DM220 Direct Connect Volumetric AutoCal Verification
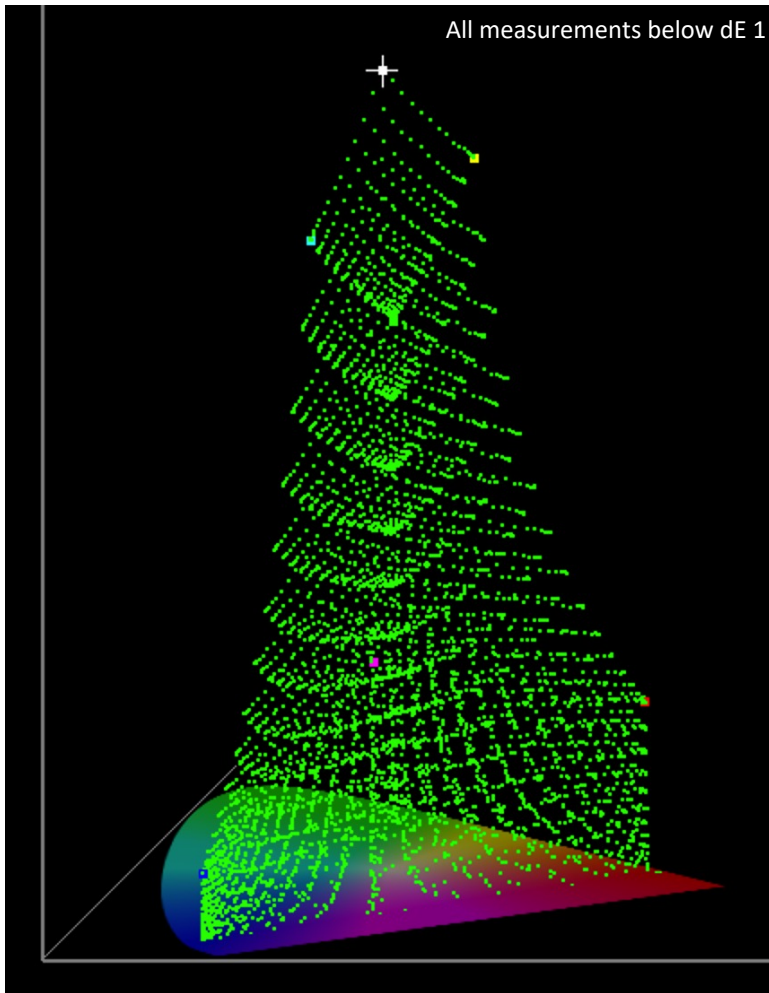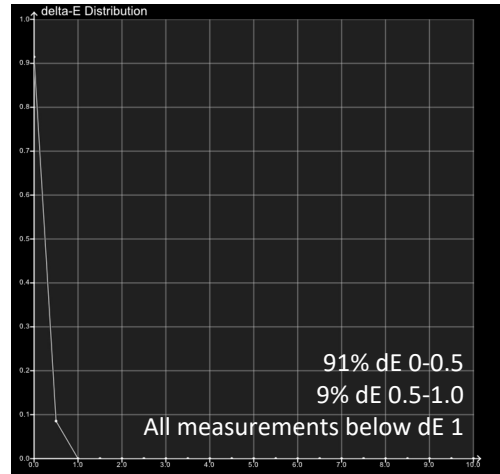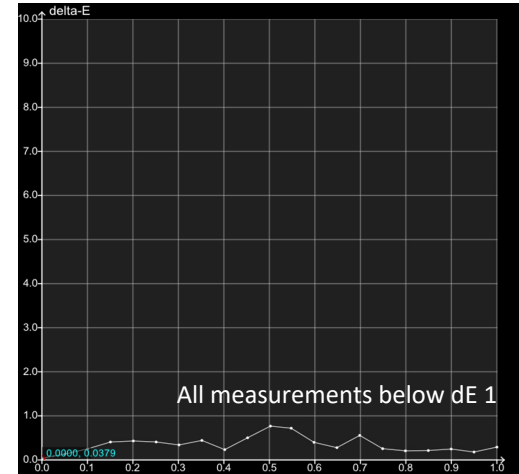
Volumetric View

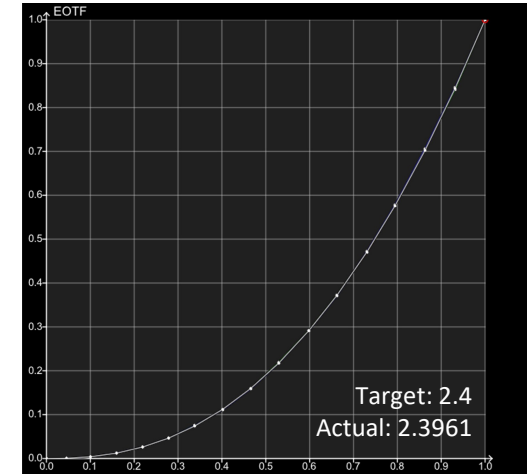All measurements below dE 1

Volumetric x,y,Y view where measured points with corresponding dE2000 value below 1.0 are shown as green dots. All 4,913 measured patches were below 1.0. If any points were higher than dE2000 of 1.0 they would be shown as orange or red instead of green.

dE Distribution

91% dE 0-0.5
9% dE 0.5-1.0
All measurements below dE 1

Greyscale dE

All measurements below dE 1

0.0000: 0.0379

EOTF Tracking

Target: 2.4
Actual: 2.3961

RGB Balance
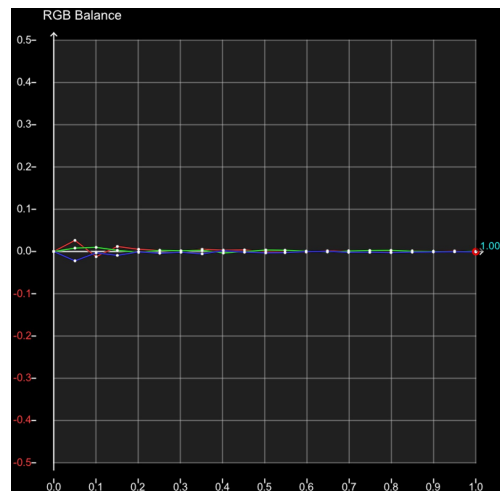
Profile Points: 4913

dE00 Limits		dE00 Coverage		
Min:	0.0057	<1:	4913	(100.00%)
Max:	0.9842	>1 <2.3:	0	(0.00%)
Avg:	0.2632	>2.3:	0	(0.00%)

All graphs represent actual measured data of a DM220 calibrated with a CR100 using Direct Connect Volumetric AutoCal. The AutoCal process took an elapsed time of under 7 minutes. Results shown here were obtained with a 4,913pt Cube Based Analysis in LightIllusion's ColourSpace using the same CR100 that was used for AutoCal. This comparison illustrates the performance of the Rec709, 6500K, gamma 2.4 selection vs. a Rec709, 6500K, gamma 2.4 target, but other gamut, CCT, and EOTF selections may be made from the monitor's menu without requiring recalibration of the display.

ColorChecker

DM220 Direct Connect Volumetric AutoCal
Verification Using Calman Color Checker