

ACR FFDM Phantom Report

Overall Results

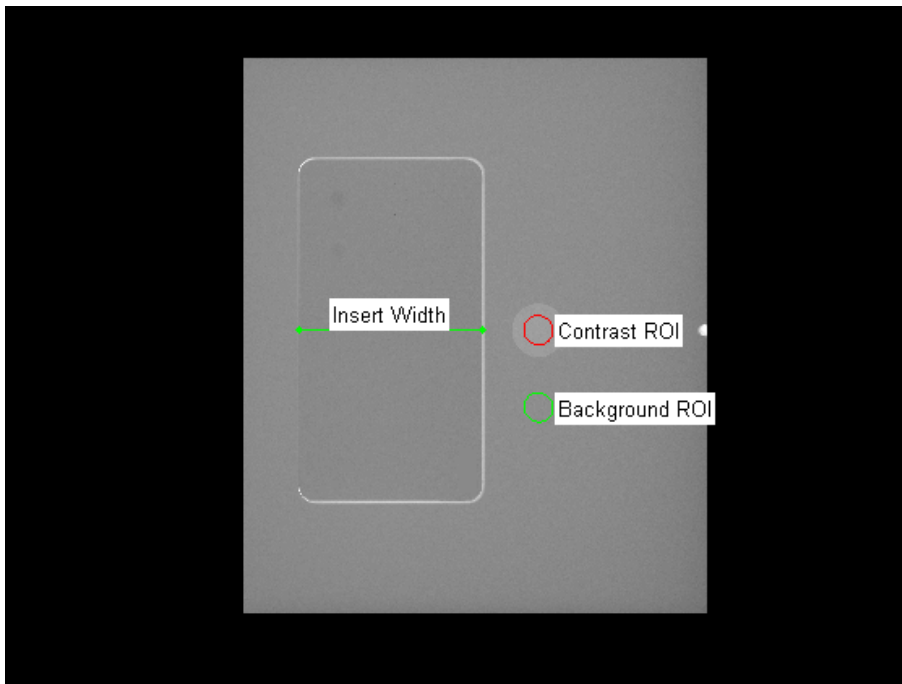


All required test measurements have passed.

Image Information

Filename	C:\RIT\RIT113V4\demo images_old\Radia Demo Images\FFDM_Mammo\FFDM_X.dcm
Institution	
Station	
kVp	25
mA	100
Protocol	ROUTINE
Filter	STRIP
Acquisition Date	20101005
Acquisition Time	091203.000000
SOP Instance UID	1.3.6.1.4.1.9590.100.1.2.341135776910225428903313811313643775041

Analysis Image



Insert Width

Insert Width (mm)	70.49
ACR Minimum (mm)	63.00
ACR Maximum (mm)	77.00
Pass-Fail	Pass

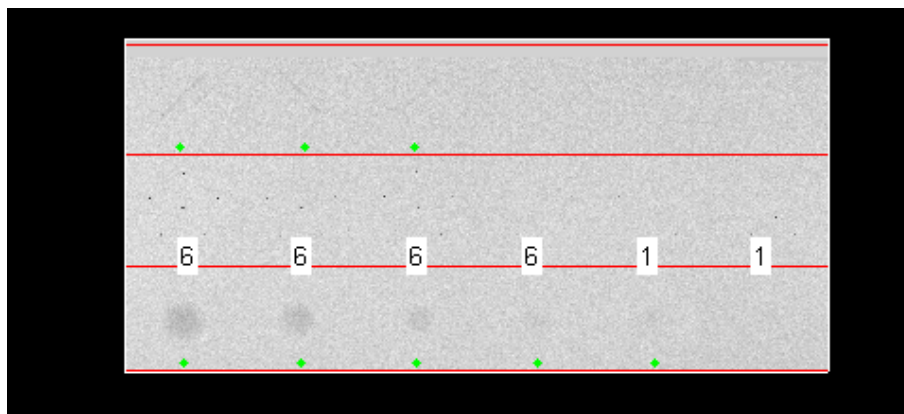
Contrast Analysis

Measurement	Value	Minimum	Pass-Fail
Contrast to Noise Ratio	7.20	5.0	Pass
SNR Contrast Object	99.13	50.0	Pass
SNR Background	92.78	50.0	Pass

Insert Analysis

Object	Score	Minimum	Pass-Fail
Fibers	3.0	2	Pass
Specks	4.0	3	Pass
Masses	5.0	2	Pass

FFDM Insert Analysis



Speck Detail

Group	1	2	3	4	5	6
# of Specks Detected	6	6	6	6	1	1
Speck Group Pass-Fail Min. Specks/Group = 4	Pass	Pass	Pass	Pass	Fail	Fail

Analysis Settings

CNR Threshold	1.2
CNR Area mm ²	100
Mass Detection Threshold	0.25
Fiber Detection Threshold	0.6
Small Speck Detection Threshold	0.5
Large Speck Threshold	0.2
Speck Detection Threshold	0.5
Fiber Length Threshold	0.4
Full Point Major/Minor Axis Ratio	1.5
Half Point Major/Minor Axis Ratio	2
Mass Roundness Ratio	0.5