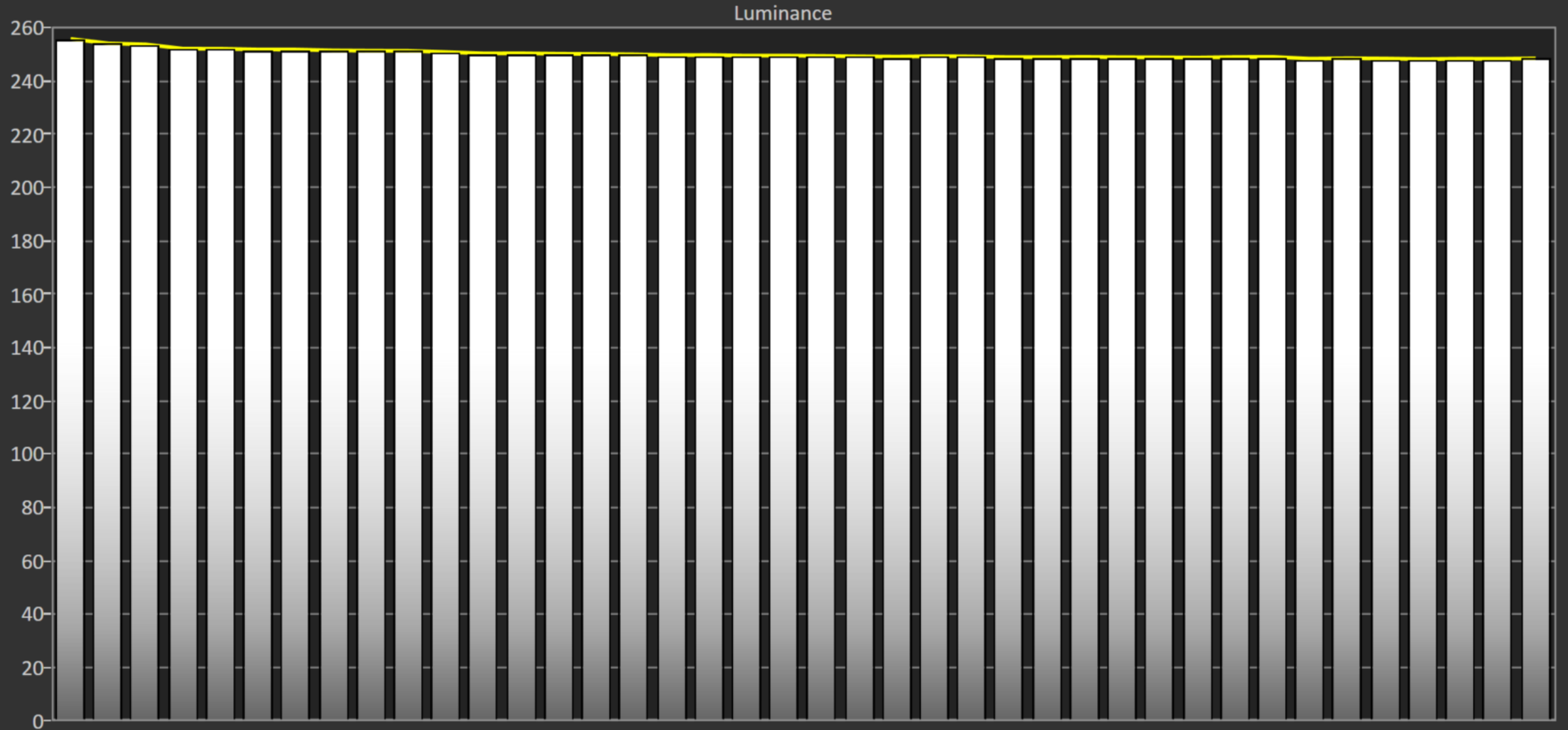
Portrait Display Calman Ultimate



Peak Luminance: HDR Peak 1000

Dell AW3225QF – 100 % APL = 248 Nits

Portrait Display Calman Ultimate



ColorMatch HDR: HDR Peak 1000

Dell AW3225QF – 10% APL

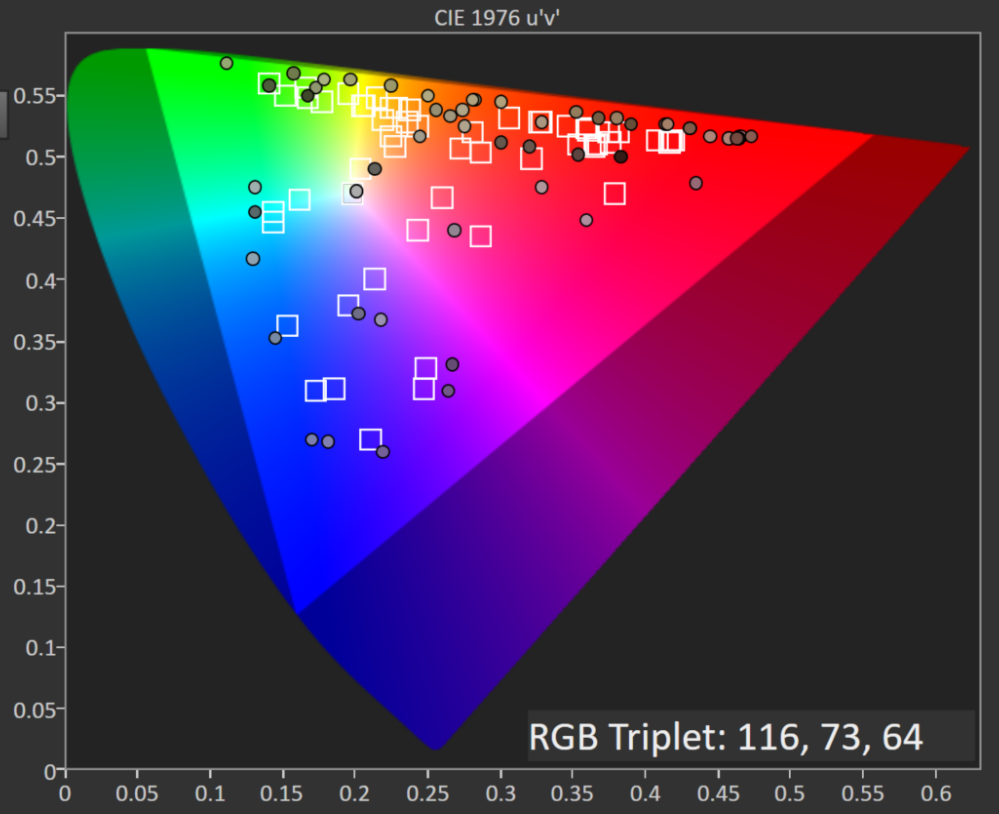
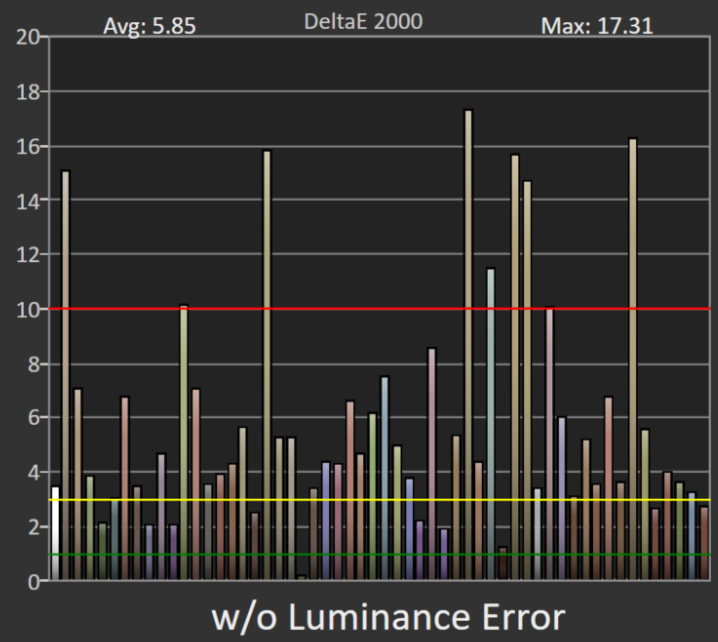
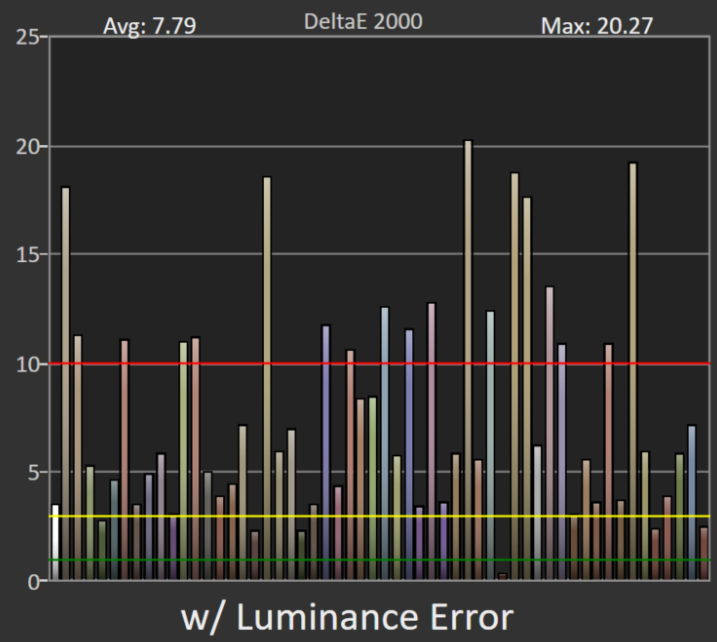
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.5 | Max. DeltaE < 4.5



ColorMatch HDR

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

dE Formula: 2000



	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
x: CIE31	0.3183	0.4688	0.5319	0.3747	0.3199	0.2132	0.6282	0.4954	0.2492	0.3661	0.2881	0.3925	0.6212	0.3513	0.6387	0.6112	0.4700	0.5189	0.4754	0.4639	0.4213	0.354
y: CIE31	0.3302	0.3966	0.3778	0.5338	0.5638	0.3266	0.3132	0.3484	0.2029	0.2663	0.1570	0.5479	0.3187	0.3574	0.3152	0.3439	0.4177	0.3251	0.4640	0.4328	0.3939	0.517
Y	440.5806	229.2066	171.5518	163.6269	12.3392	21.9343	118.7627	15.9270	36.8939	117.0574	14.5334	322.9168	123.8392	18.6849	47.9636	44.4003	192.1842	8.4117	271.4637	149.6884	217.6323	5.162
Target x:CIE31	0.3127	0.3967	0.4688	0.3646	0.3302	0.2314	0.5398	0.4533	0.2465	0.3398	0.2708	0.4037	0.5306	0.3383	0.5861	0.5548	0.4296	0.4842	0.4022	0.4252	0.3902	0.352
Target y:CIE31	0.3290	0.4031	0.3851	0.4953	0.5268	0.3238	0.3322	0.3526	0.2114	0.2720	0.1576	0.4707	0.3391	0.3594	0.3261	0.3579	0.4109	0.3329	0.4684	0.4217	0.3860	0.511
Target Y	440.5806	364.6891	269.0278	200.4066	16.5971	31.7532	188.6202	20.6497	49.6300	141.8199	18.5495	420.0339	197.3131	26.0490	54.1003	52.9620	244.6872	10.4355	420.2569	176.4796	276.1415	6.884
dE ICtCp_240	1.2156	18.6551	17.4815	8.3437	6.6558	8.5968	26.2781	8.7394	6.8519	8.7989	7.4356	15.6938	26.5822	7.2789	14.0708	13.9363	9.8332	7.1303	18.2873	8.5265	8.3048	5.018

ColorChecker: HDR Peak 1000

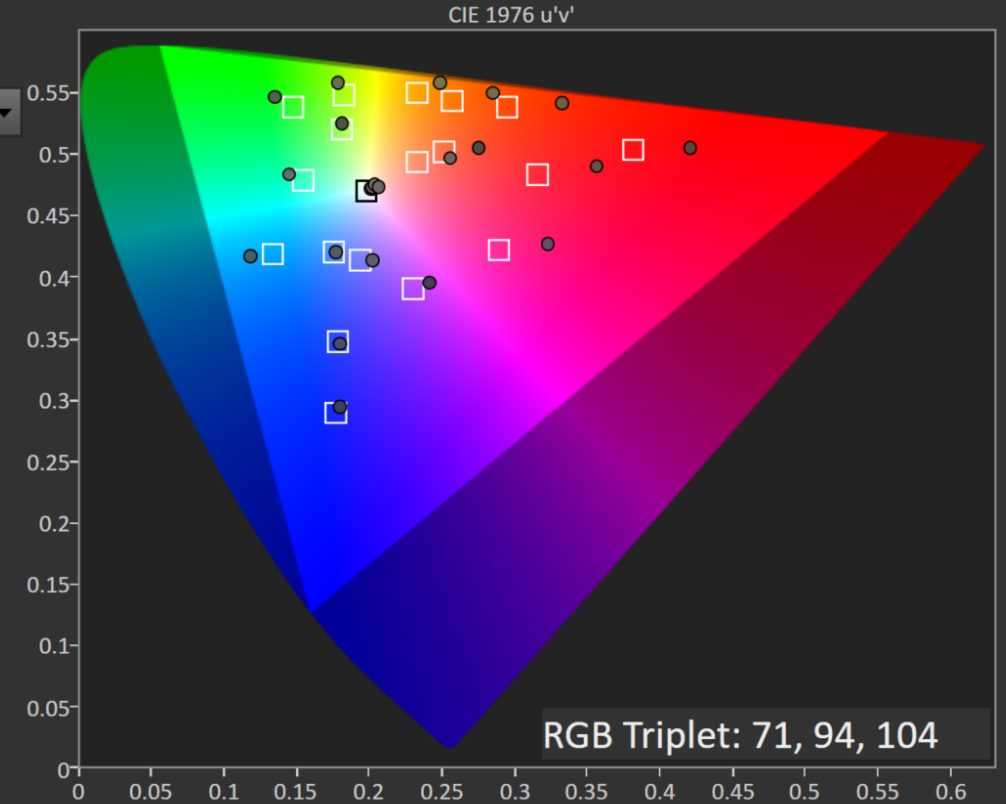
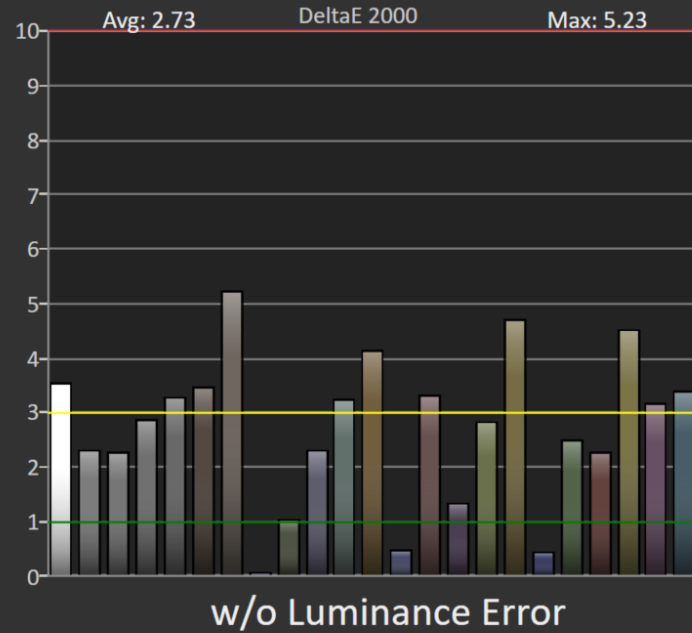
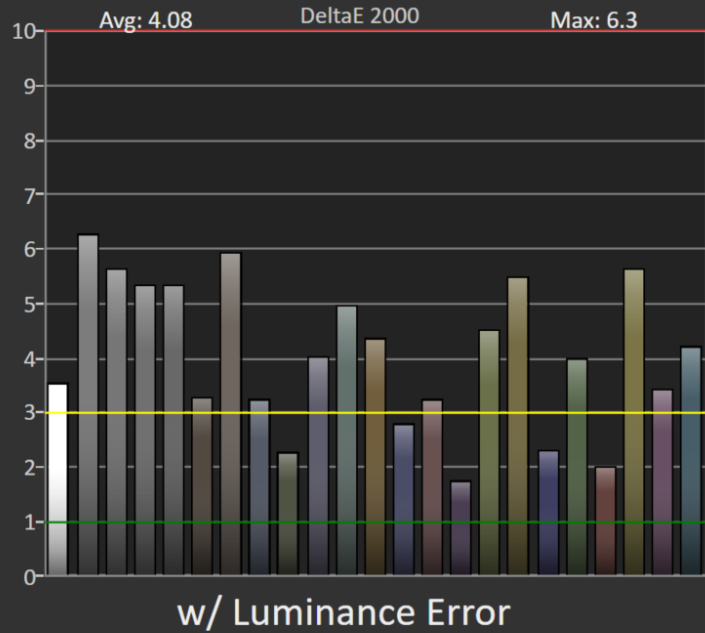
Dell AW3225QF – 10% APL

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



ColorChecker® Analysis

dE Formula:



	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	Yellow
x: CIE31	0.3186	0.3196	0.3216	0.3244	0.3253	0.4415	0.4104	0.2500	0.3462	0.2742	0.2519	0.5590	0.2142	0.5058	0.3032	0.3864	0.5188	0.1923	0.2965	0.5856	0.4183
y: CIE31	0.3306	0.3304	0.3334	0.3333	0.3306	0.3589	0.3522	0.2632	0.4445	0.2484	0.3738	0.4038	0.1815	0.3074	0.2193	0.5330	0.4445	0.1389	0.5316	0.3112	0.4183
Y	446.7807	60.0569	49.2378	36.5825	25.0364	7.5249	25.8626	13.3698	9.8403	16.7127	31.0632	22.3475	8.1987	14.4690	5.2873	32.5194	33.2652	4.5778	15.9803	9.4542	45.4389
Target x:CIE31	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	0.4183
Target y:CIE31	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	0.4183
Target Y	446.7807	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	59.0434
dE ICTcp_240	1.2503	6.9360	6.8679	7.0673	7.7936	6.4259	8.6832	6.9400	5.6613	7.1757	7.8291	10.1199	6.4866	9.6996	4.3707	8.0857	10.0096	5.4325	8.6244	8.0624	9.4183

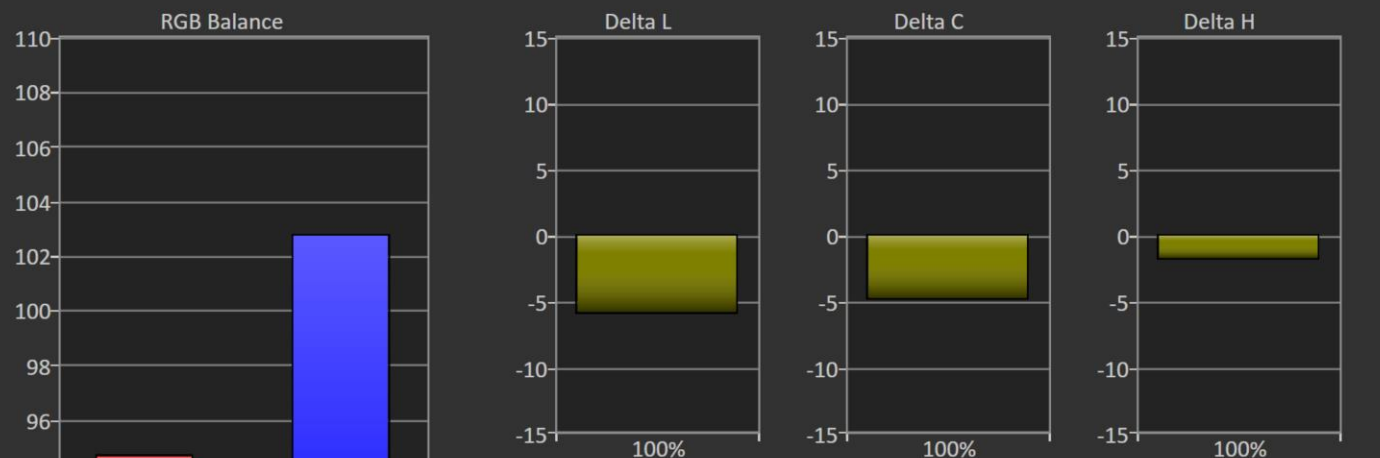
Saturation: HDR Peak 1000

Dell AW3225QF – 10% APL

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



BT.2020 Saturation Sweeps

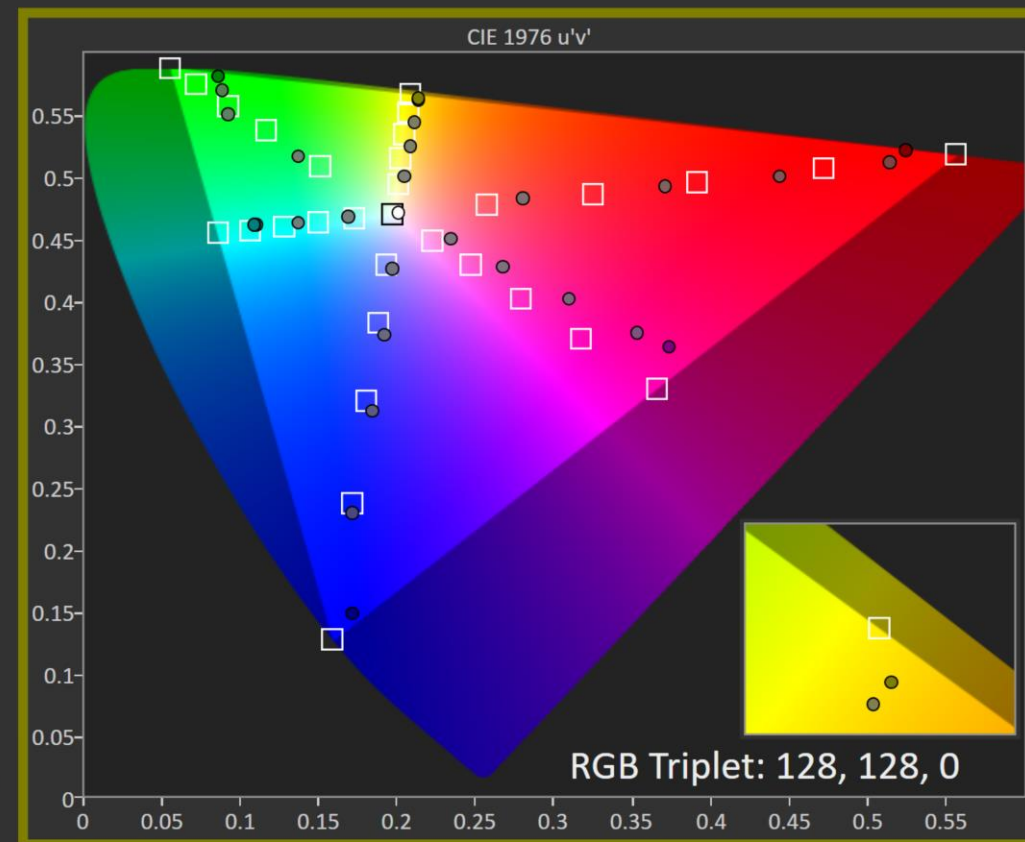
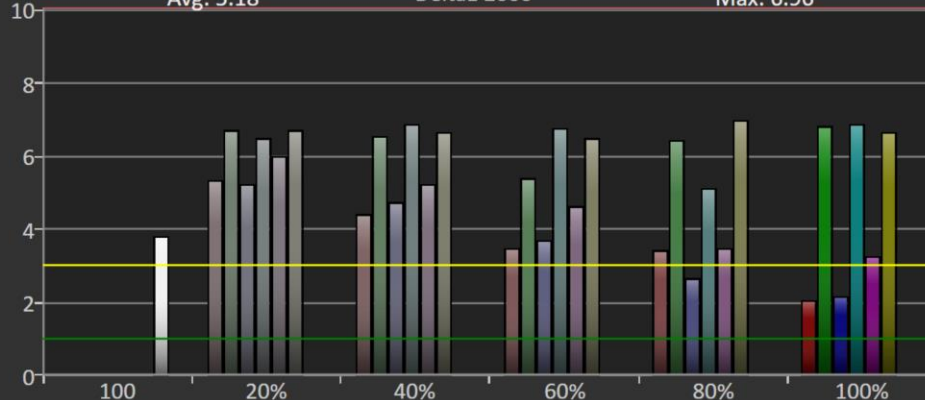


dE Formula: 2000

Avg: 5.18 DeltaE 2000 Max: 6.96

Current Reading

x: 0.4486
y: 0.5248
fL: 19.671
cd/m²: 67.398



	20%	40%	60%	80%	100%
x: CIE31	0.3523	0.3850	0.4141	0.4453	0.4486
y: CIE31	0.3801	0.4292	0.4726	0.5193	0.5248
Y	69.4625	68.4912	67.9989	67.5411	67.3983
Target x:CIE31	0.3393	0.3662	0.3930	0.4196	0.4465
Target y:CIE31	0.3704	0.4123	0.4540	0.4955	0.5374
Target Y	92.3968	91.0846	90.0442	89.2031	88.4963

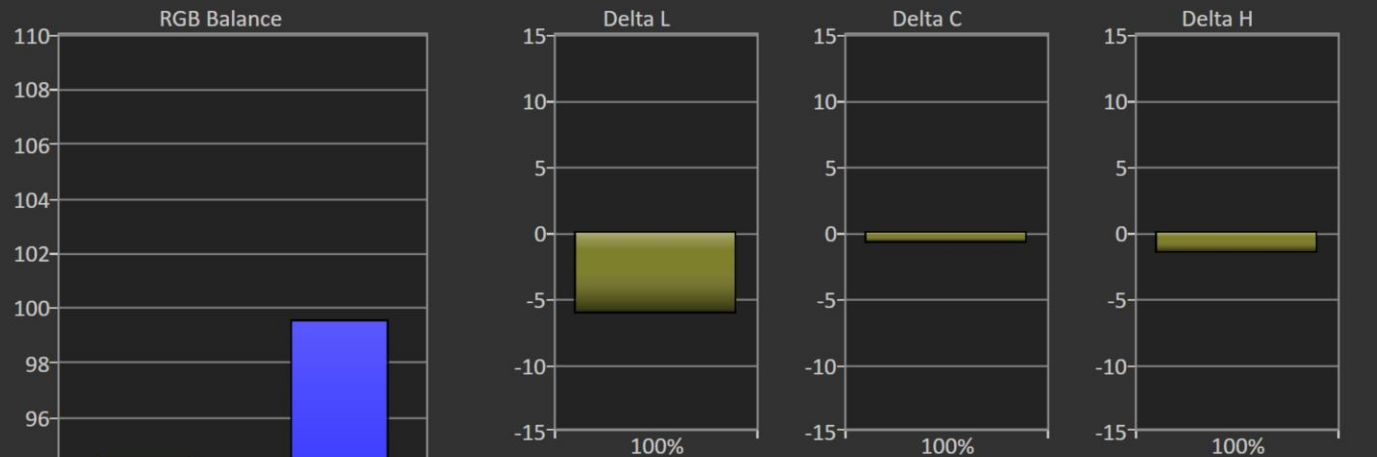
Saturation: HDR Peak 1000

Dell AW3225QF – 10% APL

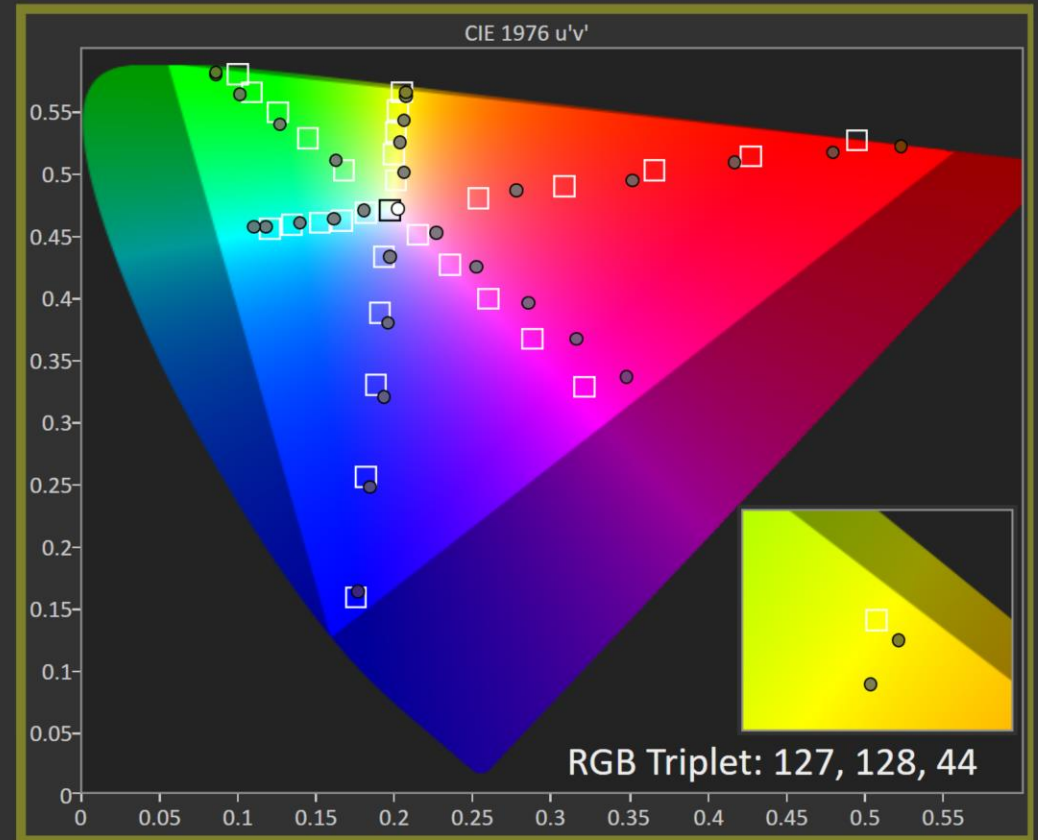
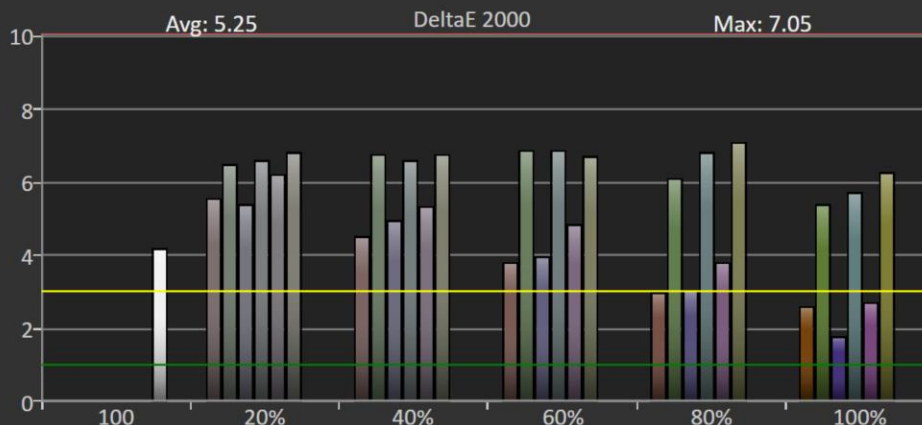
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | Max. DeltaE < 4.5



P3 Saturation Sweeps inside BT.2020



dE Formula: 2000



Current Reading

x: 0.4416
y: 0.5315
fl: 19.391
cd/m²: 66.44

	20%	40%	60%	80%	100%
x: CIE31	0.3533	0.3790	0.4059	0.4363	0.4416
y: CIE31	0.3804	0.4328	0.4747	0.5216	0.5315
Y	69.3902	67.0429	66.5534	66.1440	66.4396
Target x:CIE31	0.3393	0.3611	0.3858	0.4118	0.4375
Target y:CIE31	0.3704	0.4141	0.4536	0.4953	0.5364
Target Y	92.3968	90.1324	89.1615	88.3224	87.6345

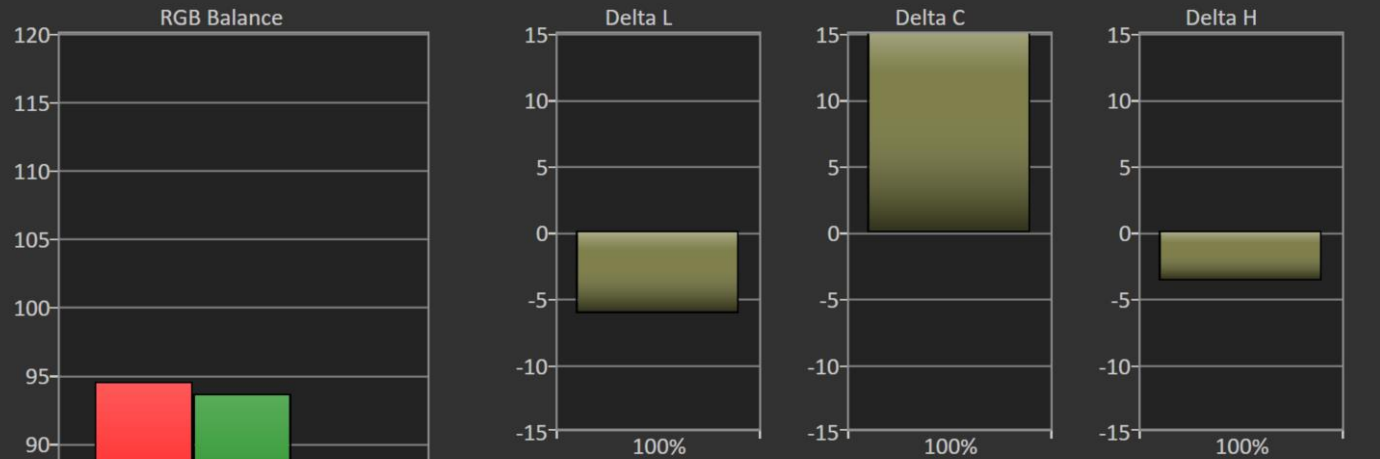
Saturation: HDR Peak 1000

Dell AW3225QF – 10% APL

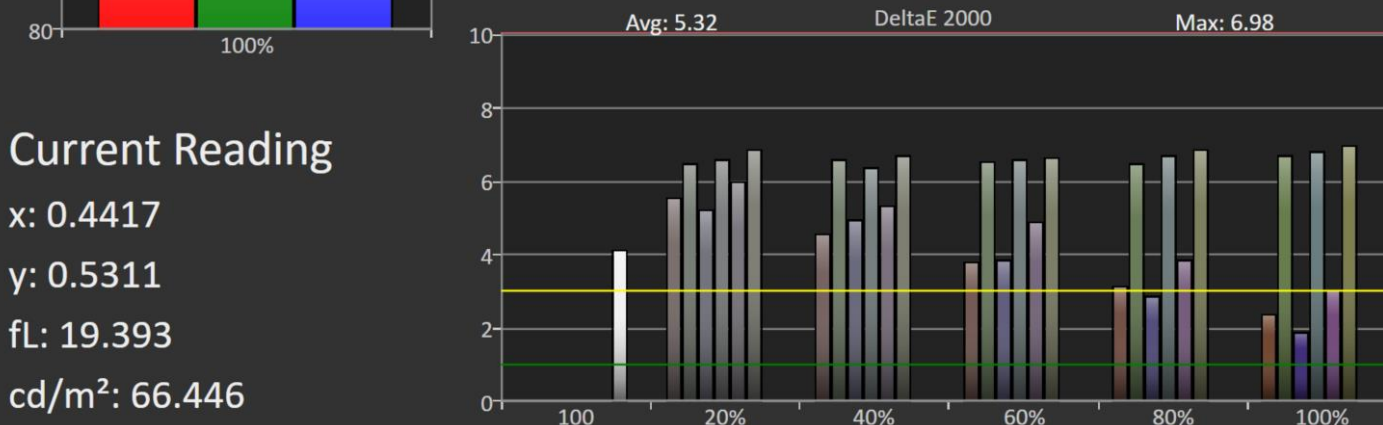
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | Max. DeltaE < 4.5



BT.709 Saturation Sweeps inside BT.2020



dE Formula: 2000



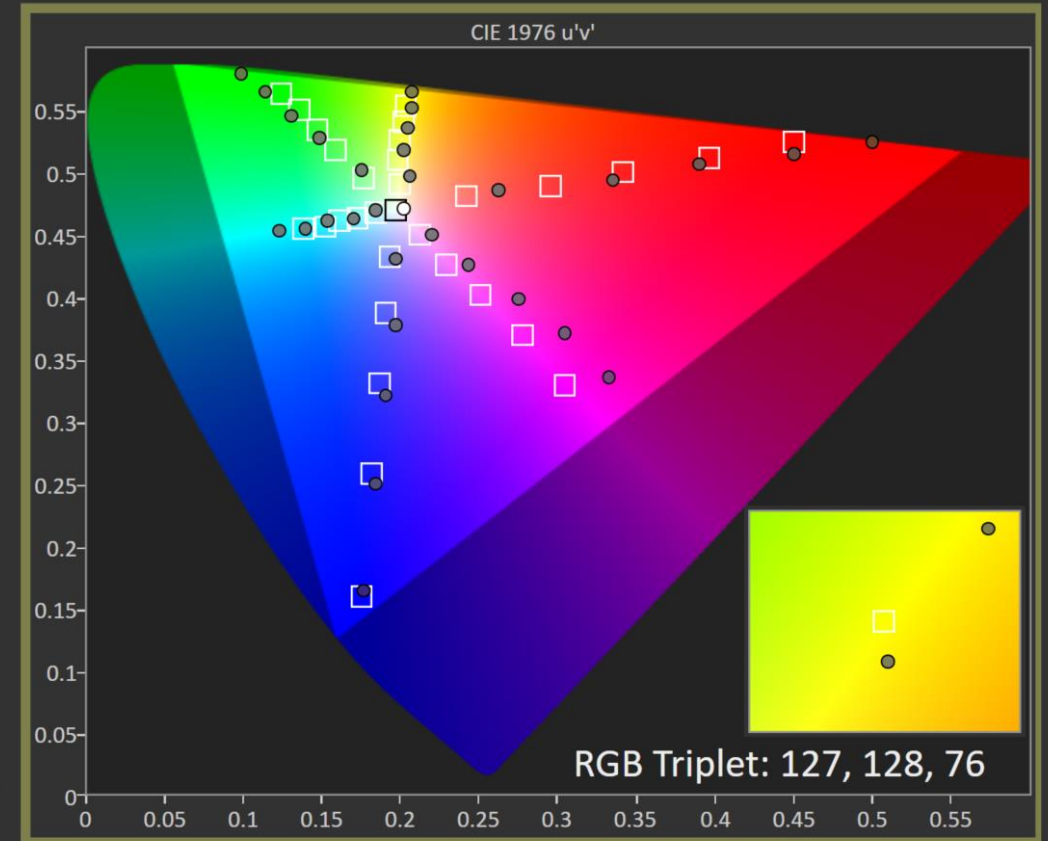
Current Reading

x: 0.4417

y: 0.5311

fL: 19.393

cd/m²: 66.446



	20%	40%	60%	80%	100%
x: CIE31	0.3495	0.3691	0.3943	0.4195	0.4417
y: CIE31	0.3742	0.4179	0.4571	0.4955	0.5311
Y	69.4351	67.3854	66.9343	66.1228	66.4461
Target x:CIE31	0.3364	0.3534	0.3752	0.3969	0.4187
Target y:CIE31	0.3659	0.4019	0.4367	0.4714	0.5064
Target Y	92.5569	90.4758	89.5525	88.7828	88.1246