

WebScan TruCheck™ USB Verification Report

Software Version: 3.03.14, Unit Serial: TC-825-0314-032

Wed 04-Jun-2014 11:27:03 AM

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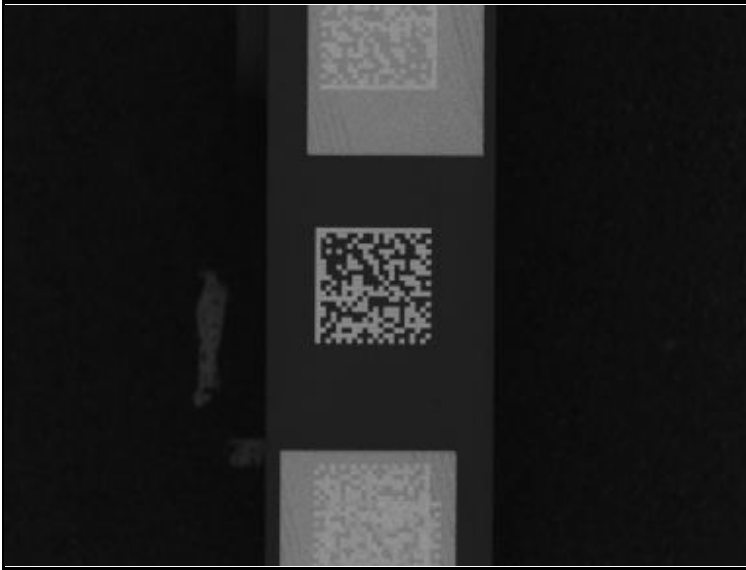
Report Summary

| | |
|---|--|
| MIL-STD-130N Acceptance Criteria | PASS (AS9132) |
| Data |] > < RS > 06 < GS > 17V0YR11 < GS > 1P40090F < GS > S00000000 < RS > < EO > |
| Symbology | DataMatrix |

Verification Grades

| Standard | Grade | Aperture | Wavelength | Lighting | Formal Grade |
|----------|---------|----------|------------|----------|--------------|
| ISO15415 | B (3.0) | 05 | 660 | 45 | 3.0/05/660 |
| AS9132 | PASS | | | | |

Image



ISO15415 Quality Parameters

| | | | | |
|----------------------------------|------|---|---------------|------|
| 1. Unused Error Correction (UEC) | 100% | A | | PASS |
| 2. Symbol Contrast (SC) | 55% | B | Rl/Rd (65/11) | PASS |
| 3a. Modulation (MOD) | | A | | PASS |
| 3b. Reflectance Margin (RM) | | A | | PASS |
| 4. Axial Nonuniformity (ANU) | 0% | A | | PASS |
| 5. Grid Nonuniformity (GNU) | 2% | A | | PASS |
| 6. Fixed Pattern Damage (FPD) | 4.0 | A | | PASS |
| 7. Left 'L' Side (LLS) | | A | | PASS |
| 8. Bottom 'L' Side (BLS) | | A | | PASS |
| 9. Left Quiet Zone (LQZ) | | A | | PASS |
| 10. Bottom Quiet Zone (BQZ) | | A | | PASS |
| 11. Top Quiet Zone (TQZ) | | A | | PASS |
| 12. Right Quiet Zone (RQZ) | | A | | PASS |
| 13. Top Transition Ratio (TTR) | 0% | A | | PASS |
| 14. Right Transition Ratio (RTR) | 0% | A | | PASS |
| 15. Top Clock Track (TCT) | | A | | PASS |
| 16. Right Clock Track (RCT) | | A | | PASS |
| 17. Average Grade (AG) | 4.0 | A | | PASS |
| 18. DECODE | | A | | PASS |

Data Format Check

MIL-STD-130N Application Data Format: PASS

| Data | Name | Check |
|----------|------------------|-------|
|] > | ISO 15434 Header | PASS |
| < RS > | Term Char | PASS |
| 06 | Format Type | PASS |
| < GS > | Sep Char | PASS |
| 17V | DI: CAGE | PASS |
| 0YR11 | CAGE | PASS |
| < GS > | Field Sep | PASS |
| 1P | DI: ORIG PN | PASS |
| 40090F | ORIG PN | PASS |
| < GS > | Field Sep | PASS |
| S | DI: SERIAL# | PASS |
| 00000000 | SERIAL# | PASS |
| < RS > | End Of Envelope | PASS |
| < EO > | Message Trailer | PASS |

Construct 2 using DI

UII: D0YR1140090F00000000

General Characteristics

| | |
|---------------------|---------------------|
| Matrix Size | 22x22 (Data: 20x20) |
| Horizontal BWG | 0% |
| Vertical BWG | 3% |
| Encoded characters | 36 |
| Total Codewords | 50 |
| Data Codewords | 30 |
| Image | White on Black |
| Nominal X Dim | 16.4 mil |
| Contrast Uniformity | 67 at module(7,7) |

AS9132 Quality Parameters

| | | |
|----------------------|-------|------|
| DA(Degrees) | -0.01 | Pass |
| Symbol Contrast | 55% | PASS |
| Total Modules | 484 | |
| Total Modules failed | 4 | |
| Total Modules failed | 0.8% | PASS |
| Size failed | 0.8% | |



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| Modulation Values | | | | | | | | | | | | | | | | | | | |
|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 94 | 96 | 96 | 96 | 96 | 96 | 93 | 96 | 94 | 94 | 96 | 96 | 96 | 94 | 96 | 96 | 96 | 96 | 96 | 96 |
| 96 | 98 | 96 | 96 | 96 | | | | | | | | | | | | | | | |
| 94 | 84 | 96 | 81 | 96 | 76 | 94 | 84 | 93 | 81 | 96 | 83 | 93 | 81 | 94 | 77 | 93 | 72 | 94 | |
| 74 | 96 | 83 | 96 | 93 | | | | | | | | | | | | | | | |
| 96 | 89 | 94 | 94 | 79 | 94 | 88 | 91 | 88 | 83 | 93 | 94 | 94 | 89 | 94 | 94 | 81 | 93 | 88 | |
| 89 | 93 | 94 | 84 | 94 | | | | | | | | | | | | | | | |
| 96 | 77 | 84 | 93 | 77 | 89 | 93 | 83 | 88 | 88 | 91 | 83 | 88 | 83 | 94 | 94 | 93 | 88 | 79 | |
| 77 | 84 | 93 | 94 | 94 | | | | | | | | | | | | | | | |
| 94 | 84 | 89 | 81 | 94 | 94 | 94 | 96 | 81 | 94 | 84 | 81 | 93 | 88 | 94 | 84 | 81 | 89 | 91 | |
| 93 | 94 | 84 | 84 | 94 | | | | | | | | | | | | | | | |
| 96 | 93 | 79 | 94 | 96 | 94 | 94 | 94 | 96 | 93 | 84 | 81 | 96 | 91 | 79 | 93 | 83 | 79 | 81 | |
| 79 | 91 | 94 | 94 | 98 | | | | | | | | | | | | | | | |
| 96 | 84 | 93 | 93 | 79 | 83 | 91 | 76 | 79 | 96 | 84 | 93 | 93 | 77 | 93 | 93 | 94 | 94 | 93 | |
| 91 | 83 | 94 | 79 | 94 | | | | | | | | | | | | | | | |
| 98 | 81 | 94 | 86 | 76 | 94 | 89 | 84 | 93 | 91 | 94 | 94 | 83 | 83 | 76 | 93 | 83 | 74 | 81 | |
| 93 | 89 | 94 | 96 | 96 | | | | | | | | | | | | | | | |
| 93 | 84 | 79 | 93 | 91 | 77 | 93 | 91 | 67 | 89 | 86 | 94 | 79 | 91 | 86 | 93 | 81 | 88 | 91 | |
| 89 | 93 | 76 | 77 | 96 | | | | | | | | | | | | | | | |
| 93 | 77 | 83 | 84 | 94 | 77 | 79 | 93 | 84 | 93 | 91 | 96 | 94 | 86 | 94 | 89 | 81 | 81 | 91 | |
| 81 | 94 | 83 | 93 | 96 | | | | | | | | | | | | | | | |
| 94 | 76 | 94 | 94 | 93 | 79 | 89 | 93 | 94 | 94 | 79 | 93 | 79 | 86 | 94 | 94 | 91 | 93 | 86 | |
| 91 | 81 | 93 | 83 | 96 | | | | | | | | | | | | | | | |
| 96 | 79 | 79 | 74 | 94 | 96 | 94 | 83 | 89 | 79 | 94 | 93 | 93 | 74 | 93 | 94 | 83 | 89 | 89 | |
| 81 | 83 | 83 | 94 | 98 | | | | | | | | | | | | | | | |
| 94 | 91 | 94 | 93 | 89 | 93 | 84 | 83 | 94 | 91 | 93 | 94 | 83 | 84 | 91 | 94 | 93 | 81 | 91 | |
| 86 | 79 | 96 | 86 | 94 | | | | | | | | | | | | | | | |
| 94 | 91 | 94 | 94 | 79 | 84 | 77 | 93 | 93 | 98 | 94 | 93 | 81 | 93 | 77 | 84 | 84 | 93 | 77 | |
| 81 | 91 | 93 | 93 | 94 | | | | | | | | | | | | | | | |
| 94 | 81 | 84 | 94 | 86 | 93 | 94 | 91 | 93 | 94 | 83 | 79 | 86 | 84 | 93 | 86 | 81 | 93 | 93 | |
| 86 | 89 | 94 | 84 | 98 | | | | | | | | | | | | | | | |
| 94 | 81 | 93 | 88 | 93 | 94 | 94 | 91 | 91 | 94 | 86 | 86 | 88 | 86 | 89 | 93 | 81 | 94 | 93 | |
| 89 | 86 | 84 | 94 | 96 | | | | | | | | | | | | | | | |
| 94 | 84 | 93 | 93 | 83 | 96 | 83 | 83 | 76 | 91 | 93 | 91 | ** | 89 | 83 | 88 | 91 | 93 | 86 | |
| 79 | 91 | 84 | ** | 96 | | | | | | | | | | | | | | | |
| 94 | 84 | 81 | 94 | 94 | 94 | 94 | 93 | 89 | 84 | 94 | 83 | 83 | 83 | 81 | 94 | 81 | 93 | 81 | |
| 84 | 91 | 88 | 94 | 96 | | | | | | | | | | | | | | | |
| 94 | 76 | 88 | 96 | 96 | 86 | 94 | 94 | 79 | 96 | 94 | 94 | 91 | 91 | 89 | 96 | 93 | 93 | 94 | |
| 83 | 94 | 79 | 81 | ** | | | | | | | | | | | | | | | |
| 94 | 93 | 96 | 96 | 96 | 93 | 96 | 94 | 94 | 96 | 94 | 84 | 93 | 77 | 96 | 93 | 93 | 89 | 76 | |
| 93 | 94 | 86 | 96 | 93 | | | | | | | | | | | | | | | |
| 96 | 81 | 93 | 83 | 94 | 83 | 96 | 94 | 94 | 94 | 89 | 94 | 84 | 91 | 84 | 94 | 98 | 93 | 93 | |
| 84 | 94 | 93 | 84 | 94 | | | | | | | | | | | | | | | |
| 94 | 84 | 83 | 91 | 94 | 93 | 94 | 88 | 81 | 86 | 86 | 91 | 94 | 86 | 89 | 91 | 83 | 76 | 94 | |
| 91 | 89 | 93 | 91 | 94 | | | | | | | | | | | | | | | |
| 96 | 84 | 77 | 77 | 89 | 83 | 89 | 91 | 81 | 83 | 84 | 88 | 93 | 88 | 83 | 86 | 89 | 86 | 81 | |
| 81 | 76 | 83 | 84 | 94 | | | | | | | | | | | | | | | |
| 94 | 94 | 96 | 96 | 91 | 94 | 93 | 96 | 94 | 96 | 96 | 93 | 94 | 96 | 94 | 94 | 93 | 93 | 94 | |
| 94 | 94 | 96 | 96 | 98 | | | | | | | | | | | | | | | |

| AS9132 Clock Track Advanced Info | | | | | | | | | | |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|
| HORZ CLOCK TRACK | | | | | | | | | | |
| Bar Widths | | | | | | | | | | |
| 16.4 | 16.5 | 16.4 | 16.0 | 16.4 | 16.1 | 16.4 | 16.0 | 16.0 | 16.4 | 16.9 |
| Bar Heights | | | | | | | | | | |
| 16.6 | 16.0 | 16.6 | 16.0 | 16.7 | 16.0 | 16.0 | 16.0 | 16.1 | 16.0 | 16.0 |
| VERT CLOCK TRACK | | | | | | | | | | |
| Bar Widths | | | | | | | | | | |
| 16.0 | 16.0 | 16.9 | 16.0 | 16.7 | 16.2 | 16.0 | 16.3 | 16.0 | 16.0 | 16.0 |
| Bar Heights | | | | | | | | | | |
| 16.8 | 16.3 | 16.0 | 16.3 | 16.0 | 16.0 | 16.5 | 16.3 | 16.3 | 16.9 | 16.3 |