



# Quality Assurance Calibration Report

Operational Procedure : 001

Revision: 9.0

QA Certificate #

QA2104062

Scanner Information		Exposure Parameters			
Test Date	Scanner SN#	Phantom SN#	IP Type	Technician	Test Location
04/06/2021	SS202104062	2010009	CARESTREAM HR	RDB	
Last Service Date	Service Due Date	Image Intensity	Technique	Exposure Dose	
04-2021	04/06/2022	40k	50KV 3MA 10S	1R	

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## Newport Laser Meter Certification #

Geometric Distortion Evaluation	X: 12.587	Y: 15.589	Diagonal: 20.059	Disk diameter: 1.0	Low-end Square: 0.50
Horizontal/Vertical Line Evaluation	Horizontal: (Pass/Fail)	<b>PASS</b>	Vertical: (Pass/Fail)	<b>PASS</b>	
Laser Jitter Evaluation	(Pass / Fail)	<b>PASS</b>			
Spatial Resolution Evaluation	LP/mm Gauge (A)	100μ 4.3 50μ N/A	LP/mm Gauge (B)	100μ 5.0 50μ N/A	
Contrast Sensitivity Evaluation	Blocks Discernible	<b>3</b>	Sensitivity Percentage	<b>2%</b>	
Erasure Evaluation	Intensity	<b>&lt;350</b>			
Verify Laser Set Point	6.8mW	6.86	Initial 6.86		

## Evaluation Guidelines

Geometric Distortion	X = 12.5"	Y = 15.5"	Diagonal = 19.9"	Disk = 1.0"	Low-end Qualifier 0.5"
	V = +/- 1.25%	V = +/- 1.25%	V = +/- 1.25%	V = +/- 2.5%	V = +/- 2.5%
	12.344-12.656	15.306-15.693	19.652-20.148	.975 - 1.025	.4875 - .5125
Spatial Resolution (Both Directions)	Scan Resolution = 100μ	Scan Resolution = 50μ		Contrast (2% min)	Erasure
	Minimum LP REQ = 3.0	Minimum LP REQ = 7.0		3 blocks = 2%	Less than 1590 intensity