

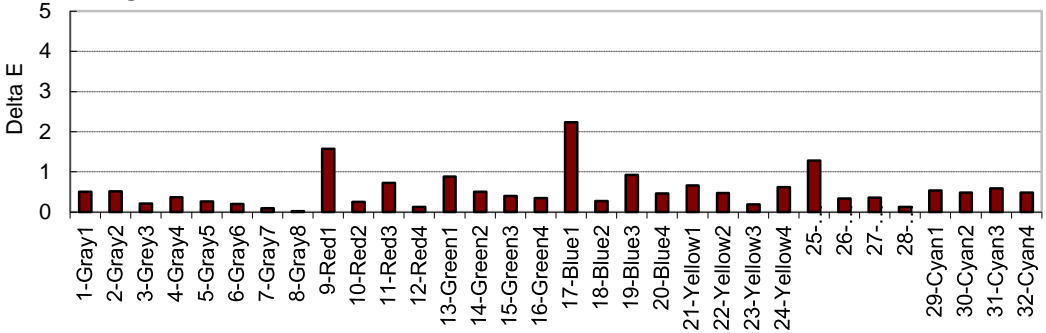
PA32U LCD Monitor

Color Calibration Testing Report

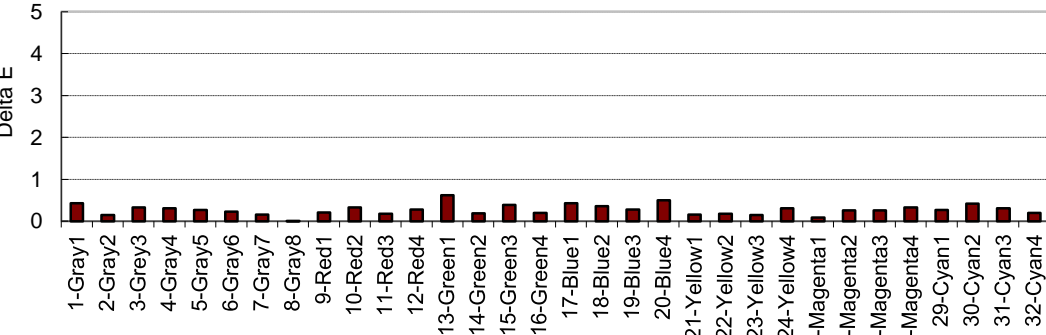
Every ASUS PA32U is equipped with pre-tuned sRGB/AdobeRGB and has undergone rigorous tests and calibration processes to ensure that color difference, ΔE , is less than 2. Brightness and color uniformity compensation help to solve the problems include fluctuations in brightness and chroma on different parts of the screen thus, preventing color inaccuracy and inconsistency on screen. ASUS advanced gray-scale tracking technology ensures smoother color gradation delivered by every ASUS PA32U.

Serial No.	HALMQS138564
Test Equipment	Minolta Color Analyzer CA310 Minolta Color Analyzer CA2000
Criteria	Color accuracy: Avg Delta E<2 Color Uniformity Delta E < 4

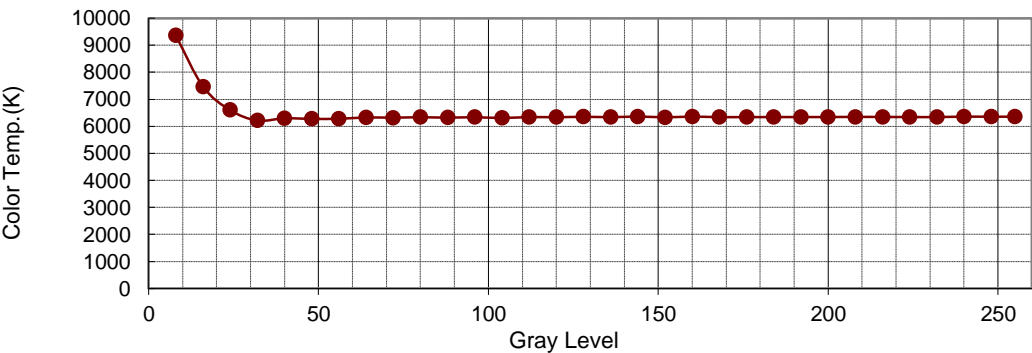
sRGB Avg. Delta E < 2.0



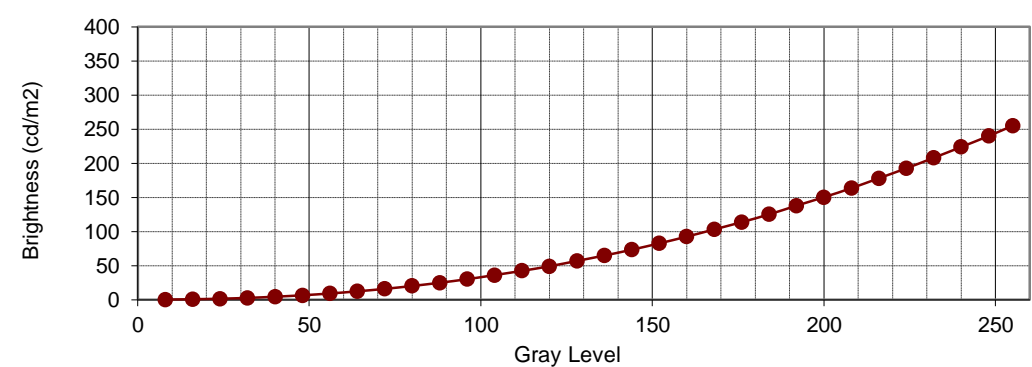
AdobeRGB Avg. Delta E < 2



Gray-Scale Tracking



Gamma Value



Note: The sRGB and AdobeRGB calibrations of every ASUS PA32U are 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 ASUS PA32U monitor unit. Test results may vary under different test procedures, equipment and patterns.

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The uniformity of tonality < 0.1

White(RGB= 255)

1	2	3	4	5
0.0000	0.0000	0.0000	0.0000	0.0000
6	7	8	9	10
0.0000	0.0000	0.0000	0.0000	0.0000
11	12	13	14	15
0.0000	0.0000	0.0000	0.0000	0.0000
16	17	18	19	20
0.0000	0.0000	0.0000	0.0000	0.0000
21	22	23	24	25
0.0000	0.0000	0.0000	0.0000	0.0000

Gray (RGB = 127)

1	2	3	4	5
0.0223	0.0268	0.0218	0.0217	0.0208
6	7	8	9	10
0.0259	0.0095	0.0022	0.0048	0.0221
11	12	13	14	15
0.0243	0.0101	0.0000	0.0006	0.0222
16	17	18	19	20
0.0243	0.0117	0.0016	0.0045	0.0237
21	22	23	24	25
0.0231	0.0255	0.0154	0.0174	0.0205

Dark Gray (RGB = 63)

1	2	3	4	5
0.0191	0.0253	0.0224	0.0213	0.0258
6	7	8	9	10
0.0252	0.0110	0.0019	0.0051	0.0261
11	12	13	14	15
0.0207	0.0091	0.0000	0.0011	0.0327
16	17	18	19	20
0.0196	0.0063	0.0020	0.0063	0.0317
21	22	23	24	25
0.0269	0.0231	0.0152	0.0198	0.0299

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

1	2	3	4	5
1.3318	0.6881	0.6959	0.5214	1.0597
6	7	8	9	10
0.8516	0.2874	0.8809	0.4250	0.9456
11	12	13	14	15
0.8430	0.3131	0.0000	0.7466	0.6541
16	17	18	19	20
0.6318	0.2806	0.2220	0.3909	0.6392
21	22	23	24	25
0.9344	0.4421	0.7014	0.4969	0.4487

1	2	3	4	5
0.8545	0.5287	0.5114	0.3474	0.7147
6	7	8	9	10
0.4400	0.5404	0.3387	0.1646	0.4051
11	12	13	14	15
0.1835	0.1480	0.0000	0.1516	0.9078
16	17	18	19	20
0.1721	0.0986	0.1606	0.3353	0.3499
21	22	23	24	25
0.5535	0.7114	0.5397	0.3252	0.2823

1	2	3	4	5
0.6104	0.6217	0.3814	0.3753	0.2505
6	7	8	9	10
0.4313	0.0710	0.1774	0.1886	0.3458
11	12	13	14	15
0.8626	0.3186	0.0000	0.2670	0.3089
16	17	18	19	20
0.6092	0.6579	0.6244	1.1013	0.3460
21	22	23	24	25
0.8985	0.6793	0.7306	0.5144	0.2110

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