

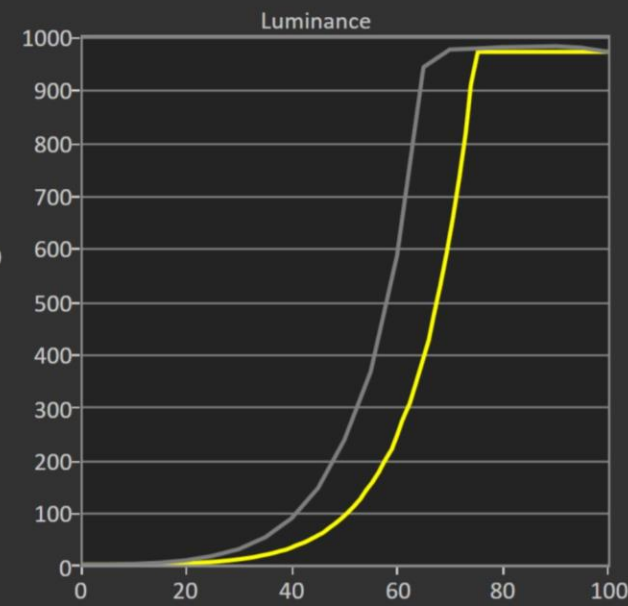
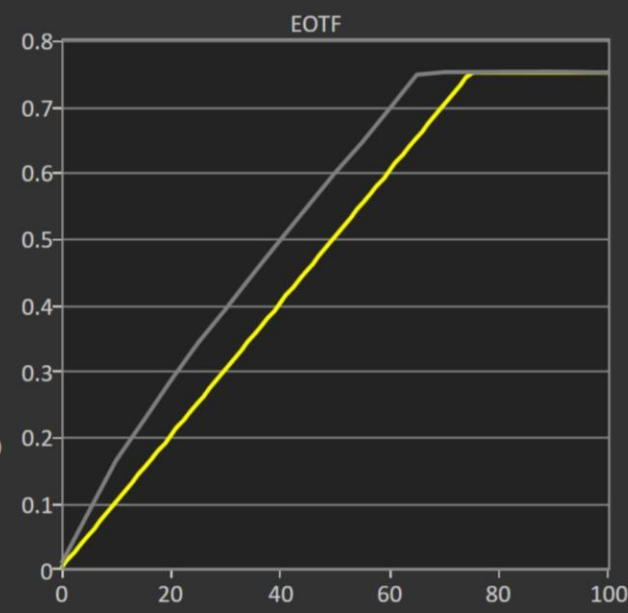
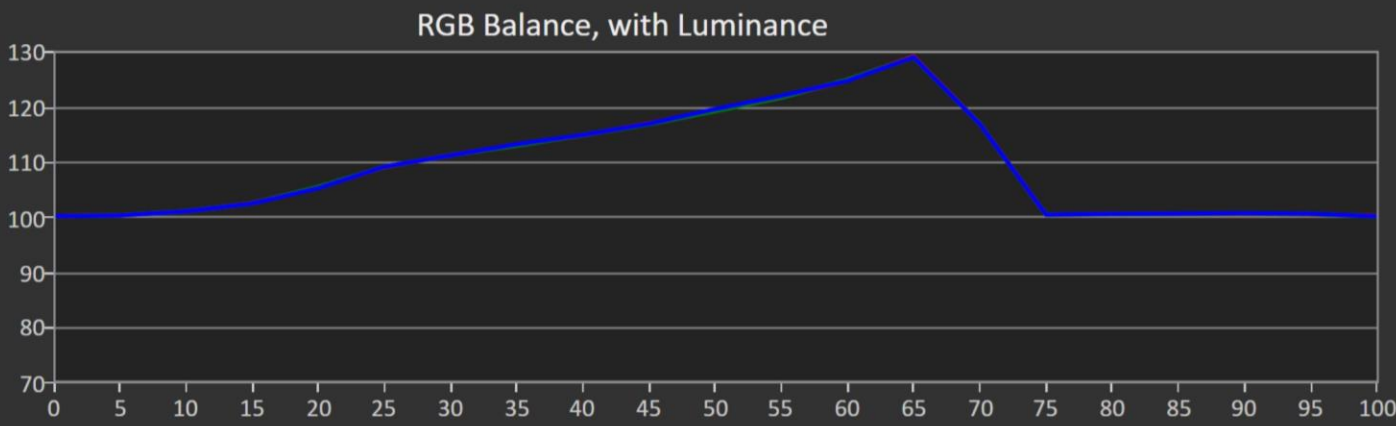
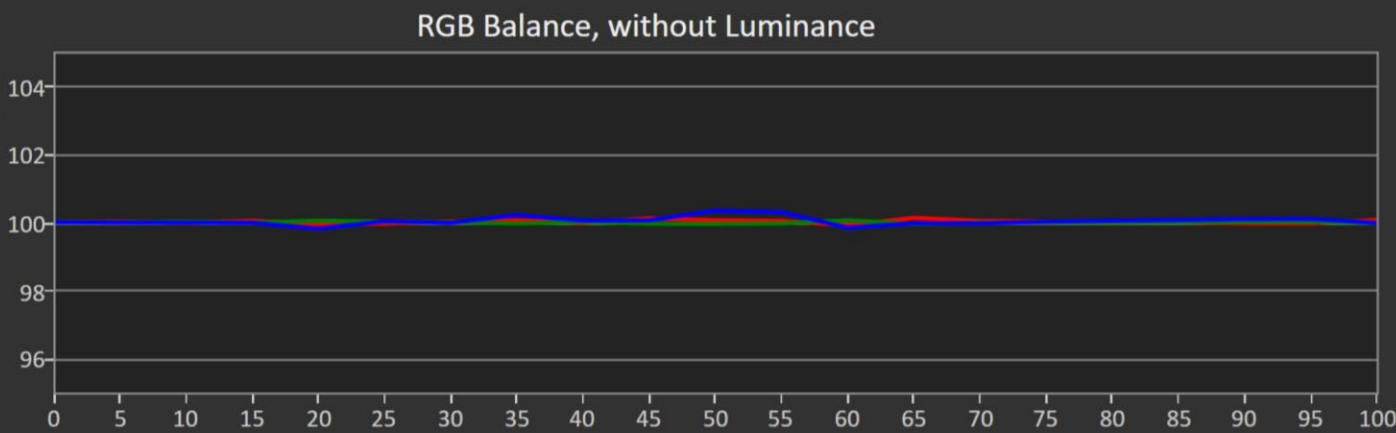
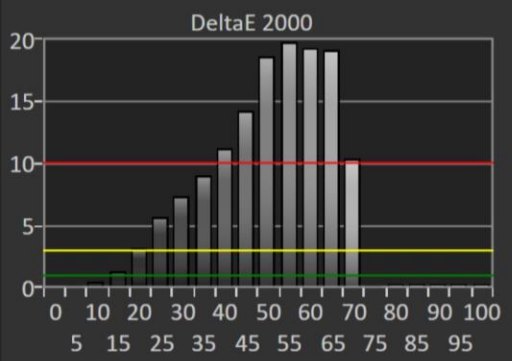
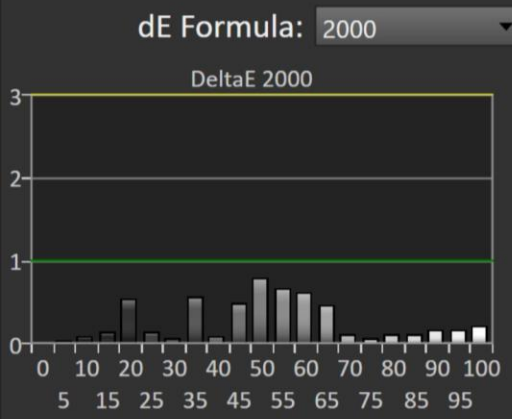
# Gray Scale: HDR 1000 Nits Mode (AMD)

Samsung Odyssey OLED G8 – 2% APL

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



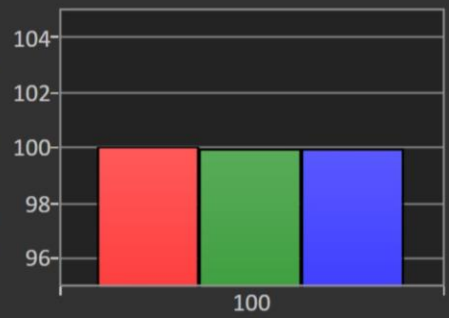
## Grayscale Tracking



Current Reading:

x: 0.313  
y: 0.329  
fL: 282.542  
cd/m²: 968.062

	0	5	10	15	20	25	30	35	40	45	50
<b>Y</b>	0.001	0.212	1.270	3.434	8.060	16.407	29.251	51.623	87.560	144.566	235.3
<b>x: CIE31</b>	0.321	0.323	0.311	0.315	0.313	0.312	0.313	0.312	0.312	0.313	0.312
<b>y: CIE31</b>	0.288	0.333	0.332	0.329	0.333	0.329	0.329	0.327	0.329	0.328	0.327
<b>Target Y</b>	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.07
<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
<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



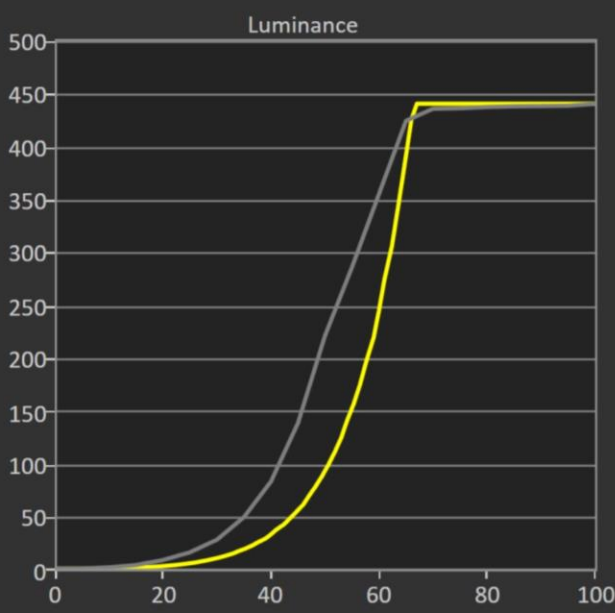
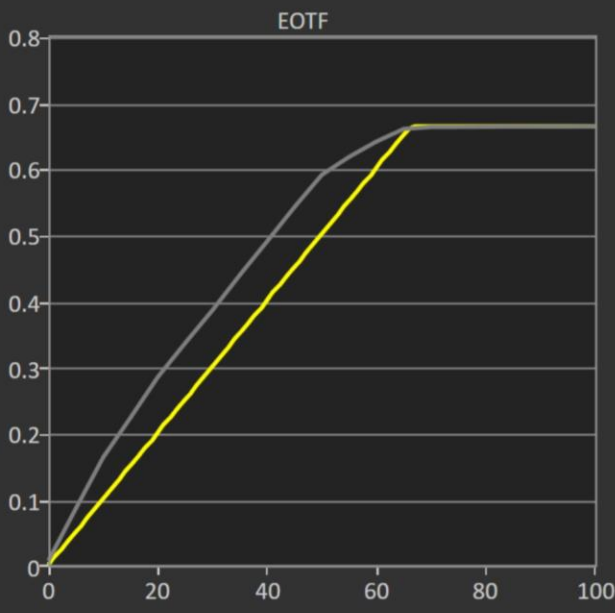
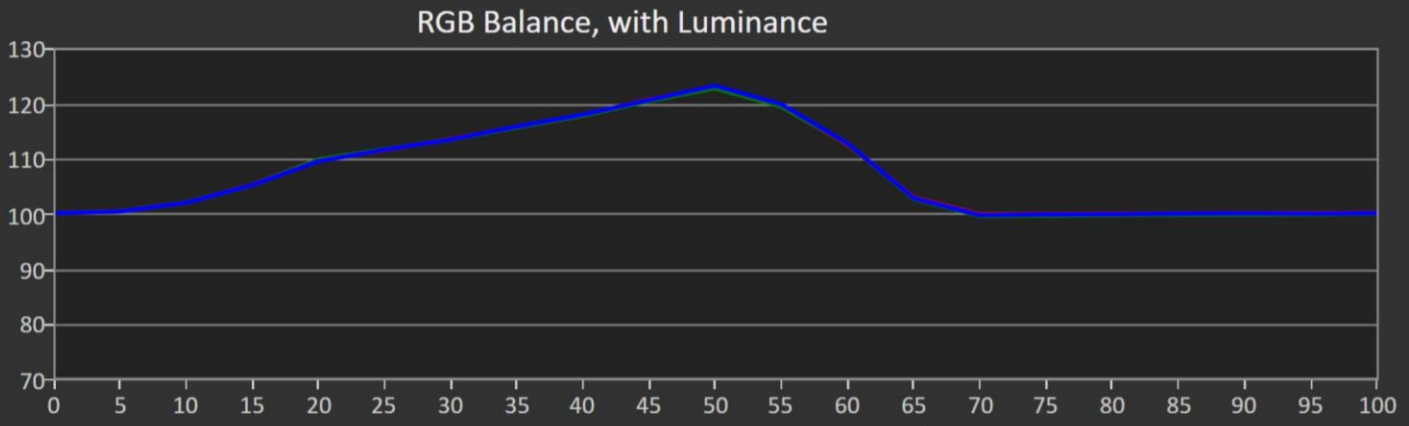
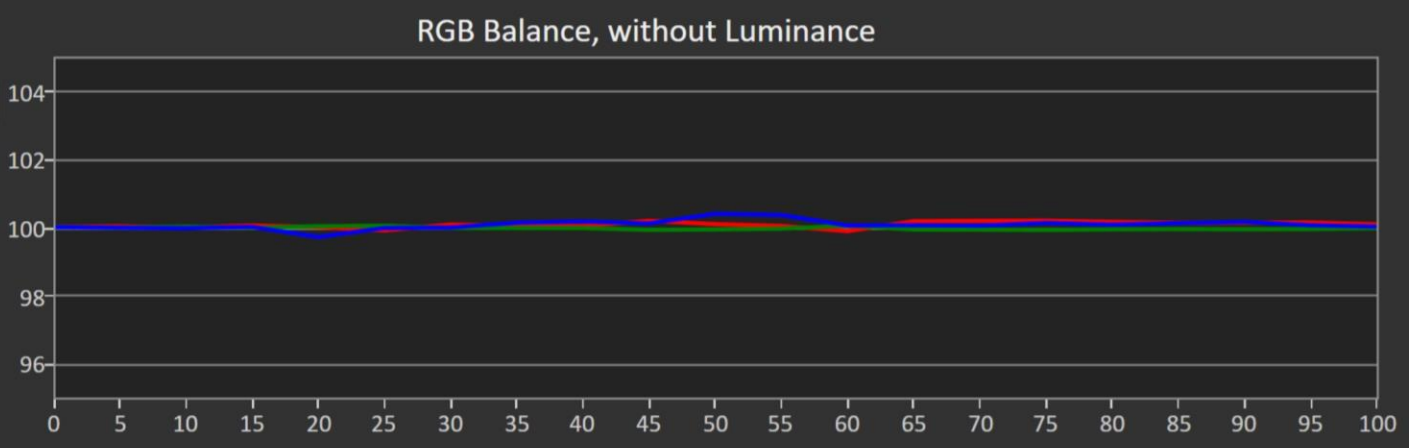
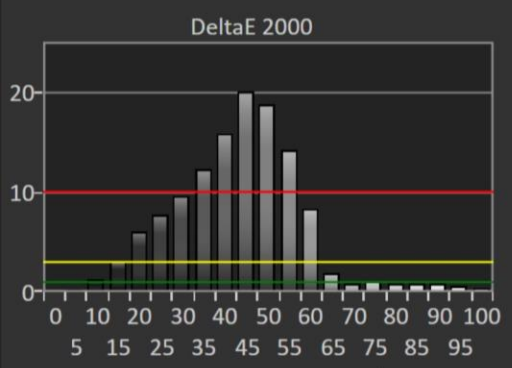
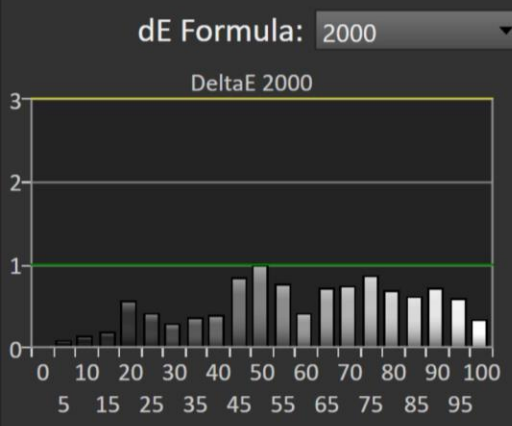
# Gray Scale: HDR 1000 Nits Mode (AMD)

Samsung Odyssey OLED G8 – 10% APL

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



## Grayscale Tracking



Current Reading:

x: 0.313  
y: 0.3288  
fL: 128.078  
cd/m<sup>2</sup>: 438.829

	0	5	10	15	20	25	30	35	40	45	50
<b>Y</b>	0.001	0.214	1.266	3.444	8.137	15.450	27.399	48.660	82.269	137.478	219.9
<b>x: CIE31</b>	0.326	0.323	0.312	0.314	0.315	0.312	0.313	0.313	0.312	0.313	0.312
<b>y: CIE31</b>	0.304	0.331	0.331	0.328	0.333	0.330	0.329	0.328	0.328	0.328	0.327
<b>Target Y</b>	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.07
<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
<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



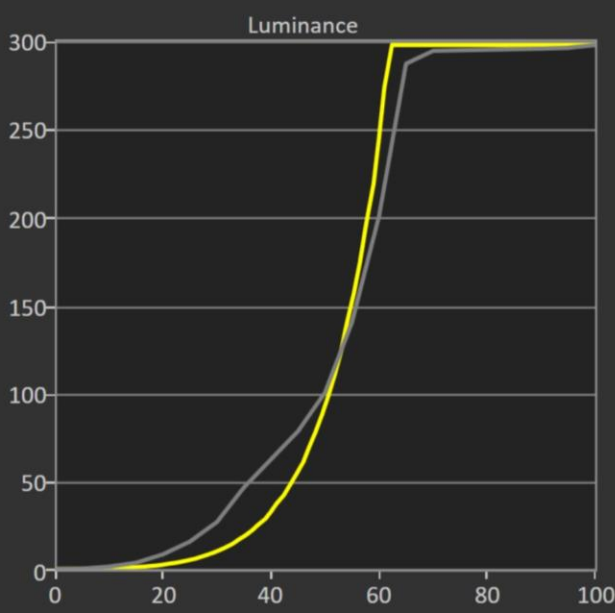
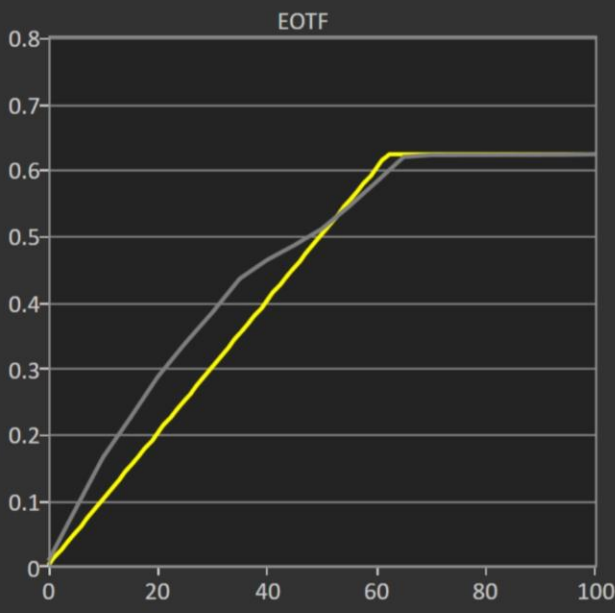
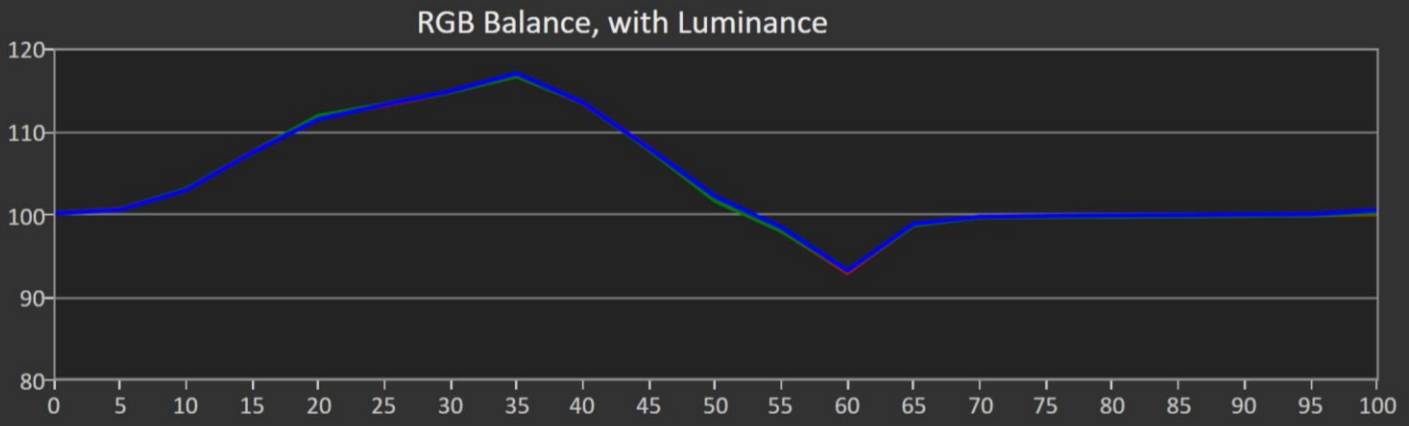
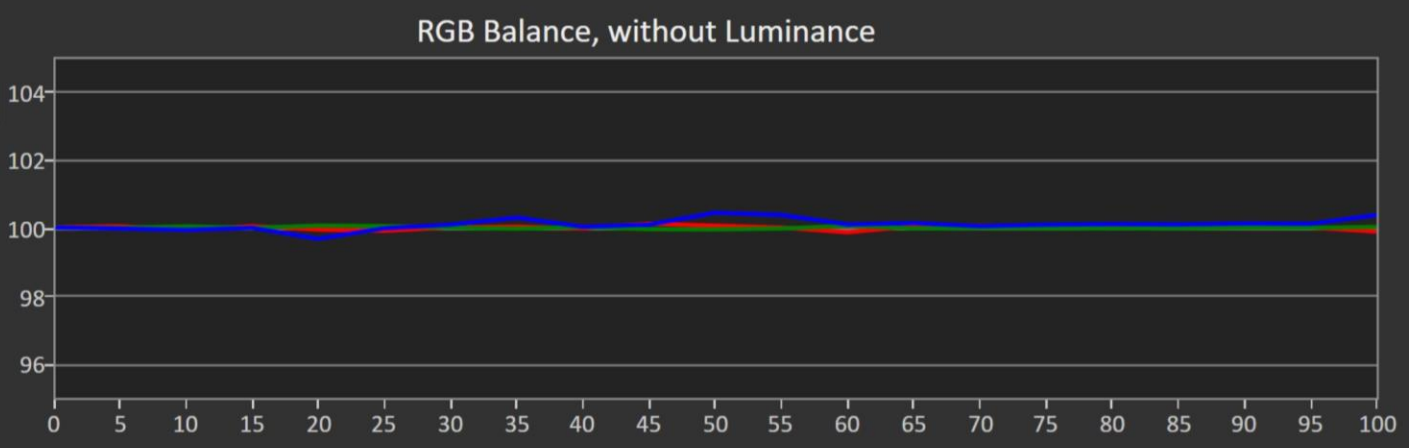
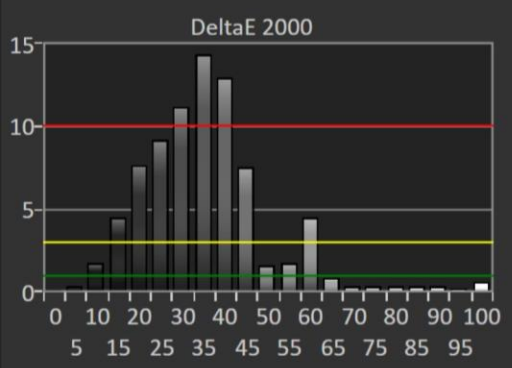
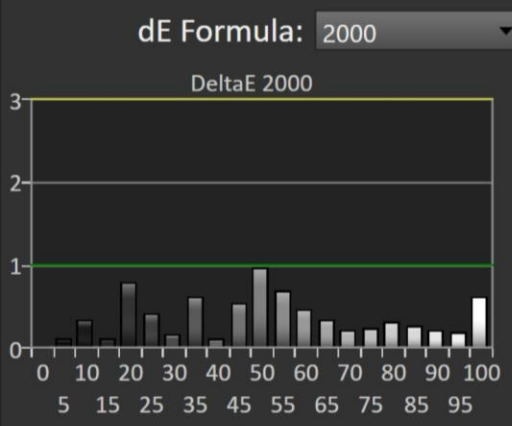
# Gray Scale: HDR 1000 Nits Mode (AMD)

Samsung Odyssey OLED G8 – 50% APL

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



## Grayscale Tracking



Current Reading:

x: 0.3116  
y: 0.328  
fL: 86.618  
cd/m<sup>2</sup>: 296.776

	0	5	10	15	20	25	30	35	40	45	50
<b>Y</b>	0.001	0.216	1.288	3.477	8.242	15.493	26.587	46.193	62.079	78.011	99.88
<b>x: CIE31</b>	0.380	0.323	0.312	0.313	0.314	0.312	0.312	0.312	0.312	0.313	0.312
<b>y: CIE31</b>	0.308	0.332	0.332	0.329	0.333	0.330	0.328	0.327	0.329	0.328	0.327
<b>Target Y</b>	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.07
<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
<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



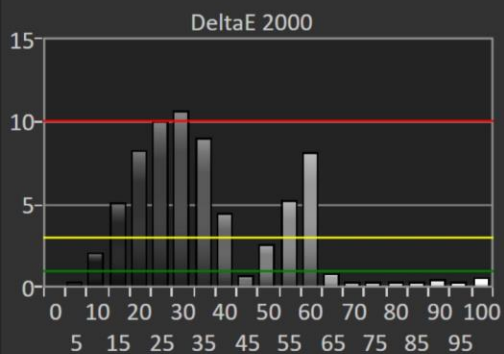
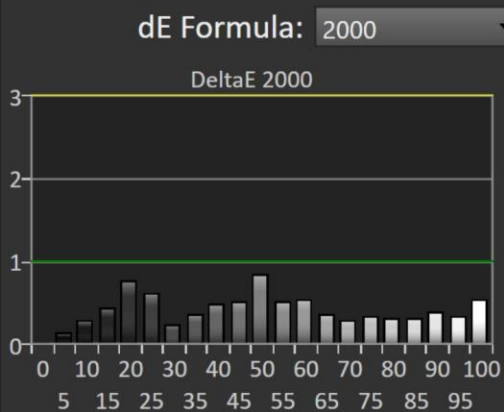
# Gray Scale: HDR 1000 Nits Mode (AMD)

Samsung Odyssey OLED G8 – 100% APL

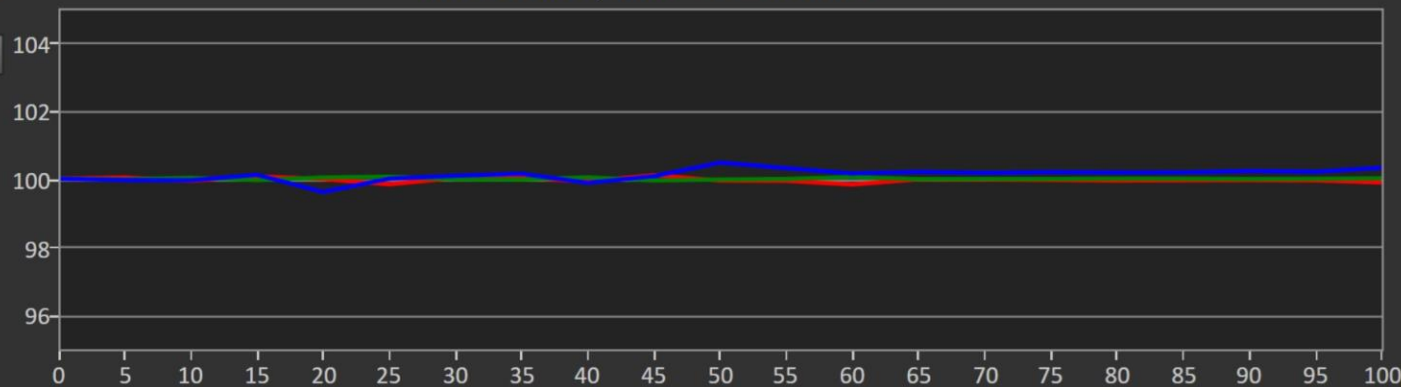
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0



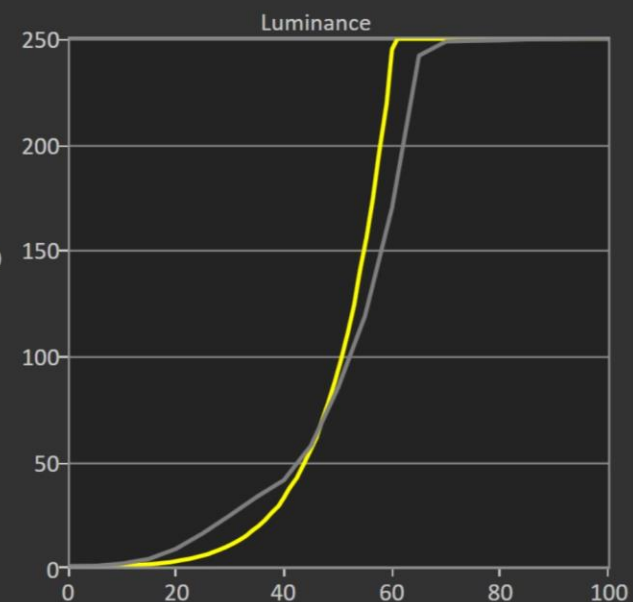
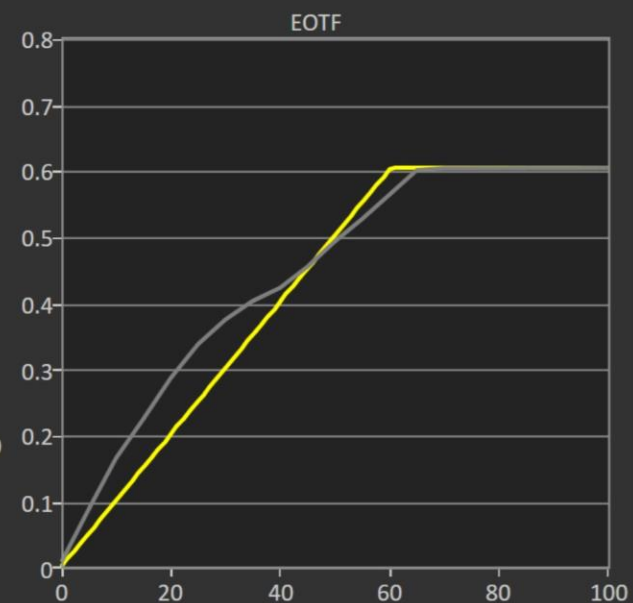
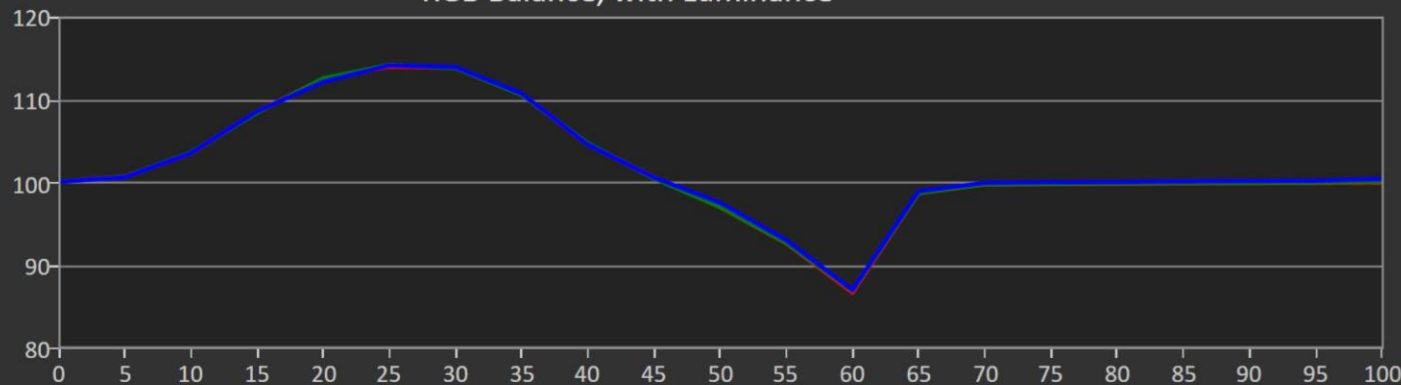
## Grayscale Tracking



### RGB Balance, without Luminance



### RGB Balance, with Luminance



Current Reading:

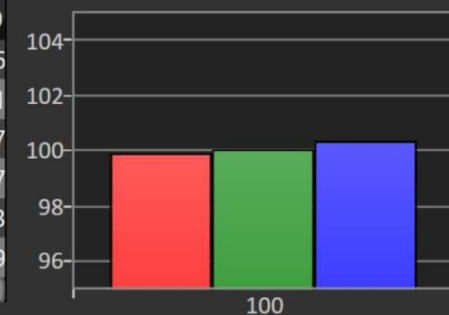
x: 0.3117

y: 0.3281

fL: 72.872

cd/m<sup>2</sup>: 249.678

	0	5	10	15	20	25	30	35	40	45	50
<b>Y</b>	0.001	0.225	1.307	3.487	8.266	15.625	24.083	32.870	40.749	56.989	84.26
<b>x: CIE31</b>	0.325	0.322	0.312	0.313	0.315	0.311	0.313	0.312	0.313	0.313	0.311
<b>y: CIE31</b>	0.308	0.332	0.331	0.327	0.333	0.330	0.328	0.328	0.330	0.328	0.327
<b>Target Y</b>	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.07
<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
<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



# Peak vs. Window Size: HDR 1000 Nits Mode

Samsung Odyssey OLED G8  
Portrait Display Calman Ultimate

