

Basic Information

|                                       |  |
|---------------------------------------|--|
| Device:                               | Color LCD @ 0, 0, 1280x800 (Primary)                       |
| Instrument:                           | i1 DisplayPro, ColorMunki Display (LCD (generic))          |
| Correction matrix:                    | Apple Color LCD Retina (GretagMacbeth i1 Pro).ccss         |
| Profile:                              | Apple Color LCD Retina 2013-02-06 D6500 2.2 HQ 3xCurve+MTX |
| Profile whitepoint XYZ (normalized):  | 188.54 198.7 214.3 (94.89 100 107.85), CCT = 6455K         |
| Measured luminance:                   | 198.3 cd/m²  |
| Measured whitepoint XYZ (normalized): | 188.45 198.29 214.3 (95.04 100 108.08), CCT = 6452K        |
| Assumed target whitepoint (XYZ):      | 6500K daylight (95.02 100 108.77)                          |
| Simulation profile:                   | None   |
| Testchart:                            | verify_extended.ti1  |
| Chromatic adaption:                   | Bradford   |
| Evaluation criteria:                  | RGB  |
| Date:                                 | 2013-02-06 22:09:14  |

Summary

| Criteria                                     | Nominal | Recommended | #  | Actual | Result |
|--|---------|-------------|----|--------|--------|
| Measured vs. assumed target whitepoint ΔE*00 | <= 2    | <= 1        |    | 0.24   | OK ✓✓  |
| Average ΔE*00                                | <= 1.5  | <= 1        |    | 0.49   | OK ✓✓  |
| Maximum ΔE*00                                | <= 4    | <= 3        | 04 | 2.77   | OK ✓✓  |

- ✓ Nominal tolerance passed
- ✓ Recommended tolerance passed

Overview

| #  | Device Values |     |     |       | Nominal Values |         |      | Measured Values |        |         |      | ΔE*00 |       |       |      |
|----|---------------|-----|-----|-------|----------------|---------|------|-----------------|--------|---------|------|-------|-------|-------|------|
|    | R             | G   | B   | L*    | a*             | b*      | γ    | L*              | a*     | b*      | γ    | ΔL*   | ΔC*   | ΔH*   | ΔE*  |
| 01 | 255           | 255 | 255 | 100   | 0              | 0       |      | 100             | 0      | 0       |      | 0     | 0     | 0     | 0    |
| 02 | 0             | 0   | 0   | 0     | 0              | 0       |      | 0.86            | 0.44   | -1.96   |      | 0.86  | 2.07  | 0     | 2.04 |
| 03 | 13            | 13  | 13  | 0.79  | -0.04          | 0.29    | 2.35 | 1.84            | 0.53   | -1.43   | 2.07 | 1.05  | 1.34  | -1.36 | 1.96 |
| 04 | 26            | 26  | 26  | 5.07  | 0.01           | 0.46    | 2.25 | 6.05            | 1.04   | -1.9    | 2.17 | 0.98  | 1.99  | -2    | 2.77 |
| 05 | 38            | 38  | 38  | 12.68 | 0.15           | -0.27   | 2.21 | 13.38           | 0.49   | -1.5    | 2.17 | 0.7   | 1.32  | -0.18 | 1.35 |
| 06 | 51            | 51  | 51  | 19.81 | 0.23           | -0.78   | 2.19 | 20.22           | 0.21   | -1.28   | 2.17 | 0.42  | 0.47  | -0.19 | 0.56 |
| 07 | 64            | 64  | 64  | 26.28 | 0.25           | -0.97   | 2.18 | 26.36           | 0.26   | -1.31   | 2.18 | 0.07  | 0.32  | -0.1  | 0.33 |
| 08 | 77            | 77  | 77  | 32.23 | 0.23           | -0.92   | 2.19 | 31.95           | 0.89   | -1.77   | 2.2  | -0.28 | 1.23  | 0.43  | 1.24 |
| 09 | 89            | 89  | 89  | 37.75 | 0.19           | -0.75   | 2.2  | 37.74           | 0.38   | -0.97   | 2.2  | -0.01 | 0.32  | 0.17  | 0.35 |
| 10 | 102           | 102 | 102 | 43.07 | 0.18           | -0.75   | 2.21 | 43.34           | 0.2    | -0.95   | 2.19 | 0.27  | 0.19  | -0.04 | 0.31 |
| 11 | 115           | 115 | 115 | 48.38 | 0.23           | -0.98   | 2.21 | 48.69           | 0.4    | -1.08   | 2.19 | 0.31  | 0.2   | 0.19  | 0.41 |
| 12 | 127           | 127 | 127 | 53.63 | 0.27           | -1.15   | 2.21 | 53.63           | 1.01   | -1.53   | 2.21 | 0     | 0.93  | 0.7   | 1.11 |
| 13 | 140           | 140 | 140 | 58.72 | 0.24           | -1.01   | 2.21 | 58.77           | 0.07   | -0.81   | 2.2  | 0.05  | -0.26 | -0.21 | 0.33 |
| 14 | 153           | 153 | 153 | 63.73 | 0.19           | -1.03   | 2.2  | 63.63           | 0.28   | -1.07   | 2.21 | -0.1  | 0.08  | 0.12  | 0.16 |
| 15 | 166           | 166 | 166 | 68.78 | 0.16           | -1.18   | 2.18 | 68.74           | 0.14   | -1.09   | 2.19 | -0.05 | -0.09 | -0.02 | 0.1  |
| 16 | 179           | 179 | 179 | 73.66 | 0.11           | -1.06   | 2.17 | 73.42           | 0.44   | -1.2    | 2.19 | -0.24 | 0.3   | 0.43  | 0.55 |
| 17 | 191           | 191 | 191 | 78.41 | -0.03          | -0.96   | 2.15 | 77.95           | -0.04  | -0.72   | 2.2  | -0.46 | -0.23 | -0.04 | 0.4  |
| 18 | 204           | 204 | 204 | 82.88 | 0.03           | -0.88   | 2.15 | 82.55           | -0.17  | -0.44   | 2.19 | -0.33 | -0.38 | -0.37 | 0.56 |
| 19 | 217           | 217 | 217 | 87.34 | 0.13           | -0.87   | 2.13 | 87.17           | -0.01  | -0.27   | 2.16 | -0.17 | -0.62 | -0.12 | 0.62 |
| 20 | 229           | 229 | 229 | 91.73 | 0.13           | -0.61   | 2.11 | 91.45           | 0.39   | -0.63   | 2.18 | -0.28 | 0.22  | 0.34  | 0.43 |
| 21 | 242           | 242 | 242 | 95.93 | 0.33           | -0.48   | 2.09 | 95.69           | 0.05   | -0.39   | 2.21 | -0.23 | -0.29 | -0.32 | 0.45 |
| 22 | 127           | 0   | 0   | 24.94 | 48.04          | 36.11   |      | 24.69           | 47.24  | 34.73   |      | -0.25 | -1.47 | -0.64 | 0.58 |
| 23 | 255           | 0   | 0   | 52.31 | 80.15          | 63      |      | 52.38           | 80.26  | 62.43   |      | 0.07  | -0.26 | -0.51 | 0.26 |
| 24 | 255           | 127 | 127 | 67.77 | 47.82          | 20.36   |      | 68.15           | 47.75  | 19.9    |      | 0.39  | -0.24 | -0.4  | 0.39 |
| 25 | 0             | 127 | 0   | 46.94 | -45.75         | 48.35   |      | 46.41           | -45.77 | 48.45   |      | -0.53 | 0.09  | -0.06 | 0.51 |
| 26 | 0             | 255 | 0   | 88.89 | -76.24         | 80.58   |      | 88.95           | -76.27 | 79.87   |      | 0.06  | -0.49 | 0.51  | 0.18 |
| 27 | 127           | 255 | 127 | 91.5  | -53.72         | 48.36   |      | 91.53           | -53.25 | 47.77   |      | 0.02  | -0.75 | 0.12  | 0.18 |
| 28 | 0             | 0   | 127 | 11    | 46.52          | -68.61  |      | 10.17           | 47.77  | -68.82  |      | -0.83 | 0.88  | 0.91  | 0.74 |
| 29 | 0             | 0   | 255 | 28.48 | 76.63          | -113.02 |      | 28.48           | 76.72  | -112.87 |      | 0     | -0.08 | 0.16  | 0.08 |
| 30 | 127           | 127 | 255 | 58.04 | 28.76          | -64.36  |      | 58.5            | 28.23  | -63.83  |      | 0.45  | -0.71 | -0.27 | 0.44 |
| 31 | 0             | 127 | 127 | 48.55 | -27.34         | -9.09   |      | 48.29           | -27.36 | -9.09   |      | -0.26 | 0.02  | -0.02 | 0.26 |
| 32 | 0             | 255 | 255 | 91.5  | -46.49         | -13.28  |      | 91.52           | -46.37 | -13.31  |      | 0.03  | -0.1  | 0.06  | 0.05 |
| 33 | 170           | 255 | 255 | 95.15 | -24.36         | -7.56   |      | 95.18           | -24.14 | -7.48   |      | 0.03  | -0.26 | -0.01 | 0.11 |
| 34 | 127           | 0   | 127 | 28.53 | 58.13          | -39.27  |      | 28.15           | 58.19  | -39.46  |      | -0.38 | 0.16  | -0.12 | 0.3  |
| 35 | 255           | 0   | 255 | 58.09 | 96.43          | -63.47  |      | 58.32           | 96.28  | -63.32  |      | 0.23  | -0.21 | 0.04  | 0.21 |
| 36 | 255           | 170 | 255 | 79.98 | 40.75          | -29.47  |      | 80.22           | 40.94  | -29.23  |      | 0.24  | 0.01  | 0.3   | 0.23 |
| 37 | 127           | 127 | 0   | 52.25 | -10.68         | 54.41   |      | 51.9            | -10.69 | 54.57   |      | -0.35 | 0.16  | -0.01 | 0.35 |
| 38 | 255           | 255 | 0   | 97.78 | -17.64         | 90.72   |      | 97.85           | -17.56 | 88.99   |      | 0.07  | -1.71 | 0.25  | 0.36 |
| 39 | 255           | 255 | 170 | 98.73 | -9.82          | 38.09   |      | 98.9            | -10    | 38      |      | 0.17  | -0.05 | 0.21  | 0.17 |
| 40 | 170           | 85  | 85  | 46.37 | 35.35          | 15.06   |      | 46.35           | 34.37  | 14.2    |      | -0.02 | -1.25 | -0.42 | 0.53 |

|    |     |     |     |       |        |        |  |       |        |        |       |       |       |      |  |
|----|-----|-----|-----|-------|--------|--------|--|-------|--------|--------|-------|-------|-------|------|--|
| 41 | 85  | 170 | 85  | 64.1  | -39.97 | 36.01  |  | 63.83 | -39.14 | 35.13  | -0.28 | -1.21 | 0.1   | 0.43 |  |
| 42 | 85  | 85  | 170 | 39.33 | 21.99  | -48.94 |  | 39.32 | 21.26  | -48.19 | -0.01 | -0.99 | -0.37 | 0.27 |  |
| 43 | 85  | 170 | 170 | 65.6  | -24.97 | -8.7   |  | 65.43 | -24.65 | -8.08  | -0.17 | -0.52 | -0.49 | 0.44 |  |
| 44 | 170 | 85  | 170 | 48.78 | 46.53  | -33.49 |  | 48.88 | 45.4   | -32.38 | 0.1   | -1.57 | 0.24  | 0.47 |  |
| 45 | 170 | 170 | 85  | 69.11 | -10.23 | 42.97  |  | 68.81 | -9.95  | 42.08  | -0.3  | -0.93 | -0.07 | 0.4  |  |
| 46 | 255 | 0   | 170 | 54.88 | 87.63  | -23.07 |  | 54.95 | 87.65  | -22.55 | 0.07  | -0.12 | 0.51  | 0.18 |  |
| 47 | 170 | 255 | 0   | 92.72 | -47.46 | 84.99  |  | 92.75 | -47.63 | 84.1   | 0.03  | -0.69 | 0.58  | 0.26 |  |
| 48 | 0   | 170 | 255 | 66.69 | -10.78 | -50.93 |  | 66.67 | -10.7  | -50.88 | -0.01 | -0.07 | 0.06  | 0.05 |  |
| 49 | 0   | 255 | 170 | 90.02 | -62.62 | 25.24  |  | 89.89 | -62.72 | 25.5   | -0.13 | 0.19  | -0.21 | 0.13 |  |
| 50 | 170 | 0   | 255 | 44.27 | 84.8   | -86.42 |  | 44.27 | 84.4   | -86.17 | 0     | -0.46 | -0.11 | 0.08 |  |
| 51 | 255 | 170 | 0   | 76.68 | 21.35  | 76.33  |  | 76.57 | 21.97  | 75.31  | -0.11 | -0.81 | -0.88 | 0.56 |  |