

Gray Scale: HDR True Black 400

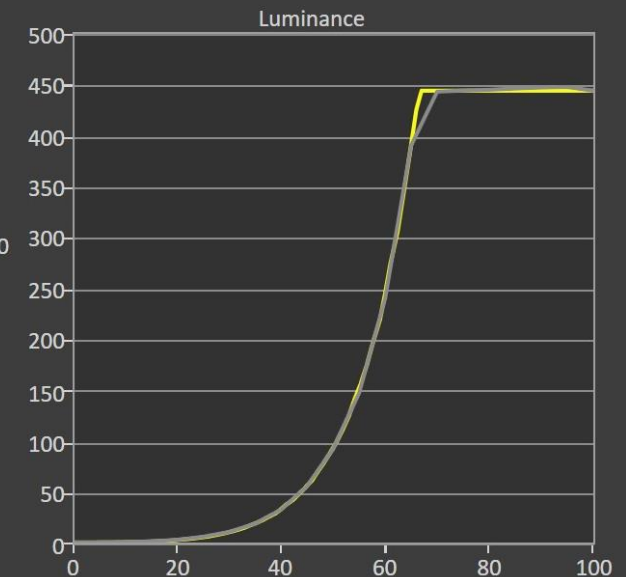
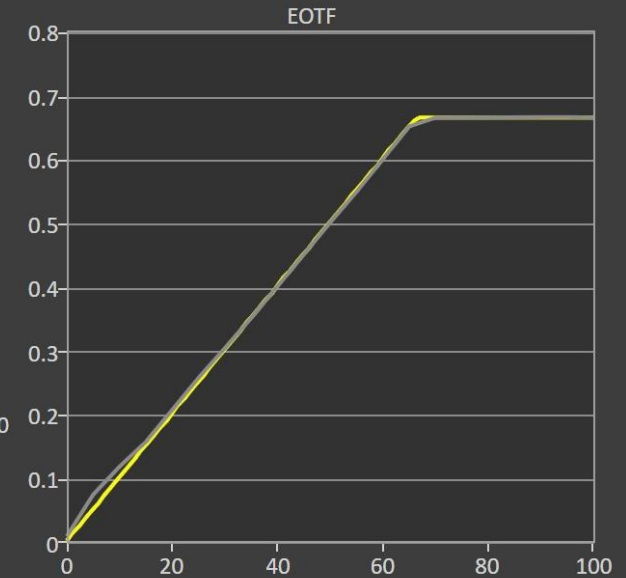
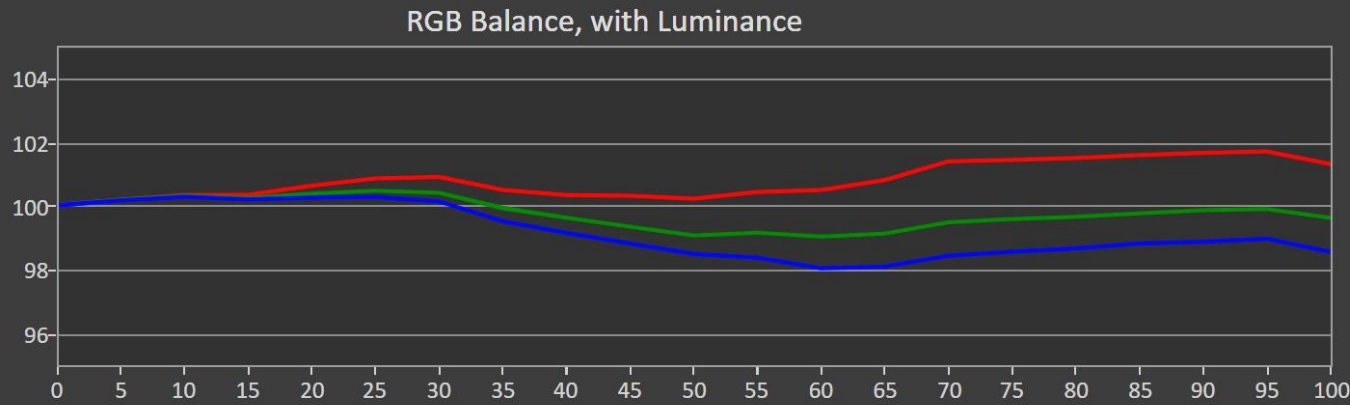
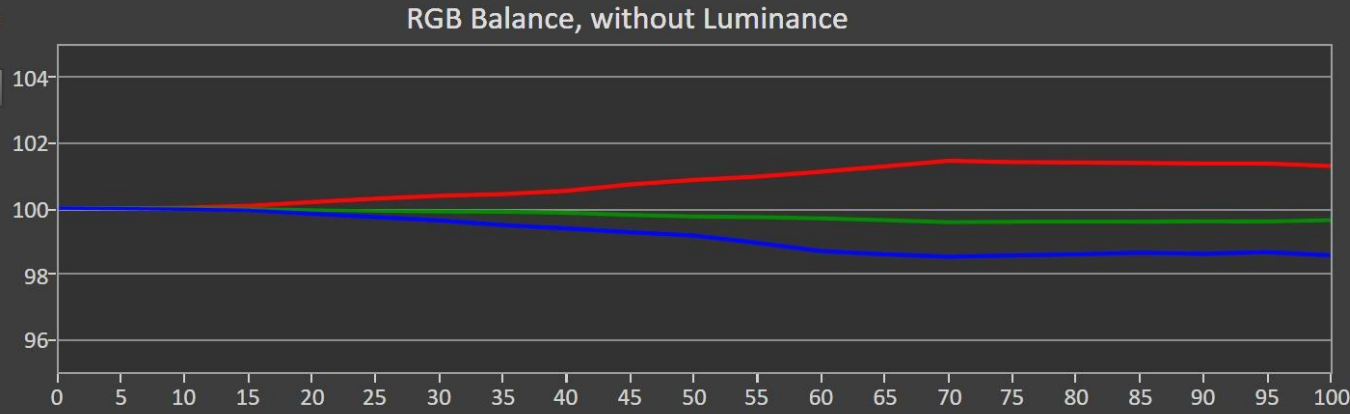
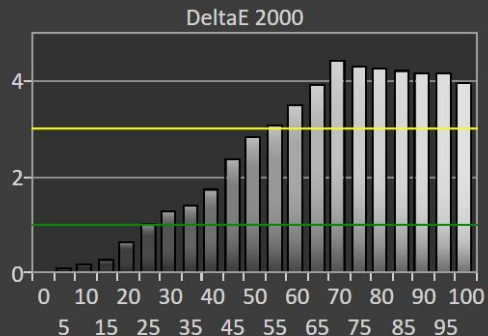
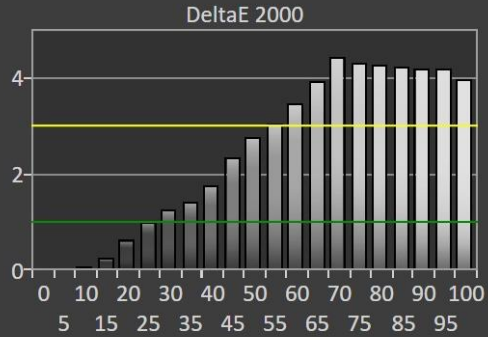
ASUS ROG Swift PG32UCDM – 10% APL

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



Grayscale Tracking

dE Formula: 2000



Current Reading:

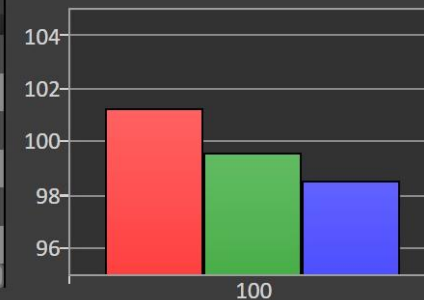
x: 0.32

y: 0.3318

fL: 129.155

cd/m²: 442.518

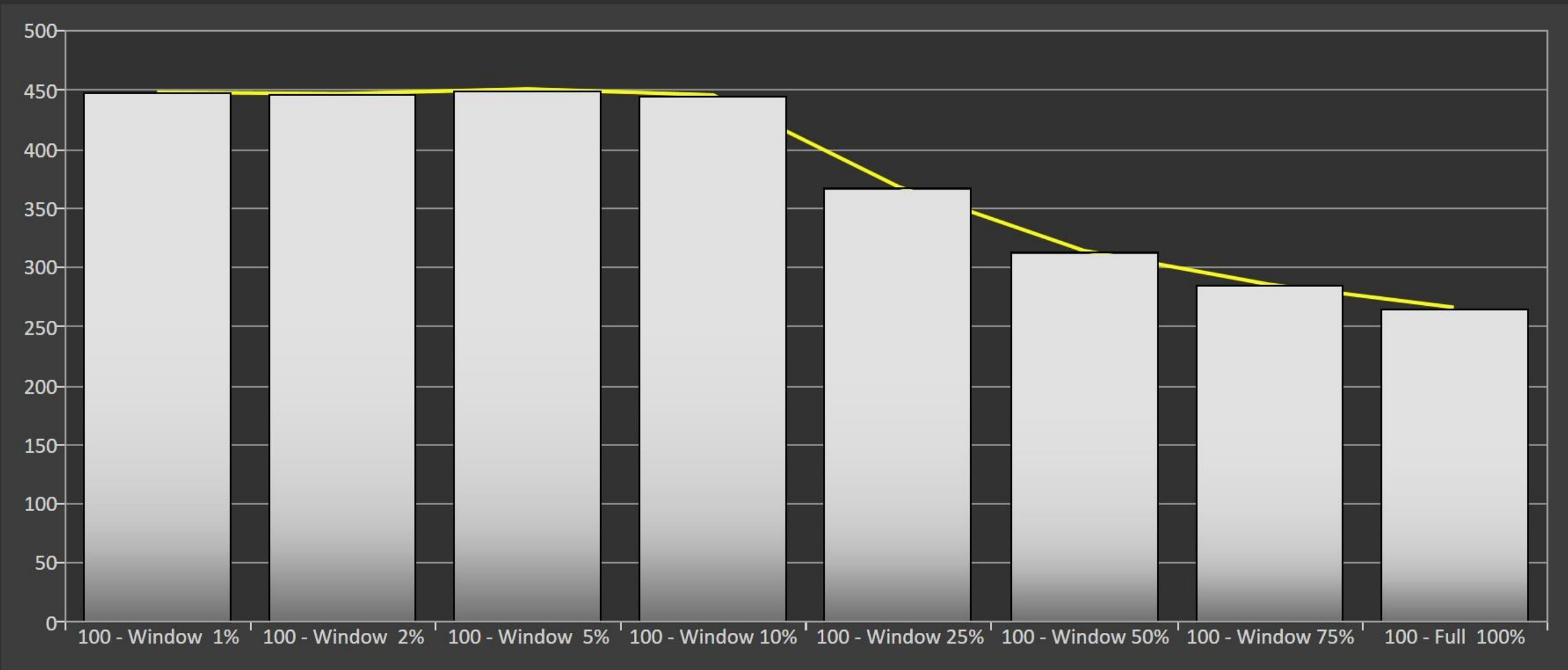
	0	5	10	15	20	25	30	35	40	45	50
Y	0.001	0.144	0.487	1.104	2.633	5.554	10.250	18.280	32.010	54.678	91.392
x: CIE31	0.354	0.317	0.318	0.319	0.320	0.319	0.320	0.320	0.320	0.321	0.321
y: CIE31	0.346	0.337	0.333	0.331	0.331	0.331	0.331	0.332	0.332	0.332	0.331
Target Y	0.000	0.063	0.342	0.982	2.429	5.226	9.791	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 True Black 400

ASUS ROG Swift PG32UCDM

Portrait Display Calman Ultimate



ColorMatch HDR: HDR True Black 400

ASUS ROG Swift PG32UCDM – 10% APL

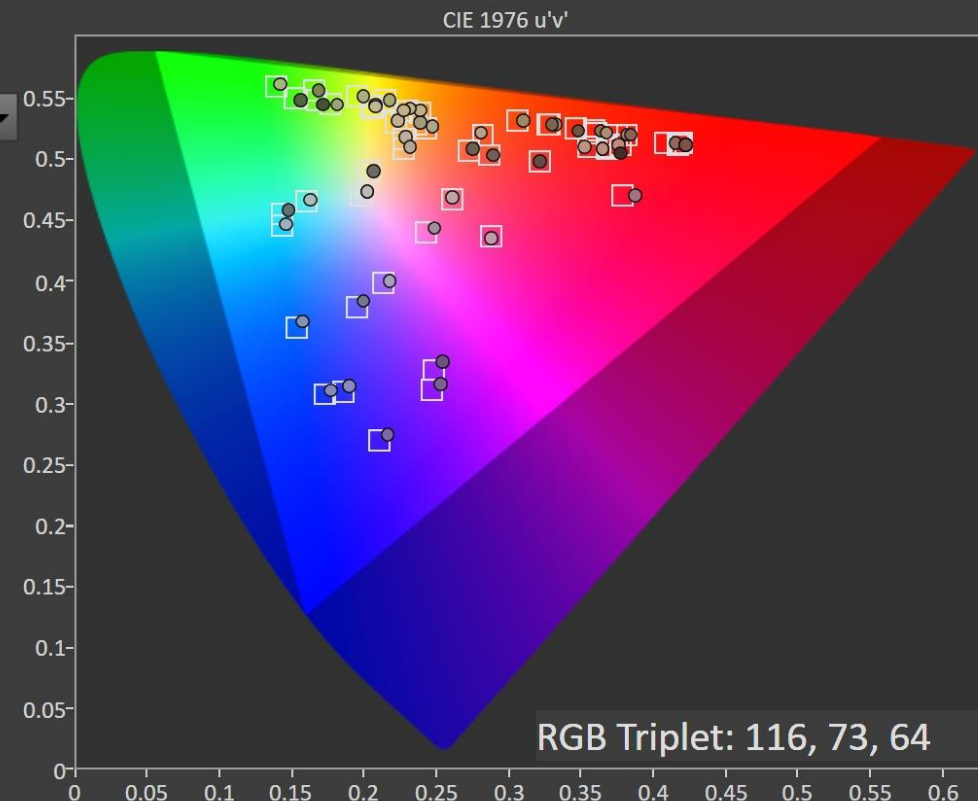
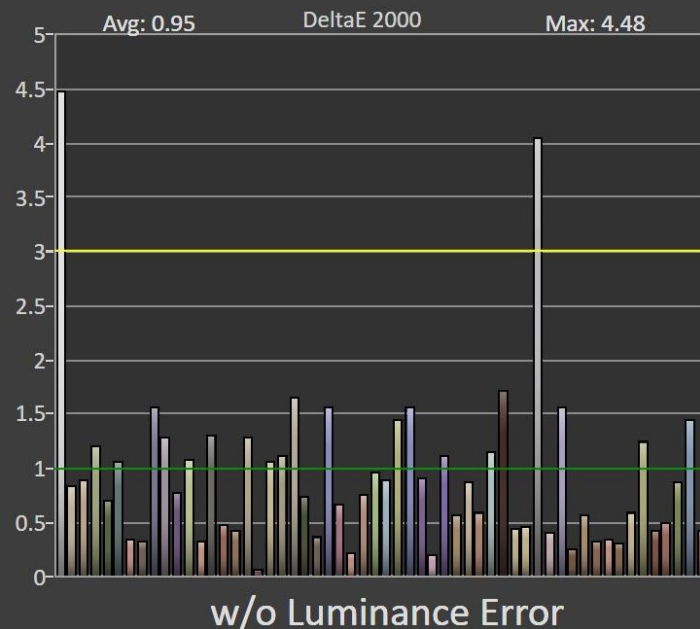
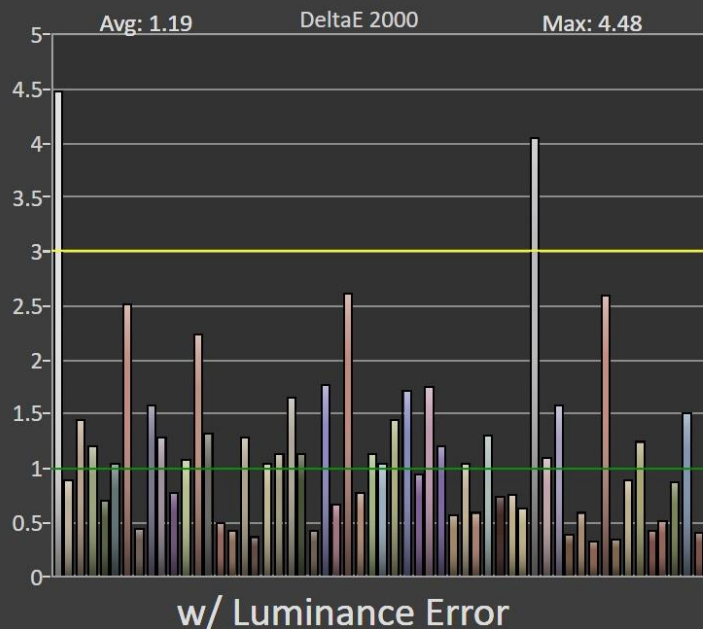
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.5 | Max. DeltaE < 4.5



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	0.3208	0.4038	0.4701	0.3708	0.3359	0.2391	0.5381	0.4564	0.2541	0.3474	0.2782	0.4094	0.5288	0.3437	0.5910	0.5587	0.4360	0.4844	0.4079	0.4308	0.3972	0.355
y: CIE31	0.3318	0.4047	0.3867	0.4951	0.5217	0.3273	0.3316	0.3520	0.2155	0.2744	0.1613	0.4740	0.3392	0.3602	0.3236	0.3561	0.4107	0.3324	0.4720	0.4216	0.3866	0.502
Y	447.9516	358.5479	257.9113	201.3382	17.1830	31.9490	171.4927	21.0185	49.3519	140.3135	18.6036	422.1048	181.5403	26.5269	53.1666	52.4385	243.2265	10.8544	423.3765	177.0079	274.7135	7.840
Target x:CIE31	0.3127	0.3990	0.4710	0.3646	0.3302	0.2314	0.5418	0.4533	0.2465	0.3398	0.2708	0.4043	0.5326	0.3383	0.5861	0.5548	0.4296	0.4842	0.4028	0.4252	0.3902	0.352
Target y:CIE31	0.3290	0.4023	0.3842	0.4953	0.5268	0.3238	0.3318	0.3526	0.2114	0.2720	0.1576	0.4716	0.3385	0.3594	0.3261	0.3579	0.4109	0.3329	0.4693	0.4217	0.3860	0.511
Target Y	447.9516	366.6255	270.9642	200.4066	16.5971	31.7532	190.5566	20.6497	49.6300	141.8199	18.5495	426.9678	199.2495	26.0490	54.1003	52.9620	244.6872	10.4355	427.1907	176.4796	276.1415	6.884
dE ICtCp_240	1.6848	1.0949	1.4295	1.1135	1.1215	1.4898	2.8521	0.7566	1.9288	1.6473	1.8105	1.1830	2.6133	1.0057	1.5728	1.0412	1.2942	0.8035	1.1760	1.0966	1.3945	2.464

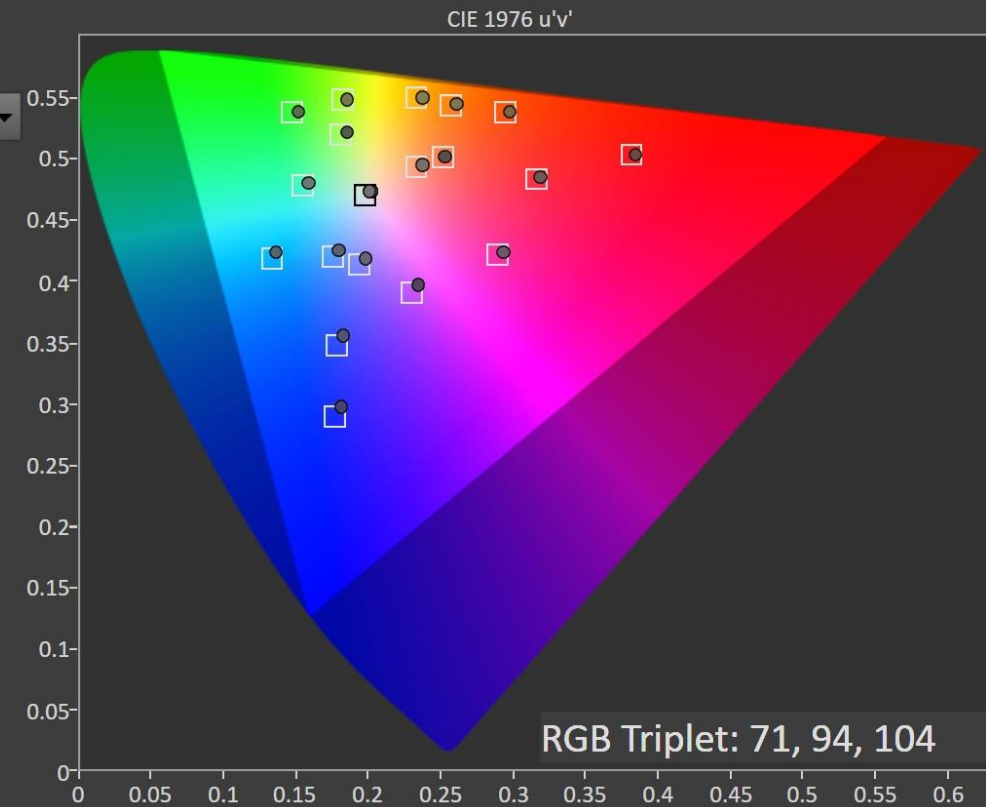
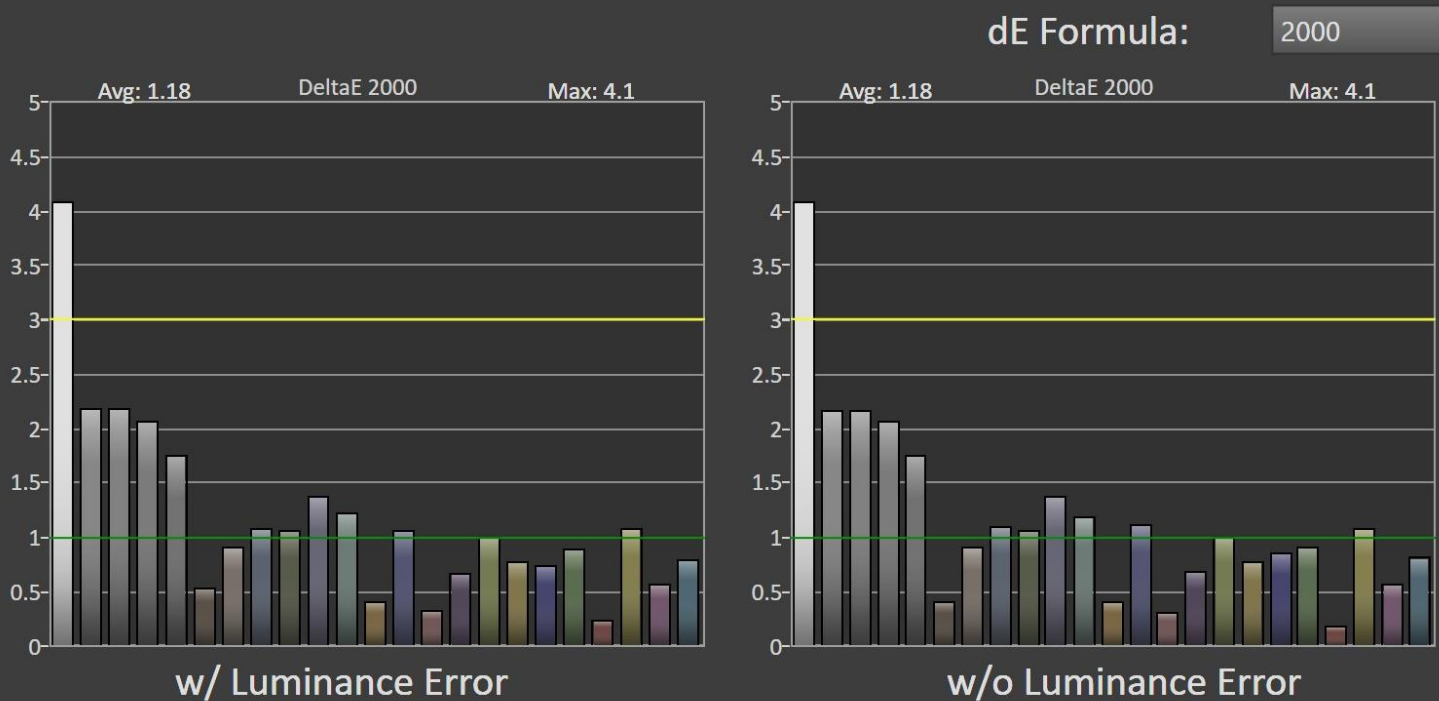
ColorChecker: HDR True Black 400

ASUS ROG Swift PG32UCDM – 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	Yellow
x: CIE31	0.3202	0.3197	0.3197	0.3200	0.3196	0.4121	0.3857	0.2569	0.3474	0.2739	0.2693	0.5143	0.2213	0.4636	0.2973	0.3827	0.4798	0.1953	0.3161	0.5496	0.4393
y: CIE31	0.3318	0.3321	0.3315	0.3315	0.3315	0.3612	0.3571	0.2684	0.4313	0.2548	0.3600	0.4118	0.1899	0.3119	0.2225	0.4994	0.4433	0.1416	0.4941	0.3182	0.4393
Y	441.6931	79.2819	64.9969	49.3158	35.3529	9.9769	35.4260	19.0315	13.4411	23.5086	42.9229	28.7307	11.7466	18.6049	6.7421	43.8525	43.8796	6.3140	23.7600	11.5798	58.8184
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	0.4393
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	0.4393
Target Y	441.6931	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	59.0435
dE ICtCp_240	1.5458	1.3420	1.3437	1.3387	1.2293	0.8342	1.0484	1.4483	1.1194	1.5429	1.3398	0.7417	1.9064	0.7128	1.3149	1.0218	1.0056	2.0597	1.1144	0.7039	1.1144

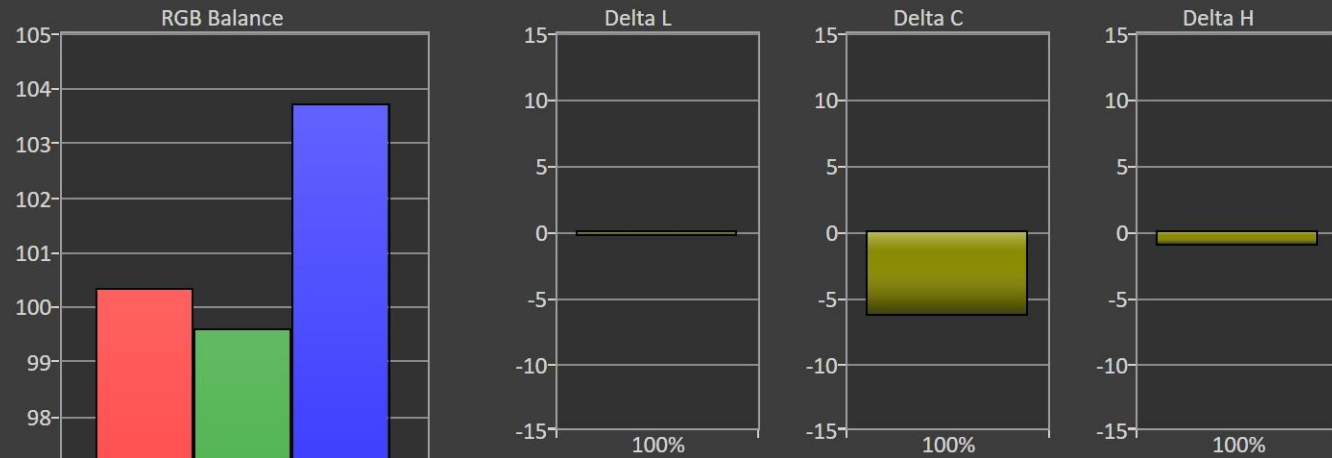
Saturation: HDR True Black 400

ASUS ROG Swift PG32UCDM – 10% APL

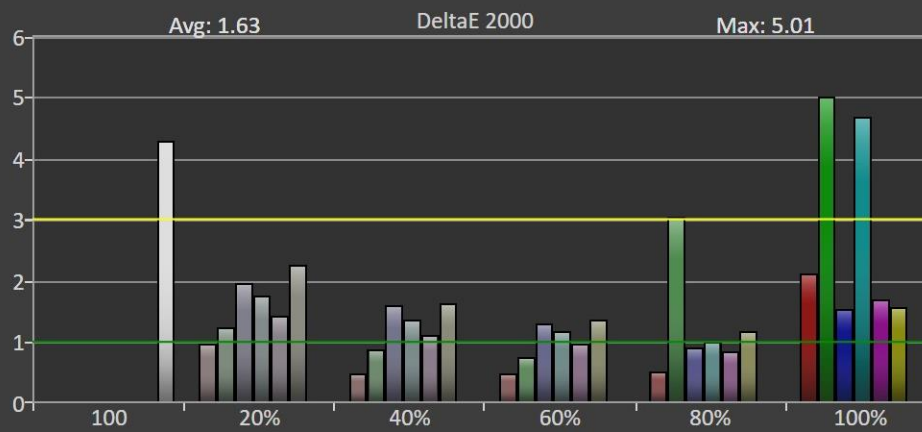
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | Max. DeltaE < 4.5



BT.2020 Saturation Sweeps

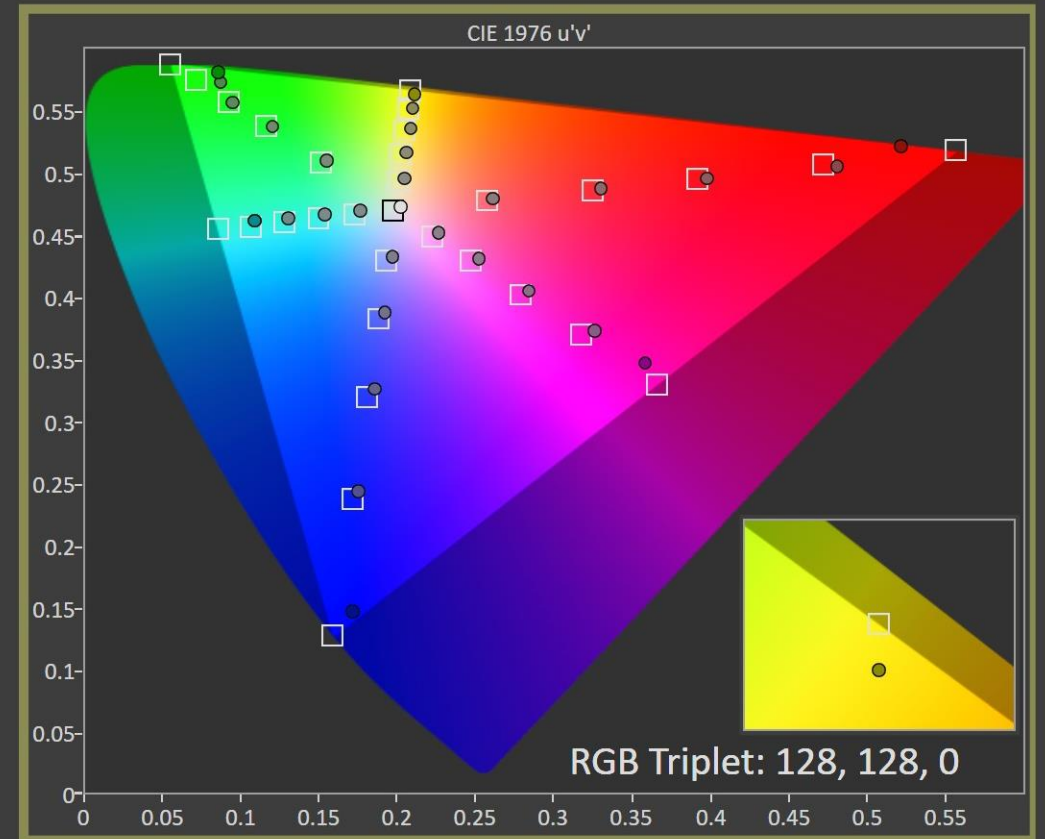


dE Formula: 2000



Current Reading

x: 0.4464
y: 0.5265
fL: 25.629
cd/m²: 87.81



	20%	40%	60%	80%	100%
x: CIE31	0.3464	0.3726	0.3994	0.4255	0.4464
y: CIE31	0.3719	0.4125	0.4534	0.4939	0.5265
Y	91.0376	89.5018	88.5257	87.9473	87.8104
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

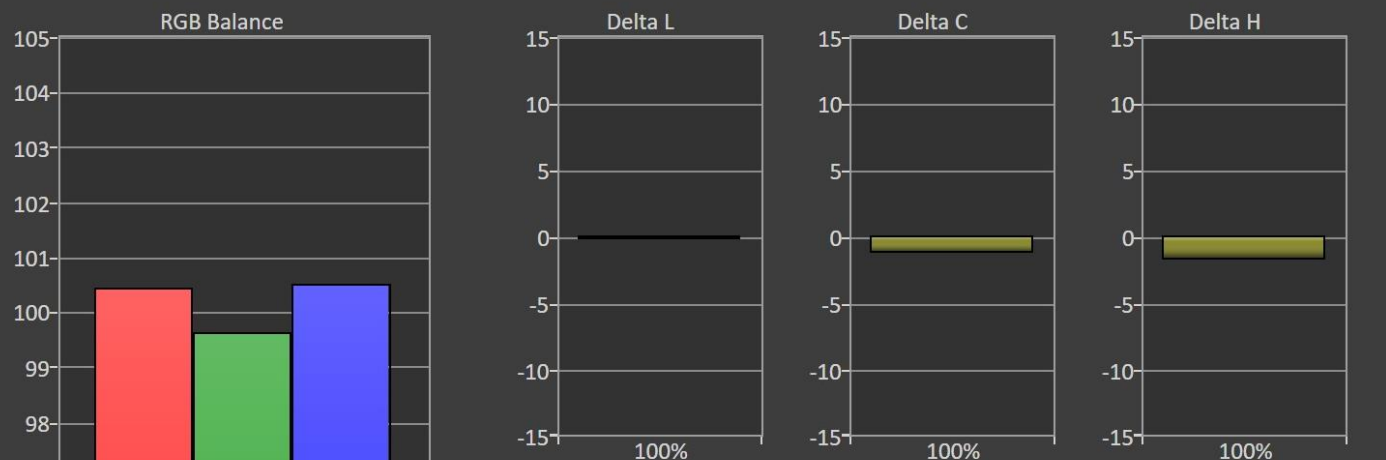
Saturation: HDR True Black 400

ASUS ROG Swift PG32UCDM – 10% APL

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



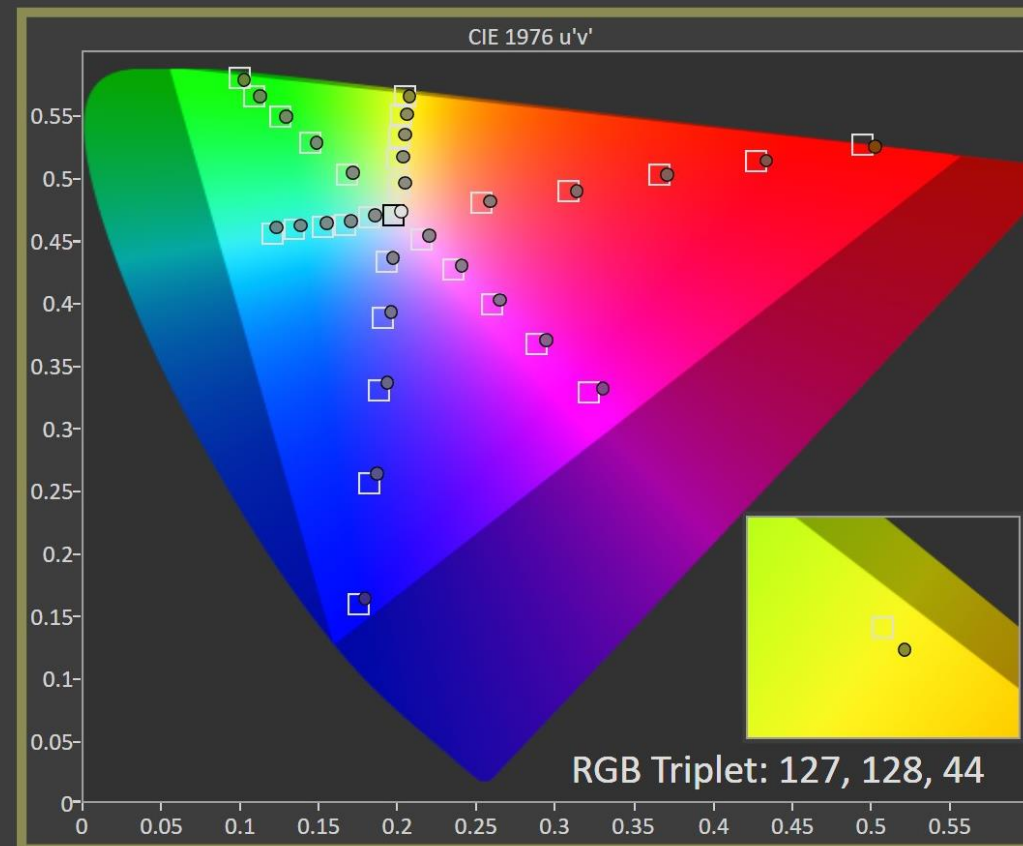
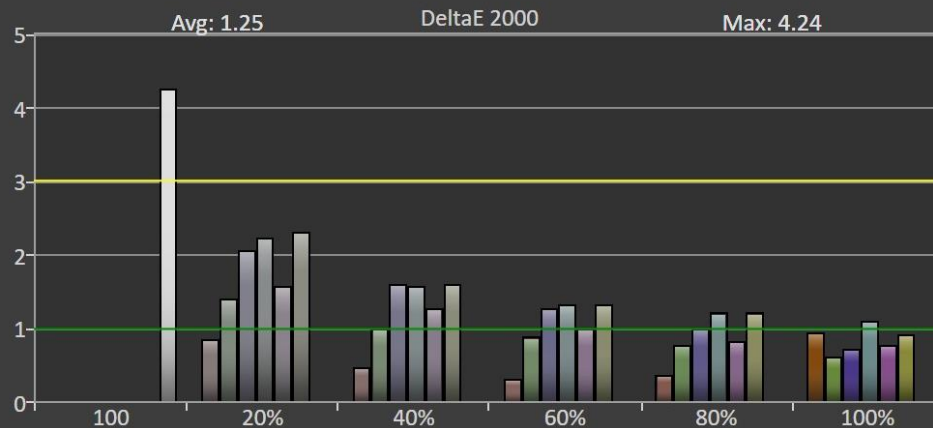
P3 Saturation Sweeps inside BT.2020



dE Formula: 2000

Current Reading

x: 0.4415
y: 0.5312
fL: 25.43
cd/m²: 87.128



	20%	40%	60%	80%	100%
x: CIE31	0.3464	0.3676	0.3920	0.4180	0.4415
y: CIE31	0.3717	0.4143	0.4530	0.4936	0.5312
Y	90.8108	88.9285	87.9909	87.0782	87.1283
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

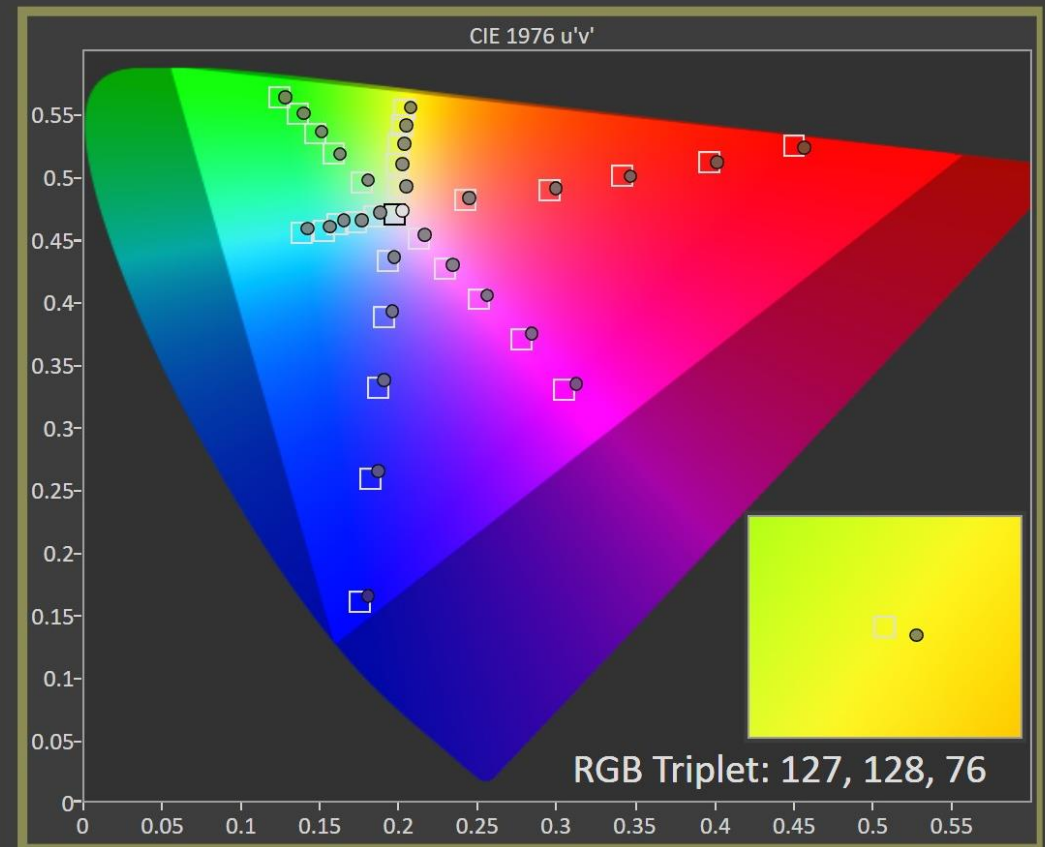
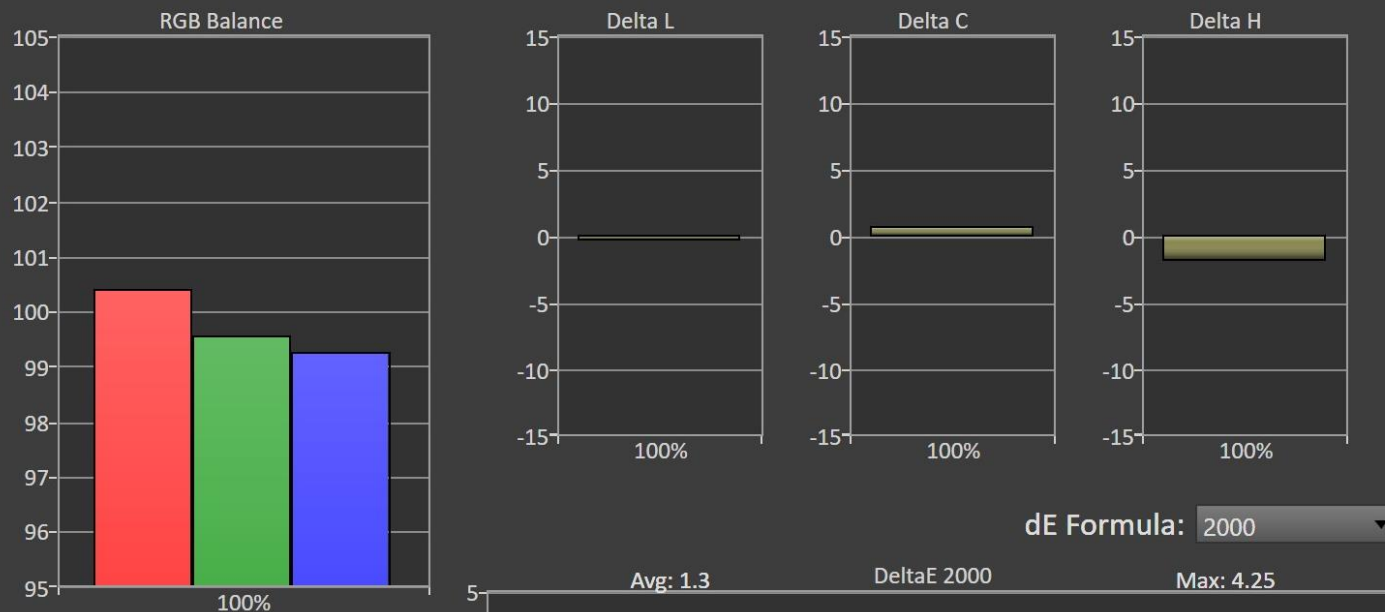
Saturation: HDR True Black 400

ASUS ROG Swift PG32UCDM – 10% APL

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

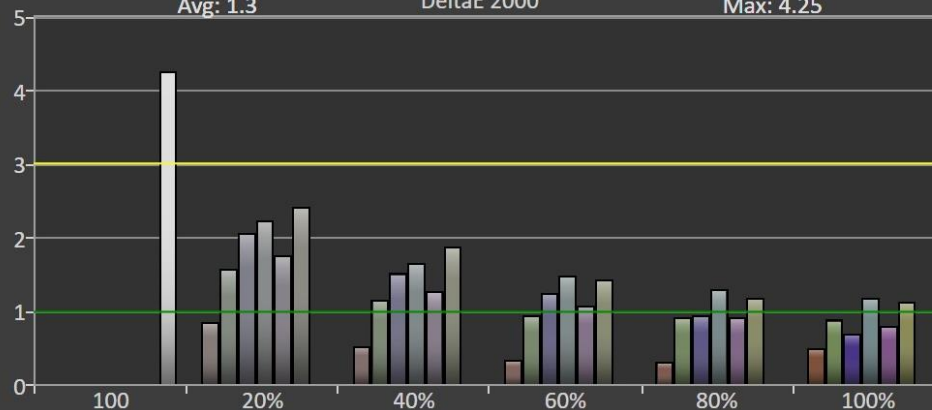


BT.709 Saturation Sweeps inside BT.2020



Current Reading

x: 0.4246
y: 0.5044
fL: 25.481
cd/m²: 87.306



	20%	40%	60%	80%	100%
x: CIE31	0.3435	0.3605	0.3817	0.4026	0.4246
y: CIE31	0.3671	0.4025	0.4363	0.4703	0.5044
Y	90.7028	89.0844	88.3533	87.6076	87.3060
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