

Patient Specific QA Report

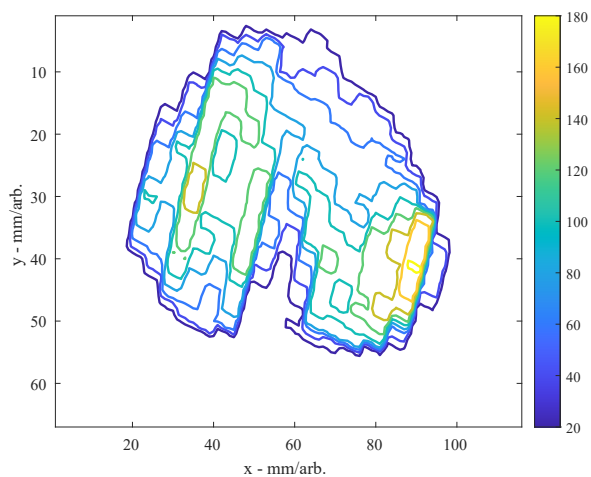
Patient: Arnot, Wayne - ID: 033697

Linac: TrueBeam_C2 / Plan: N30 Nose

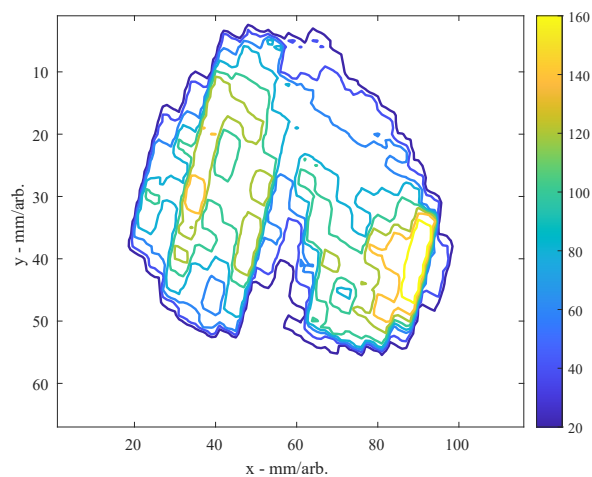
Medical Physicist: leon_

04-May-2023

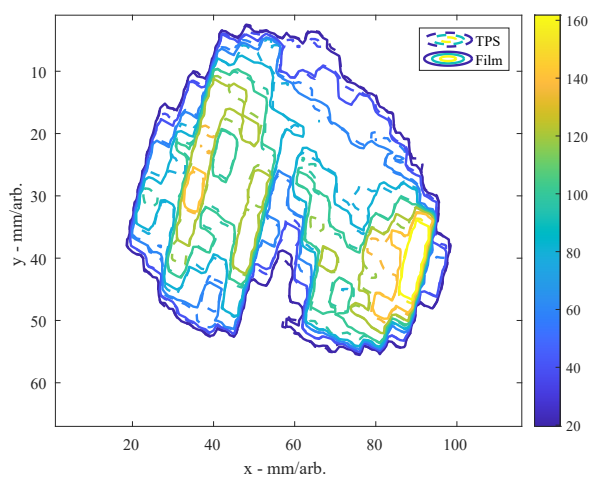
Parameter	Result
Film Filename:	test.csv
TPS Filename:	RP.033697.N30 Nose_1.2T
Gamma Settings:	3%/2mm
Gamma Pass Rate (Optimised)[%]:	96.9
Mean Gamma Value (Optimised):	0.43
Max Gamma Value (Optimised):	1.7
Gamma Pass Rate (Unoptimised)[%]:	96.6
Mean Gamma Value (Unoptimised):	0.16
Max Gamma Value (Unoptimised):	1.7
High Dose ROI GPR (Optimised)[%]:	88.1
High Grad. ROI GPR (Optimised)[%]:	97.6
Medium Dose ROI GPR (Optimised)[%]:	96.3
Low Dose ROI GPR (Optimised)[%]:	98
High Dose ROI GPR (Unoptimised)[%]:	91.5
High Grad. ROI GPR (Unoptimised)[%]:	97.4
Medium Dose ROI GPR (Unopt.)[%]:	96
Low Dose ROI GPR (Unoptimised)[%]:	97.6
Detector Max Dose [Gy/%]:	182
TPS Max Dose [Gy/%]:	176
%Diff in Max Dose [%]:	3.2
Detector Mean Dose > 90% [Gy/%]:	173
TPS Mean Dose > 90% [Gy/%]:	169
%Diff in 90% Mean Dose [%]:	2.66
Optimised x-shift [mm]:	-0.232
Optimised y-shift [mm]:	-0.865
Registration Angle [°]:	0.0827



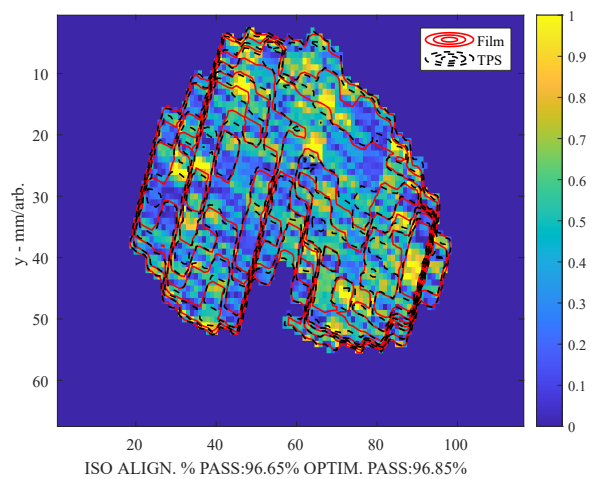
Film Contour Map



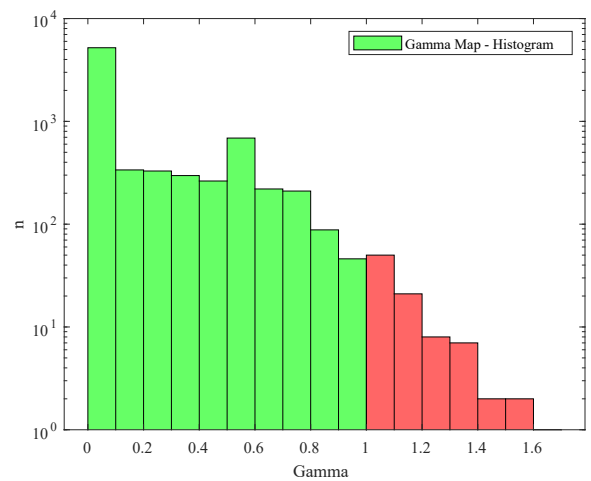
TPS Contour Map



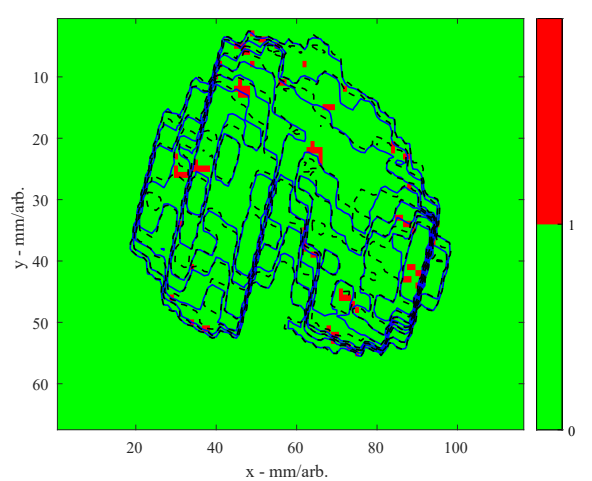
Contour Overlay - Optimised



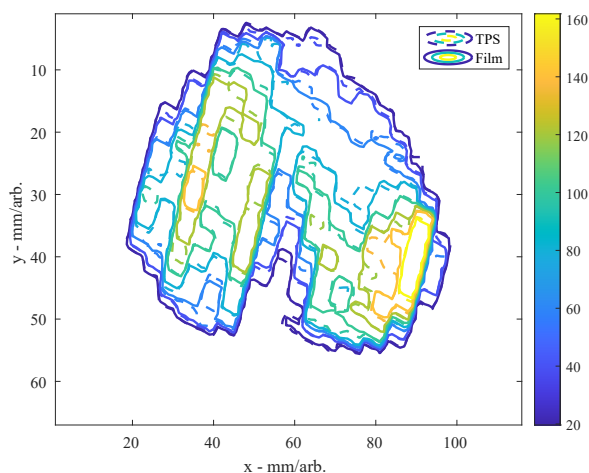
Gamma Map - Optimised



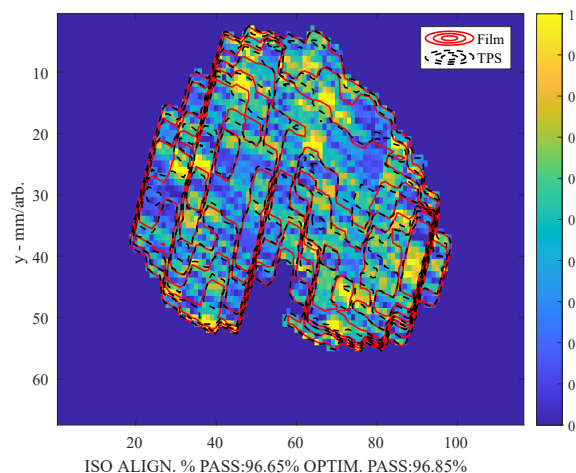
Gamma Histogram - Optimised



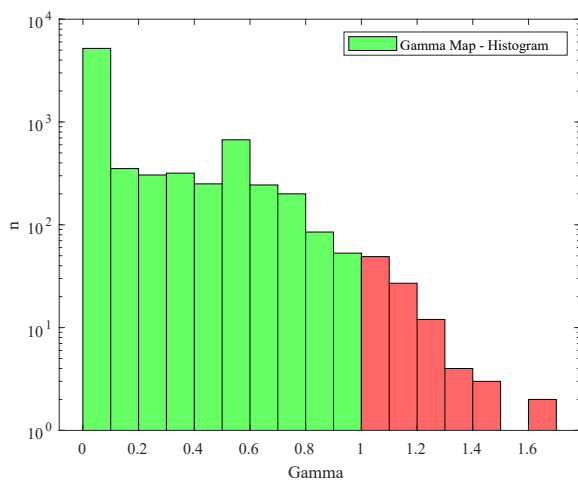
Binary - Pass / Fail - Optimised



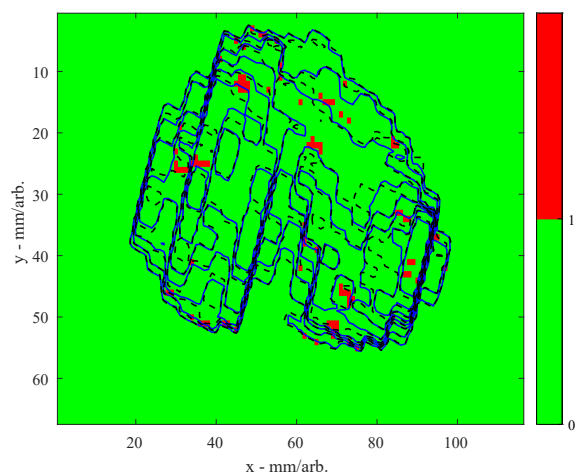
Contour Overlay - Iso. Aligned



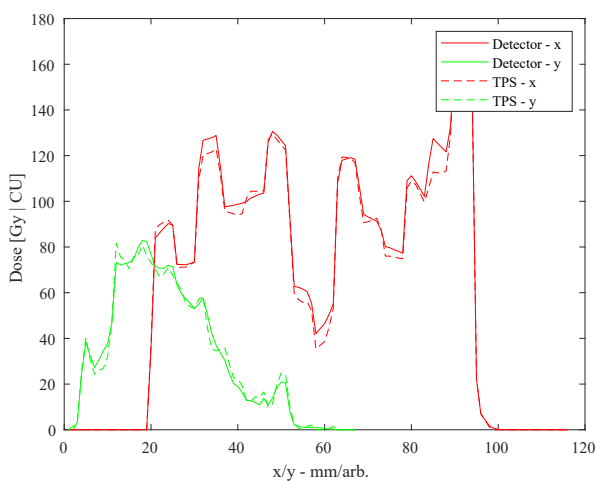
Gamma Map - Iso. Aligned



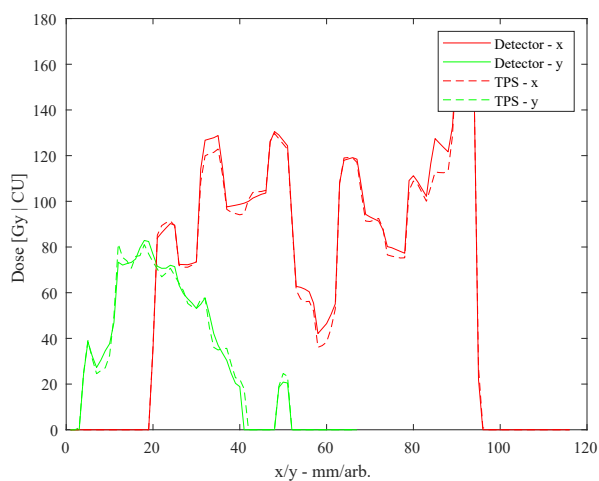
Gamma Histogram - Iso. Aligned



Gamma Binary Pass/Fail - Iso. Aligned



Line Profiles - Iso. Aligned



Line Profiles - Optimised