



# Dynamic Range

## SDR Analysis

### Calibrator Information

Name: ZUNZHENG  
Phone:  
Address Line 1: 深圳市南山区南海大道  
Address Line 2: 美年广场2栋6楼  
City: 深圳市  
State: 广东省 Zip: 518054  
Calibrator: zunzheng

### Calibration Targets

Gamut primaries: rec.709/sRGB  
Gamma formula: PowerFunction  
Gamma: 2.4

### Display Information

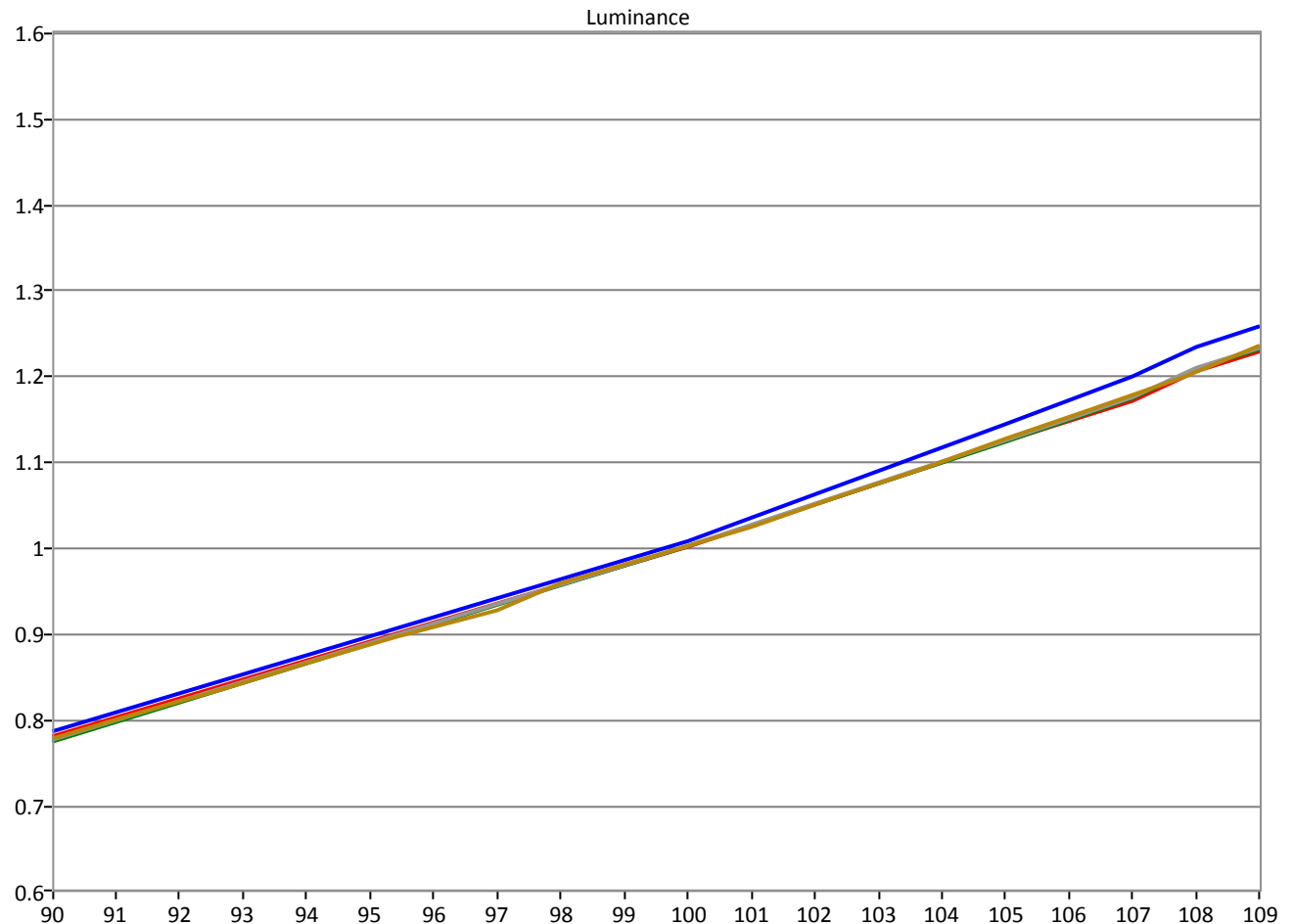
Display:  
AM550

### Calibration Equipment

Meter: Konica Minolta CA-210, CA-310  
Source: FSI BoxIO Generator

2020/12/30

White Level: 99.4





# Multipoint Grayscale

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### Calibration Targets

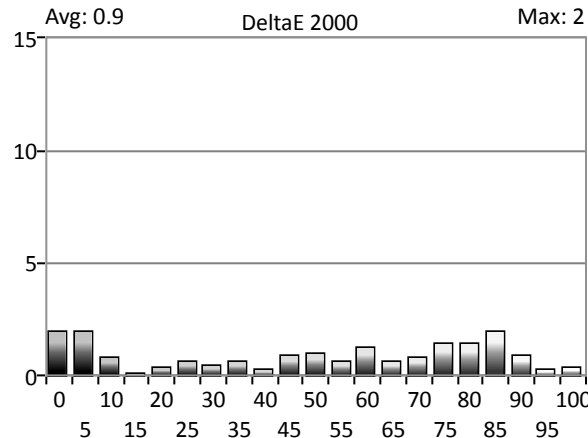
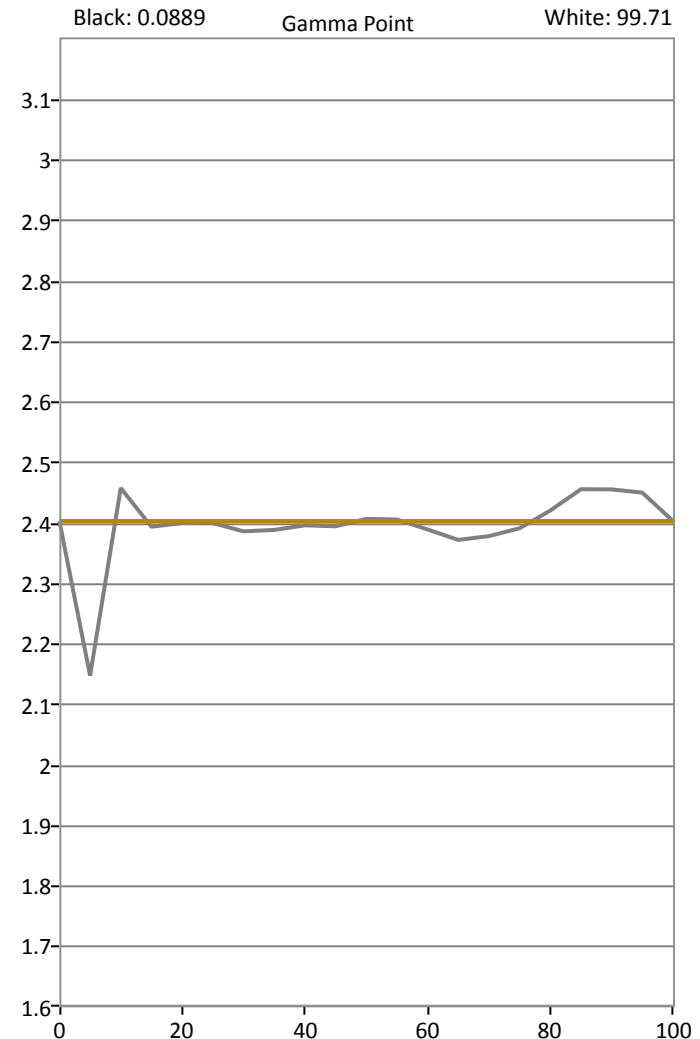
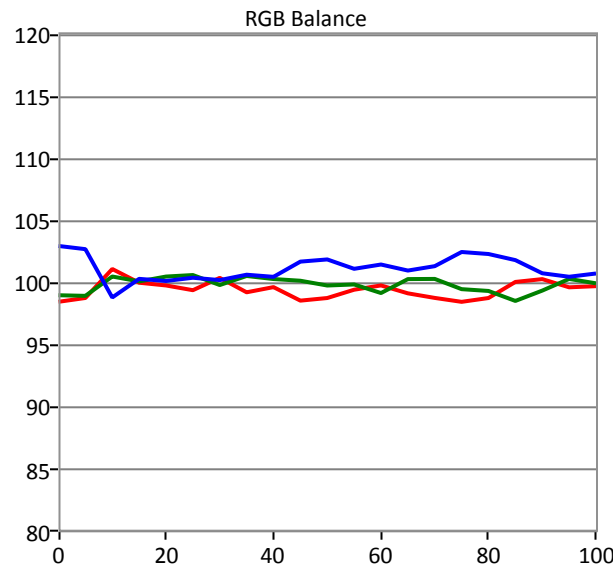
Gamut primaries: rec.709/sRGB  
 Gamma formula: PowerFunction  
 Gamma: 2.4

### Display Information

Display:  
 AM550

### Calibration Equipment

Meter: Konica Minolta CA-210, CA-310  
 Source: FSI BoxIO Generator



Target x:CIE31	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	
Target y:CIE31	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	
Target Y cd/m²	0.0889	0.1649	0.4899	1.1499	2.2052	3.7044	5.6890	8.1961	11.2589	14.9079	19.1714	23.6030	29.1120	35.3085	42.2151	49.8532	58.2435	67.4058	77.3590	88.1217	99.7117
x: CIE31	0.2333	0.2804	0.3256	0.3119	0.3119	0.3109	0.3130	0.3108	0.3117	0.3093	0.3097	0.3112	0.3113	0.3112	0.3107	0.3098	0.3103	0.3117	0.3125	0.3122	0.3121
y: CIE31	0.2142	0.2780	0.3444	0.3282	0.3302	0.3296	0.3281	0.3288	0.3287	0.3263	0.3257	0.3271	0.3258	0.3281	0.3277	0.3255	0.3257	0.3256	0.3276	0.3288	0.3283
Y cd/m²	0.0889	0.2521	0.4427	1.1692	2.2165	3.7219	5.8051	8.3224	11.3321	15.0113	19.1253	23.5689	29.3217	35.7889	42.5953	50.0262	58.0193	66.8302	76.9330	87.9091	99.7117
ΔE 2000	1.9580	1.9848	0.8630	0.1402	0.4360	0.6287	0.4569	0.6578	0.3236	0.9534	1.0578	0.6299	1.3066	0.6499	0.8105	1.4822	1.4698	1.9801	0.9462	0.3192	0.3981
dEITP	15.0066	13.1741	4.4333	0.6790	0.5902	0.9186	1.1493	1.2423	0.6026	1.6430	1.5221	0.8069	1.2315	1.1912	1.2039	1.6469	1.4438	1.3921	0.6569	0.3516	0.3480



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### Calibration Targets

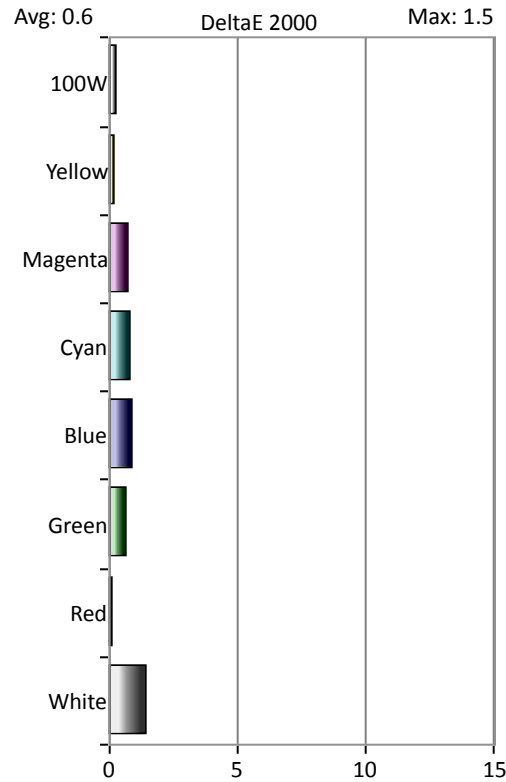
Gamut primaries: rec.709/sRGB  
 Gamma formula: PowerFunction  
 Gamma: 2.4

### Display Information

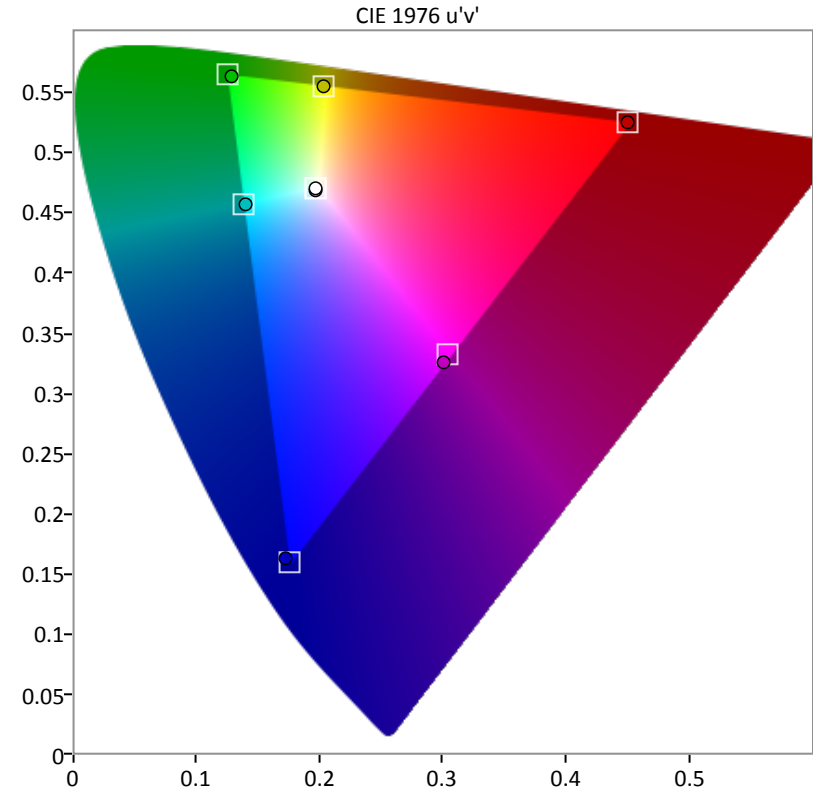
Display:  
 AM550

### Calibration Equipment

Meter: Konica Minolta CA-210, CA-310  
 Source: FSI BoxIO Generator



## Gamut



Target x:CIE31	0.3127	0.6400	0.3000	0.1500	0.2247	0.3209	0.4193	0.3127
Target y:CIE31	0.3290	0.3300	0.6000	0.0600	0.3287	0.1542	0.5053	0.3290
Target Y cd/m <sup>2</sup>	49.5864	10.5449	35.4622	3.5794	39.0416	14.1243	46.0070	99.2667
x: CIE31	0.3099	0.6393	0.3049	0.1490	0.2265	0.3142	0.4186	0.3124
y: CIE31	0.3255	0.3305	0.5933	0.0616	0.3264	0.1508	0.5053	0.3285
Y cd/m <sup>2</sup>	49.6336	10.4909	35.4428	3.8199	39.4608	14.1941	45.9614	99.2667
$\Delta E$ 2000	1.4694	0.1326	0.6516	0.8623	0.7893	0.7040	0.1568	0.2756
dEITP	1.6021	0.8490	2.5484	3.8255	1.6860	4.0540	0.3928	0.1942



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Calibrator: zunzheng

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Gamut primaries: rec.709/sRGB

Gamma formula: PowerFunction

Gamma: 2.4

### Display Information

Display:

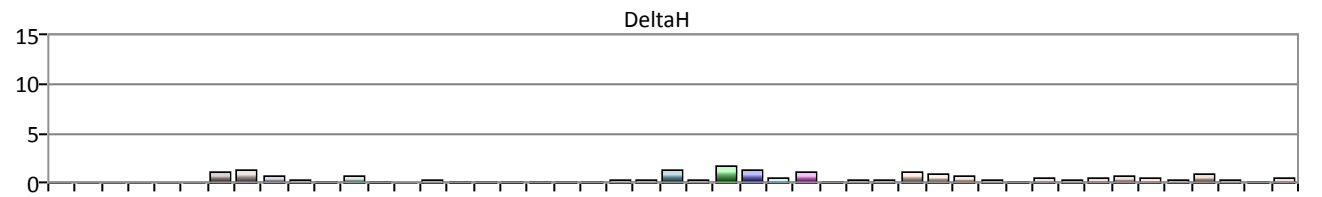
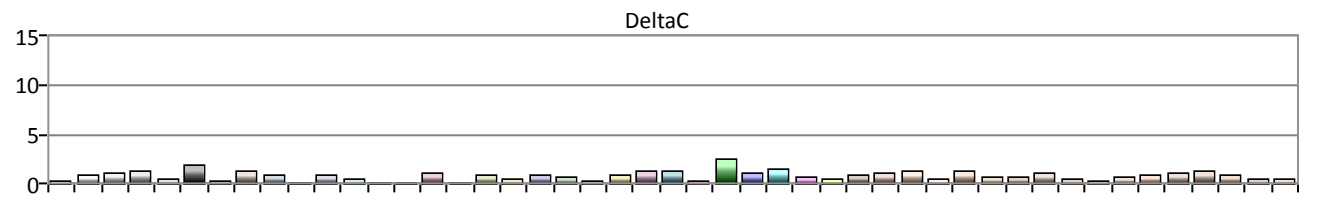
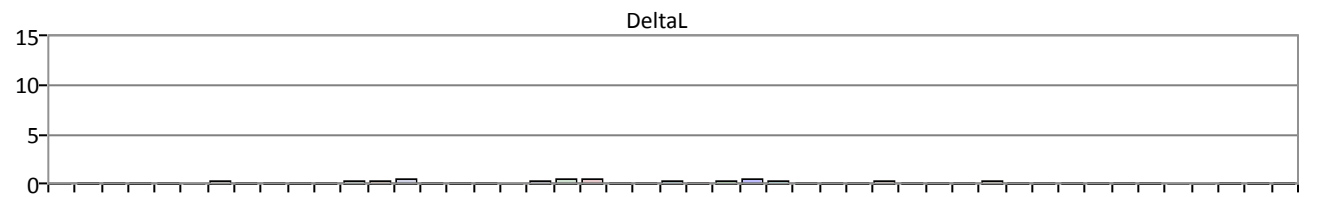
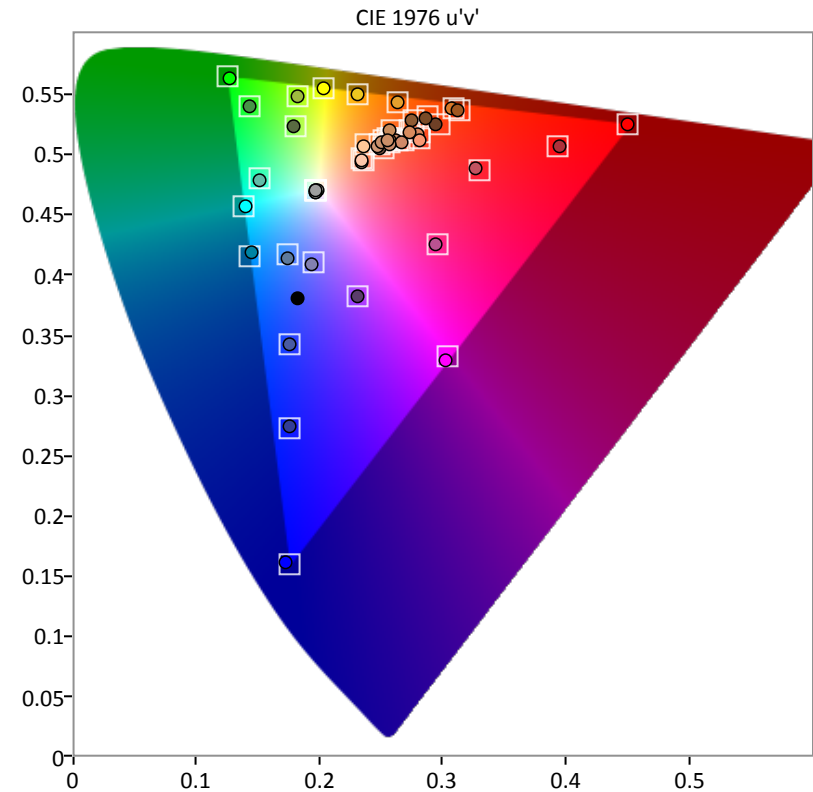
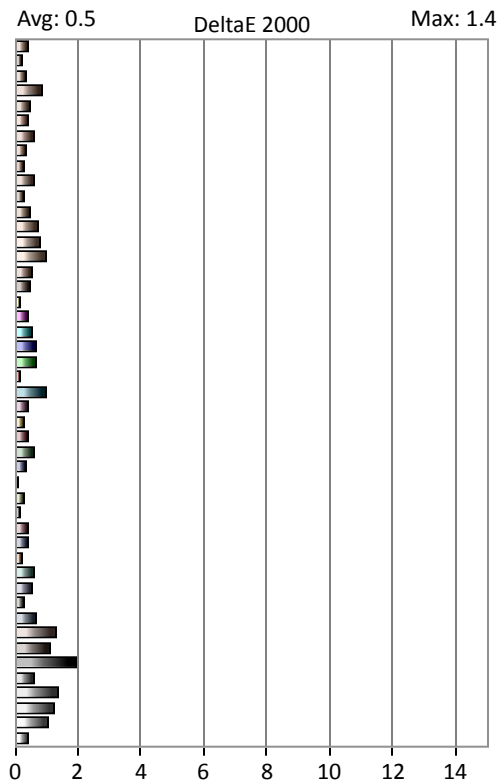
AM550

### Calibration Equipment

Meter: Konica Minolta CA-210, CA-310

Source: FSI BoxIO Generator

# ColorChecker





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Gamut primaries: rec.709/sRGB

Gamma formula: PowerFunction

Gamma: 2.4

### Display Information

Display:

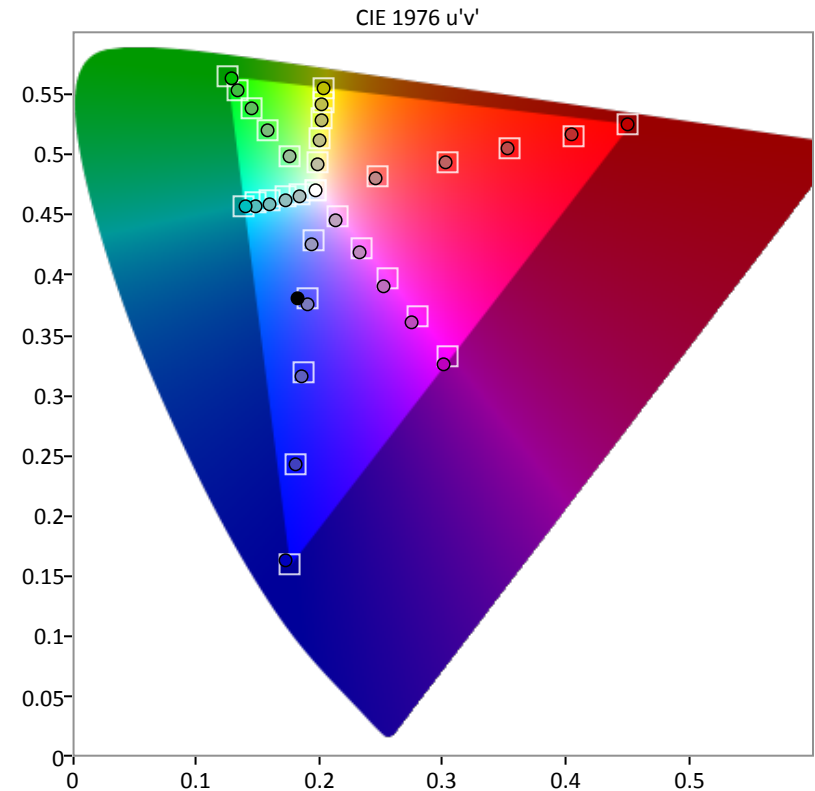
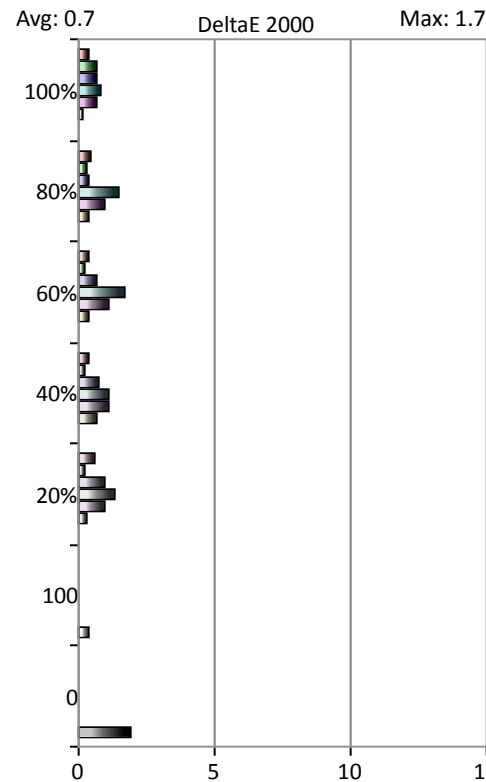
AM550

### Calibration Equipment

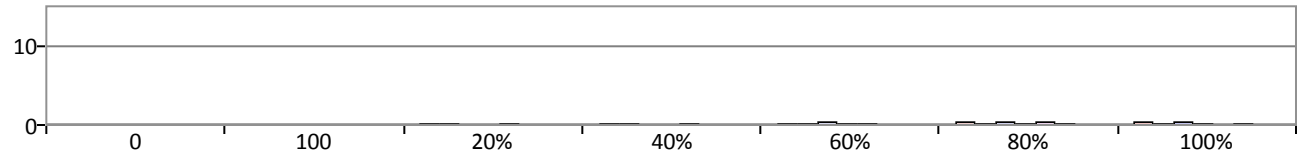
Meter: Konica Minolta CA-210, CA-310

Source: FSI BoxIO Generator

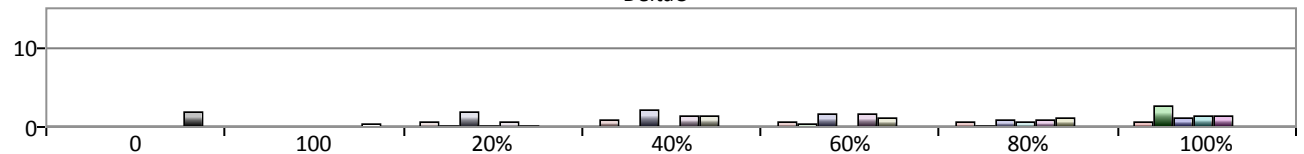
# Saturation Sweeps



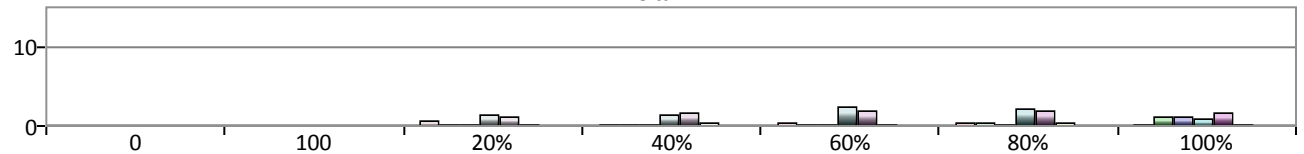
DeltaL



DeltaC



DeltaH





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# Luminance Sweeps

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Gamut primaries: rec.709/sRGB  
Gamma formula: PowerFunction  
Gamma: 2.4

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Display:  
AM550

### Calibration Equipment

Meter: Konica Minolta CA-210, CA-310  
Source: FSI BoxIO Generator

