



ProArt Display PA32UCXR

Color Calibration Testing Report

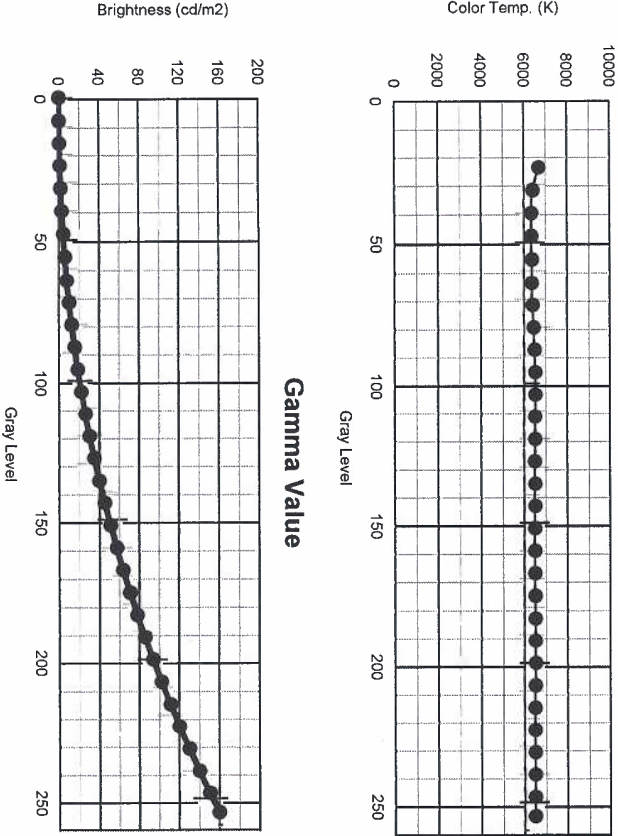
ProArt

Every ProArt Display PA32UCXR is equipped with pre-tuned DCI-P3 / Adobe RGB / sRGB and has undergone rigorous tests and calibration processes to ensure delta E color difference. ASUS advanced gray-scale tracking technology ensures smoother color gradation delivered by every ProArt Display PA32UCXR.

Measurement Result

Verification Item	Result
Gamma	2.24
sRGB Color Accuracy (Avg. ΔE)	0.68
Adobe RGB Color Accuracy (Avg. ΔE)	0.41
DCI-P3 Color Accuracy (Avg. ΔE)	0.70

Gray-Scale Tracking



Serial #10.

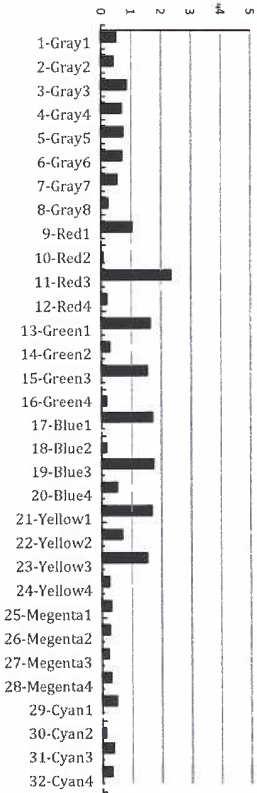
R8LMSB001741



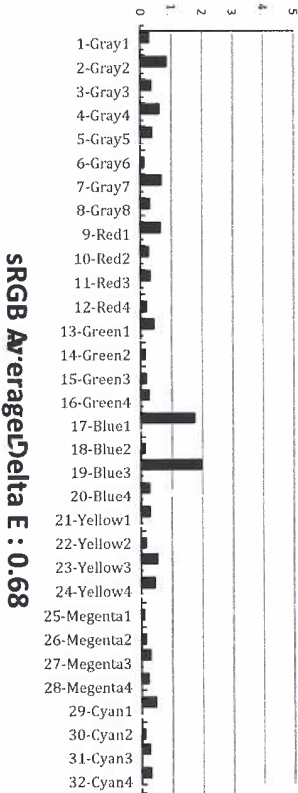
Test Equipment

Minota Color Analyzer CA410

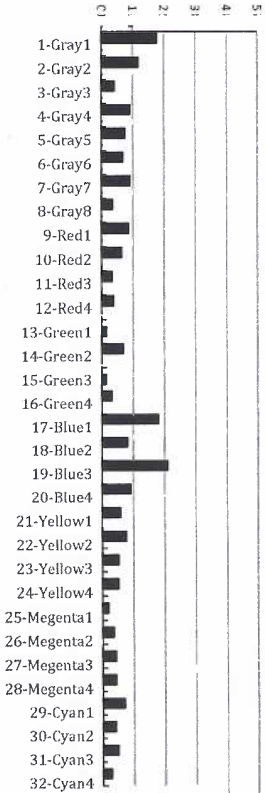
DCI-P3 Average Delta E : 0.70



Adobe RGB Average Delta : 0.41



sRGB Average Delta E : 0.68



Note: The color calibrations of every ProArt Display PA32UCXR is pre-tuned and tested under ASUS standardized procedures using calibrated facilities at the factory manufacturing line. This report is a certificate only for the newly manufactured ProArt Display PA32UCXR monitor unit. Test results may vary under different test procedures, equipment and patterns.

Color Calibration Testing Report

The Uniformity of Tonality < 0.1

White (RGB = 255)				
1	2	3	4	5
0.0025	0.0002	0.0002	0.0016	0.0006
6	7	8	9	10
0.0013	0.0001	0.0014	0.0009	0.0010
11	12	13	14	15
0.0003	0.0005	0.0000	0.0029	0.0027
16	17	18	19	20
0.0009	0.0016	0.0014	0.0029	0.0038
21	22	23	24	25
0.0011	0.0027	0.0026	0.0040	0.0035

Color Uniformity Delta E_c(L*a*b*)

1	2	3	4	5
0.7100	0.3200	0.2100	0.4600	0.5700
6	7	8	9	10
0.4800	0.1800	0.1000	0.4000	0.5900
11	12	13	14	15
0.2100	0.1200	0.0000	0.5800	0.6900
16	17	18	19	20
0.2800	0.1200	0.1300	0.4800	0.6800
21	22	23	24	25
0.4400	0.4500	0.4000	0.5500	0.7400

Gray
(RGB = 127)

1	2	3	4	5
0.0098	0.0042	0.0034	0.0058	0.0095
6	7	8	9	10
0.0052	0.0009	0.0005	0.0019	0.0070
11	12	13	14	15
0.0071	0.0004	0.0000	0.0010	0.0064
16	17	18	19	20
0.0047	0.0006	0.0023	0.0029	0.0019
21	22	23	24	25
0.0109	0.0082	0.0053	0.0053	0.0102

1	2	3	4	5
1.1400	0.7600	0.5300	1.5600	2.7900
6	7	8	9	10
0.6700	0.1000	0.3000	1.4100	2.8100
11	12	13	14	15
0.4400	0.1300	0.0000	1.5000	2.6500
16	17	18	19	20
0.7800	0.4100	0.5800	1.6200	2.4200
21	22	23	24	25
1.2900	1.1800	1.2500	2.0700	2.5600

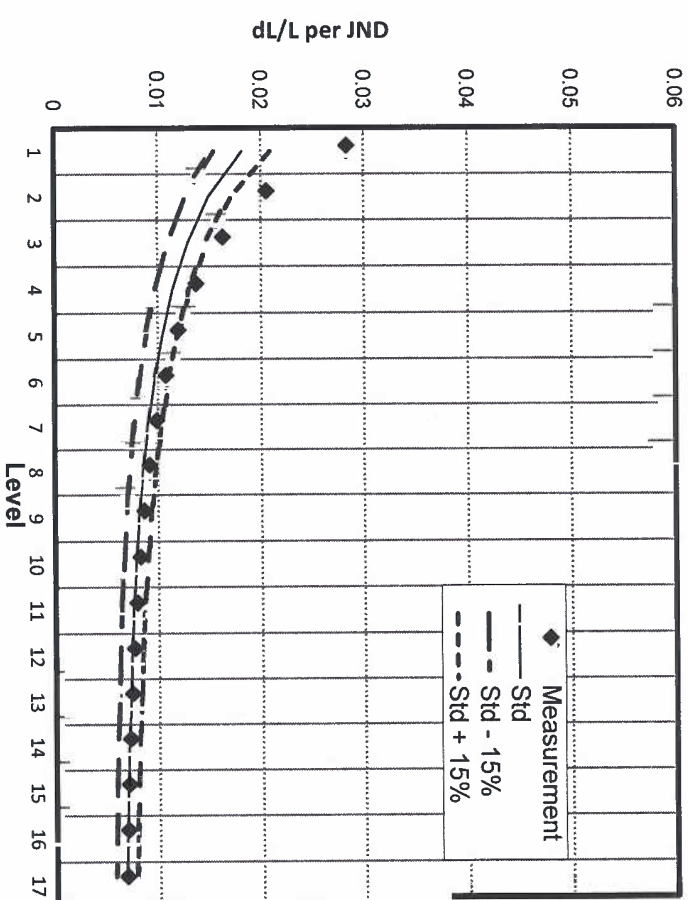
Dark Gray
(RGB = 63)

1	2	3	4	5
0.0036	0.0008	0.0007	0.0022	0.0027
6	7	8	9	10
0.0026	0.0013	0.0007	0.0006	0.0020
11	12	13	14	15
0.0047	0.0028	0.0000	0.0002	0.0025
16	17	18	19	20
0.0055	0.0052	0.0004	0.0020	0.0001
21	22	23	24	25
0.0134	0.0143	0.0089	0.0066	0.0094

1	2	3	4	5
1.0100	0.6000	0.4700	1.6100	2.7600
6	7	8	9	10
1.0500	0.5900	0.2000	1.4400	2.7700
11	12	13	14	15
0.5500	0.4500	0.0000	1.5600	2.6400
16	17	18	19	20
0.8400	0.5000	0.6200	1.6000	2.3600
21	22	23	24	25
1.2100	1.1900	1.2300	2.0000	2.4100

Inspection Item	JND Performance
Test Equipment	CA410

Level	dL/L per JND	Level	dL/L per JND	Level	dL/L per JND
15	0.0273	105	0.0098	195	0.0075
30	0.0205	120	0.0091	210	0.0071
45	0.0163	135	0.0085	225	0.0071
60	0.0144	150	0.0083	240	0.0071
75	0.0125	165	0.0079	255	0.0068
90	0.0112	180	0.0076		



Note: Every ProArt Display PA32UCXR is carefully measured and set every grayscale level to ensure the most accurate and precise DICOM standard.