

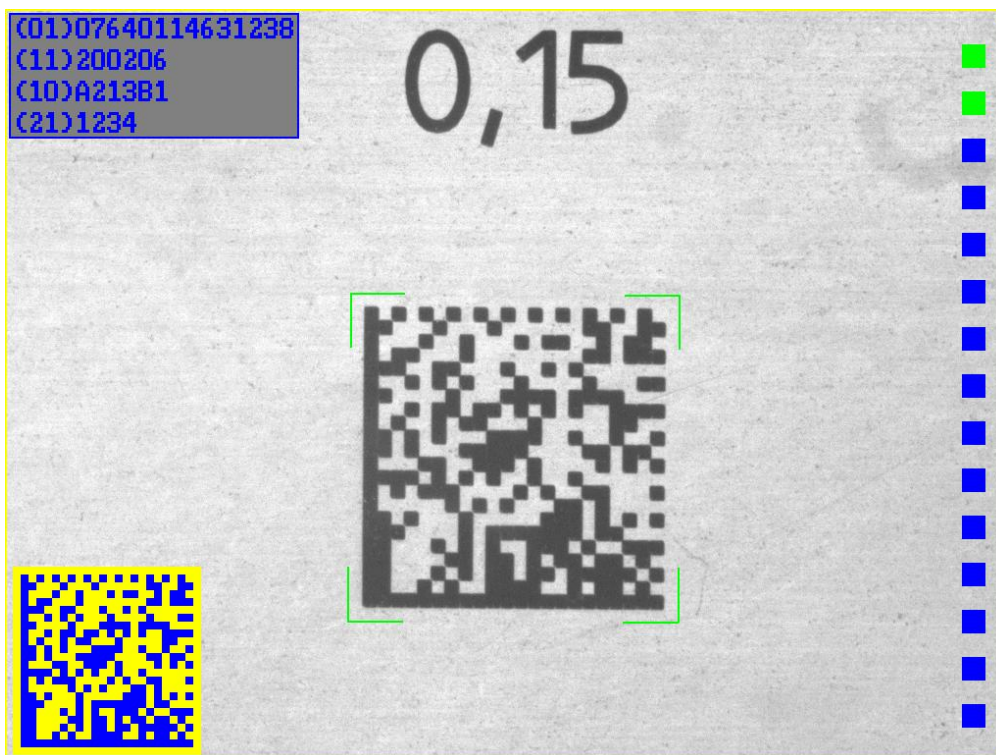


Quality Report

ISO/IEC 29158

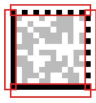
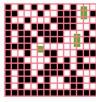


Code Content	(01)07640114631238(11)200206(10)A213B1(21)1234		
Part	Ser: 4711	Verificationsystem	DMR210
Enduser	Systrac AG	Date of calibration	23.06.2021, 14:43:55
Checker	IOSS AG	Codetyp	ECC200 / 22x22
Comment	pls. check	Print Growth	51
Date/Time	07.09.2021, 11:06:40	Software	DM 8.4.0
Setup	DPM4.0/08/660/D	Pixels per Module	14.6
Cellcontrast	61%		



ID	Description	Rating	Target	Result
ML	Mean Light	83	70-86	✓
CC	Cellcontrast	4.0 (A)	B	✓
CM	Cell Modulation	4.0 (A)	B	✓
DD	Distributed Damage	4.0 (A)	B	✓
FD	Finder Damage	4.0 (A)	B	✓
AN	Axial Nonuniformity	4.0 (A)	B	✓
GN	Global Nonuniformity	4.0 (A)	B	✓
UE	Unused Error Correction	4.0 (A)	B	✓
MR	Minimum Reflectance	4.0 (A)	B	✓
	Total ISO/IEC 29158	4.0 (A)	B	✓

ID	GS1 Check		Result
01	GTIN	07640114631238	✓
11	PROD DATE	200206	✓
10	BATCH/LOT	A213B1	✓
21	SERIAL	1234	✓

Criteria	Measurement Parameter	
Cellcontrast [CC]		This describes the brightness difference (standardised) between bright and dark dots determined from their average values.
Minimum Reflectance [MR]		This describes the brightness difference between the bright modules and the determined brightness of the bright modules in the calibration template.
Cell Modulation [CM]		This describes the grey value uniformity in the bright or dark modules.
Finder Damage [FD]		Damage in the Finder and Alternating Grid and Quietzone.
Distributed Damage [DD]		Summarised assessment of the individual Fixed Pattern zones.
Axial Nonuniformity [AN]		This describes the distortion of code along its main axes in X and Y direction.
Global Nonuniformity [GN]		Deformity of the grid. Evaluates the position of the individual module relative to an ideal uniform grid.
Unused Error Correction [UE]		Unused error correction. A measure of the number of bit errors that had to be corrected using the Reed/Solomon error correction.