

ACR CT Phantom - Module 3 Report

OVERALL RESULTS



ALL TOLERANCES PASSING

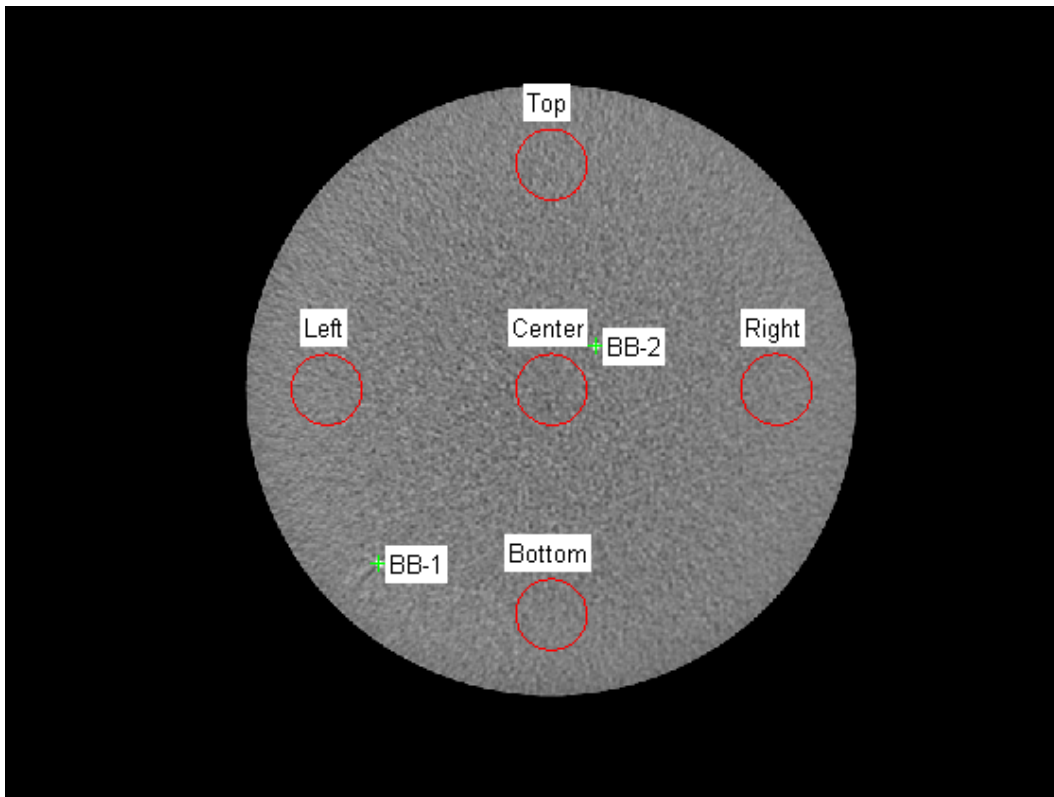


ANALYSIS COMPLETE

Image Information

| | |
|---------------------------|---|
| Filename | C:\RIT\RIT113V4\demo images_old\Radia Demo Images\ACR_CT\Module_3 |
| Institution | Boulder Community Foothills Hosp |
| Station | CT01_OC0 |
| kVp | 120 |
| mA | 300 |
| Protocol | 6.1 ABDOMEN/PELVIS |
| Filter | BODY FILTER |
| Convolution Kernel | STANDARD |
| DICOM Slice Thickness(mm) | 5 |
| SOP Instance UID | 1.2.840.113619.2.55.1.1762897610.2203.1179930891.816.17 |
| Slice Location | 80 |
| ACR Protocol | Adult Abdomen |

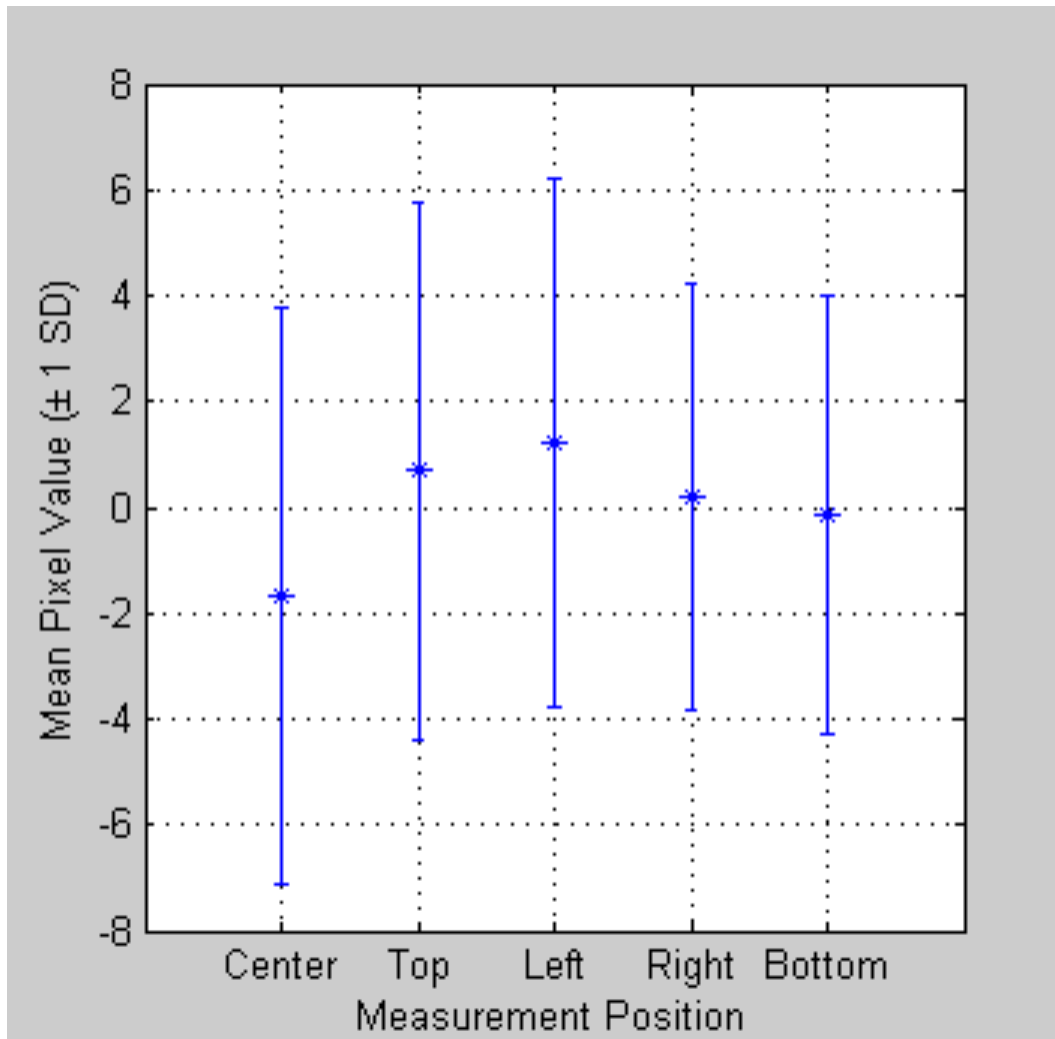
Analysis Image



Uniformity Measurements

| Area | Area Mean | Uniform. vs. Center | ACR Min. | ACR Max. | Uniform. Pass-Fail | Area SD |
|--------|-----------|---------------------|----------|----------|--------------------|---------|
| Center | -1.67 | 0.00 | -5.00 | 5.00 | | 5.45 |
| Top | 0.70 | 2.36 | -5.00 | 5.00 | Pass | 5.08 |
| Left | 1.22 | 2.89 | -5.00 | 5.00 | Pass | 4.97 |
| Right | 0.21 | 1.88 | -5.00 | 5.00 | Pass | 4.03 |
| Bottom | -0.14 | 1.53 | -5.00 | 5.00 | Pass | 4.13 |

Mean Pixel Value and SD by Measurement Position



BB Distance

| | |
|---------------------------|-------|
| Distance between BBs (mm) | 99.55 |
| Delta from 100 mm (mm) | -0.45 |

Analysis Settings

| | |
|-------------------|-----|
| BB Threshold | 2 |
| Outer Radius Mask | 257 |