

Omron Microscan Systems, Inc.

LVS-95xx Verification Report

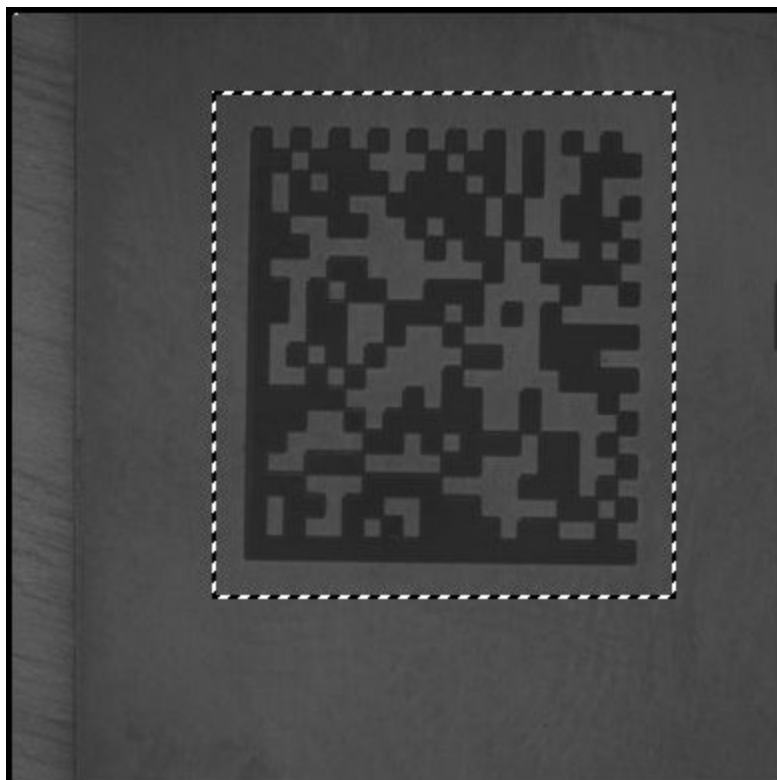
Overall: DPM0.0/11/660/D

T. Dean Nunn

06/01/26

Operator signature

Second signature



Fails MIL-130N1 acceptance criteria for Axial nonuniformity

2D	
Symbology	Data Matrix
Decoded text	17VD1AXY61PTI2341687S189469
Cell size	0.577mm
Decode	PASS
Cell contrast	4.0 48%
Minimum reflectance	4.0 36.7%
Cell modulation	4.0
Axial nonuniformity	1.8 10.5%
Grid nonuniformity	4.0 8%
Unused EC	4.0 100%
Fixed pattern damage	4.0
L1 (left of L finder)	4.0
L2 (bottom of L finder)	4.0
QZL1 (left quiet zone)	4.0
QZL2 (bottom quiet zone)	4.0
CTR (clock track regularity)	4.0
CTD (clock track damage)	4.0
SFP (solid fixed pattern)	4.0
OCTASA (overall clock track and solid area)	4.0
DDG (distributed damage grade)	4.0
TR (transition ratio)	4.0 0%
PG-X	8%

Other information	
Letter Grade	F
ReportID	173
Operator	admin (LVS Administrator)
Application standard	DPM + MIL-STD-130N1 + UII
Limit Action	Change grade to F if Xdim or s ymbol height is outside limits
Effective aperture	Reference number 11 (0.290 mm)
Lighting	660/D
Date and time	01-Jun-2026 13:10 local; 01- Ju n-2026 18:10 GMT
Time zone	GMT -5
Sector size	12.9mm by 14.1mm
Last calibration	25-May-2026 10:41 local; 25- Ma y-2026 15:41 GMT
Field of view	21.5mm (camera is 1536x1536 pi xels)
Serial numbers	Unit: 2554433, Camera: 4520809

PG-Y	8.5%
Cell height	0.607mm
Cell width	0.547mm
Symbol Rotation	1 degrees
Sensor Angle	1 degrees
Light Direction	Red Dome
Total CW	40
Data CW	22
Corrections	0
Size	20x20
MeanDark	15.7%
MeanLight	30.2%
Stick Used	False
Threshold	23.1%
Structure	FAIL

	, Model: 9585
Software product and version	LVS-95xx Version 4.7.1.4009
LVS-95xx manufactured by:	Omron Microscan Systems, Inc. 33930 Weyerhaeuser Way S. Suite 210 Federal Way, WA 98001 USA http://www.omron.com

2D Structure

Embedded data	Description	Value
<237>	Macro 06; Format 06	[]><RS>06<GS>
17VD		
<230>	Latch to C40	
1AXY6	U.S. DoD CAGE Code	(17V)
	Value for (17V)	(17V) maximum size is 5
<GS>	Group separator	<GS>
1PTI2		
<254>	Unlatch	
341687	Item Identification Code assigned by Supplier	(1P)
	Value for (1P)	TI2341687
<GS>	Group separator	<GS>
S189469	Traceability Number for an Entity	(S)
	Value for (S)	189469
	End of format 06	<RS><EOT>
	UII	Incomplete UII