

ACR Small MR Phantom - Slice 7 Report

OVERALL RESULTS


FAIL

ALL TOLERANCES FAILING

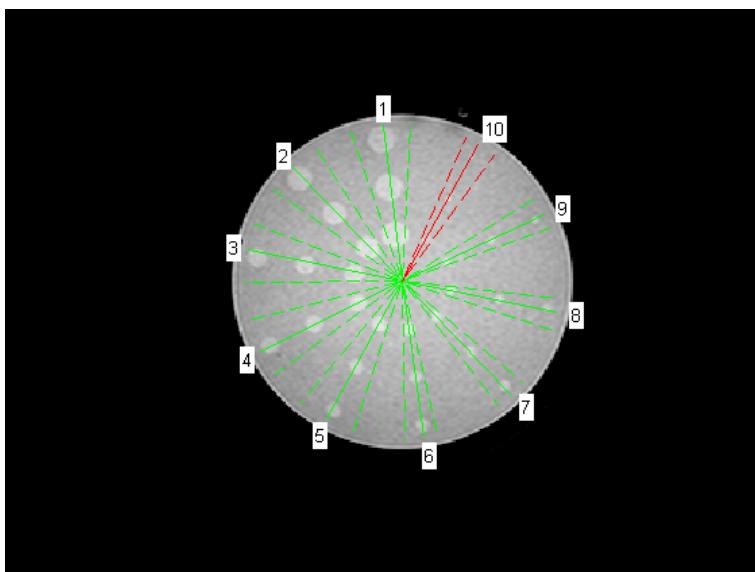


ANALYSIS COMPLETE

Image Information

Filename	C:\RIT\RIT113V4\demo images_old\Radia Demo Images\ACR_MRI_Small\Small_Slice_7
Institution	Tidewater Orthopaedics
Station	MRI
Magnetic Field Strength	1
Protocol	ACR Phantom
DICOM Slice Thickness(mm)	5
SOP Instance UID	2.16.124.113531.4.5.129496078468590000.1324761701
Slice Location	-30.4322
Echo Time	20
Repetition Time	500
In Plane Phase Encoding Direction	ROW
Pixel Bandwidth	260.4167
ReceiveCoilName	123mm
Transmit Coil Name	
Flip Angle	90
Device Serial Number	07182007-001
Software Version	2.31
Scan Options	
Echo Number	1
Echo Train Length	1
Operating Mode	

Analysis Image



Spokes Detected - Slice 7

Number of Spokes Detected	Minimum Nominal Number of Spokes Detected	Pass/Fail
9	10	Fail

Contrast to Noise Ratios

Angles CCW from 12:00

Spoke Number	Angle(deg)	CNR Inner	CNR Middle	CNR Outer	Analysis Alg. Info
1	6.00	3.92	5.17	4.83	1
2	43.00	9.15	16.22	15.27	1
3	78.00	3.97	6.28	6.48	1
4	116.00	12.11	14.02	15.45	1
5	151.00	6.67	7.32	6.25	1
6	188.00	9.76	6.50	7.92	1
7	224.00	3.16	6.05	6.32	1
8	259.00	10.13	4.13	2.70	1
9	295.00	5.10	4.85	3.01	1
10	331.00	4.05	2.22	1.11	1

Analysis Settings

Slice 7 Spoke Width	11
CNR Inner Ring Slice 7	2.1
CNR Middle Ring Slice 7	2
CNR Outer Ring Slice 7	1.55
Structuring Element Size (Slice 7)	13
Threshold Start Slice 7	15
Threshold Stop Slice 7	35
Flip Slice 7 Image Left to Right	0