



Quality Assurance Calibration Report

Operational Procedure : 001

Revision: 9.0

QA Certificate #

QA210405

Scanner Information		Exposure Parameters			
Test Date	Scanner SN#	Phantom SN#	IP Type	Technician	Test Location
04/05/2021	SS20210406	2010009	CARESTREAM HR	RDB	
Last Service Date	Service Due Date	Image Intensity	Technique	Exposure Dose	
03-2021	04/05/2022	40k	50KV 3MA 10S	1R	

Newport Laser Meter Certification

Geometric Distortion Evaluation	X: 12.57	Y: 15.32	Diagonal: 19.82	Disk diameter: 1.0	Low-end Square: 0.50
Horizontal/Vertical Line Evaluation	Horizontal: (Pass/Fail)	PASS	Vertical: (Pass/Fail)	PASS	
Laser Jitter Evaluation	(Pass / Fail)	PASS			
Spatial Resolution Evaluation	LP/mm Gauge (A)	100μ 4.6 50μ N/A	LP/mm Gauge (B)	100μ 4.0 50μ N/A	
Contrast Sensitivity Evaluation	Blocks Discernible	3	Sensitivity Percentage	2%	
Erasure Evaluation	Intensity	<350			
Verify Laser Set Point	6.8mW	6.82	Initial 6.91		

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